LG HVAC SOLUTION

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LG HVAC SOLUTION

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Ceiling Cassette

Phase	1Ø					Origin	Energy Labeling Scheme
kBtu/h	18	24	36	42	48		
Indoor Unit						KOREA	
	ATNQ18GPLE3	ATNQ24GNLE3	ATNQ36GMLE3	ATNQ42GMLE3	ATNQ48GMLT0		
Dimension	840*204*840	840*204*840	840*204*840	840*288*840	840*288*840		
Outdoor Unit						KOREA	
	AUUQ18GH1	AUUQ24GH1	AUUQ36GH1	AUUQ42GH1	ATUQ48GMLT0		
Dimension	770*545*288	870*655*320	950*834*330	950*834*330	950*1,380*330		

Ceiling Suspended

Phase	1Ø				Origin	Energy Labeling Scheme
kBtu/h	18	24	36	42		
Indoor Unit					CHINA	
	AVNQ18GJLA0	AVNQ24GJLA0	AVNQ36GKLA0	AVNQ42GLLA0		
Dimension	950*650*220	950*650*220	1,350*650*220	1,750*650*220		
Outdoor Unit					KOREA	
	AUUQ18GH1	AUUQ24GH1	AUUQ36GH1	AUUQ42GH1		
Dimension	770*545*288	870*655*320	950*834*330	950*834*330		

Ceiling Concealed Duct

Phase	1Ø									Origin
kBtu/h	Low Static Duct				Middle Static Duct					
	9	12	18	24	18	24	36	48	54	
Indoor Unit										KOREA
	ABNQ09GL1A0	ABNQ12GL2A0	ABNQ18GL2A1	ABNQ24GL3A1	ABNQ18GM1A2	ABNQ24GM1A2	ABNQ36GM2A2	ABNQ48GM3A2	ABNQ54GM3A2	
Dimension	700*190*700	900*190*700	900*190*700	1,000*190*700	900*270*700	900*270*700	1,250*270*700	1,250*360*700	1,250*360*700	
Outdoor Unit										KOREA
	ABUQ09GL1A0	ABUQ12GL2A0	AUUQ18GH2	AUUQ24GH2	AUUQ18GH2	AUUQ24GH2	AUUQ36GH2	AUUQ48GH2	AUUQ54GH2	
Dimension	770*540*245	770*540*245	770*545*288	870*655*320	770*545*288	870*655*320	950*834*330	950*834*330	950*1,170*330	

Floor Standing

Phase	3Ø		Origin
kBtu/h	36	48	
Indoor Unit			KOREA
	APNQ36GRA1	APNQ48GTA1	
Dimension	590*1,840 *320	590*1,840*460	
Outdoor Unit			KOREA
	AUUQ36LH1	AUUQ48LH1	
Dimension	950*834*330	950*834*330	

CEILING CASSETTE

18K 24K 36K, 42K 48K

Indoor Unit				ATNQ18GPLE3	ATNQ24GNLE3	ATNQ36GMLE3	ATNQ42GMLE3	ATNQ48GMLT0
Power Supply			V / Ø / Hz	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 230, 1, 60
Dimensions	Body	W x H x D	mm	840 × 204 × 840	840 × 246 × 840	840 × 288 × 840	840 × 288 × 840	840 × 288 × 840
Net Weight	Body		kg (lbs)	20.5 (45.2)	22.0 (48.5)	24.6 (54.2)	0	28.0 (61.7)
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Air Flow Rate	H / M / L	m3/min	17.0 / 15.0 / 13.0	23.0 / 21.0 / 19.0	30.0 / 28.0 / 26.0	32.0 / 30.0 / 28.0	32.0 / 30.0 / 28.0
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC	BLDC
	Output		W x No.	40 x 1	166.3 x 1	166.3 x 1	135.8 x 1	135.8 x 1
Dehumidification Rate			l/h (pts/h)	2.1 (4.5)	2.5 (5.3)	2.7 (5.7)	3.4 (7.2)	3.6 (7.7)
Sound Pressure Level		H / M / L	dB(A)	36 / 34 / 32	40 / 38 / 36	43 / 41 / 39	44 / 42 / 40	44 / 42 / 40
Piping Connections	Liquid		mm(inch)	Ø 6.35 (1/4)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas		mm(inch)	Ø 12.7 (1/2)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 19.05 (3/4)
	Drain (O.D. / I.D.)		mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0
Safety Devices			-	Fuse	Fuse	Fuse	Fuse	Fuse
Power and Communication Cable (included Earth)			No. x mm^2 (AWG)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)
Decoration Panel	Model Name		-	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Casing Color		-	Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	W x H x D	mm	950 × 25 × 950	950 × 25 × 950	950 × 25 × 950	950 × 25 × 950	950 × 25 × 950
	Net weight		kg (lbs)	5.0 (11.0)	5.0 (11.0)	5.0 (11.0)	5.0 (11.0)	5.0 (11.0)

Outdoor Unit				AUUQ18GH1	AUUQ24GH1	AUUQ36GH1	AUUQ42GH1	ATUQ48GMLT0
Capacity	Cooling	Rated	kW	5.01	7	10	12.5	13.48
		Rated	Btu/h	17100	23900	34100	42700	46000
Power Input	Cooling	Rated	kW	1.45	1.92	2.90	3.73	3.96
Running Current	Cooling	Rated	A	6.3	8.35	12.6	16.2	17.2
EER / COP			W / W	3.45 / -	3.65 / -	3.45 / -	3.35 / -	3.40 / -
Power Supply			V , Ø , Hz	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 230, 1, 60
Dimensions		W x H x D	mm	770 × 545 × 288	870 × 655 × 320	950 × 834 × 330	950 × 834 × 330	950 × 1,380 × 330
Net Weight			kg (lbs)	36.0 (79.4)	44.0 (97.0)	65.0 (143.3)	67.0 (147.7)	92.0 (202.8)
Compressor	Type		-	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
	Motor type		-	BLDC	BLDC	BLDC	BLDC	BLDC
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Precharged Amount		g (oz)	900 (31.7)	1,100 (38.8)	1,900 (67.0)	2,300 (81.1)	3,400 (119.9)
	Chargeless-Pipe Length		m (ft)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)
	Additional Charging Volume		g/m (oz/ft)	20 (0.22)	40 (0.43)	40 (0.43)	40 (0.43)	40 (0.43)
Fan	Type		-	Propeller	Propeller	Propeller	Propeller	Propeller
	Air Flow Rate		m^3/min x No	'50 x 1	'50 x 1	'58 x 1	'60 x 1	'70 x 2
Fan Motor	Type			BLDC	BLDC	BLDC	BLDC	BLDC
Sound Pressure Level	Cooling	Rated	dB(A)	47	48	48	52	55
Piping Connections	Liquid	Outer Dia.	mm(inch)	Ø 6.35 (1/4)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas	Outer Dia.	mm(inch)	Ø 12.7 (1/2)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 19.05 (3/4)
Piping Length		Max.	m (ft)	'30 (98.4)	'50 (164.0)	'50 (164.0)	'50 (164.0)	'50 (164.0)
Maximum Height Difference	Outdoor Unit - Indoor Unit	Max.	m (ft)	'15 (49.2)	'30 (98.4)	'30 (98.4)	'30 (98.4)	'30 (98.4)
Operation Range (Outdoor Temperature)	Cooling	Min. ~ Max.	°C DB (°F DB)	'-5 (23.0) ~ 48 (118.4)	'-5 (23.0) ~ 48 (118.4)	'-5 (23.0) ~ 48 (118.4)	'-5 (23.0) ~ 48 (118.4)	'0 (32.0) ~ 54 (129.2)

CEILING SUSPENDED

18K, 24K

36K

42K

18K

24K

36K, 42K

Indoor Unit				AVNQ18GJLA0	AVNQ24GJLA0	AVNQ36GKLA0	AVNQ42GLLA0
Power Supply			V / Ø / Hz	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60
Dimensions	Body	W x H x D	mm	950 × 650 × 220	840 × 246 × 840	840 × 288 × 840	840 × 288 × 840
Net Weight	Body		kg (lbs)	20.5 (45.2)	22.0 (48.5)	24.6 (54.2)	0
Fan	Type		-	Cross flow fan	Turbo Fan	Turbo Fan	Turbo Fan
	Air Flow Rate	H / M / L	m^3/min	12.4 / 11.4 / 10.4	12.4 / 11.4 / 10.4	21.4 / 19.8 / 18.2	28.6 / 26.9 / 25.2
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC
	Output		W x No.	60 x 1	60 x 1	60 x 1	60 x 2
Dehumidification Rate			l/h (pts/h)	2.1 (4.5)	2.5 (5.3)	2.7 (5.7)	2.7 (5.7)
Sound Pressure Level		H / M / L	dB(A)	44 / 43 / 41	44 / 43 / 41	45 / 43 / 41	47 / 46 / 44
Piping Connections	Liquid		mm(inch)	Ø 6.35 (1/4)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas		mm(inch)	Ø 12.7 (1/2)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Drain (O.D. / I.D.)		mm	Ø 21.5 / 16.0	Ø 21.5 / 16.0	Ø 21.5 / 16.0	Ø 21.5 / 16.0
Safety Devices			-	Fuse	Fuse	Fuse	Fuse
Power and Communication Cable (included Earth)			No. x mm^2 (AWG)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)

Outdoor Unit				AUUQ18GH1	AUUQ24GH1	AUUQ36GH1	AUUQ42GH1
Capacity	Cooling	Rated	kW	5.01	7	10	12.5
		Rated	Btu/h	17100	23900	34100	42700
Power Input	Cooling	Rated	kW	1.45	1.92	2.90	3.73
Running Current	Cooling	Rated	A	6.3	8.35	12.6	16.2
EER / COP			W / W	3.45 / -	3.65 / -	3.45 / -	3.35 / -
Power Supply			V , Ø , Hz	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60
Dimensions		W x H x D	mm	770 × 545 × 288	870 × 655 × 320	950 × 834 × 330	950 × 834 × 330
Net Weight			kg (lbs)	36.0 (79.4)	44.0 (97.0)	65.0 (143.3)	67.0 (147.7)
Compressor	Type		-	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
	Motor type		-	BLDC	BLDC	BLDC	BLDC
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Precharged Amount		g (oz)	900 (31.7)	1,100 (38.8)	1,900 (67.0)	2,300 (81.1)
	Chargeless-Pipe Length		m (ft)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)
	Additional Charging Volume		g/m (oz/ft)	20 (0.22)	40 (0.43)	40 (0.43)	40 (0.43)
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Air Flow Rate		m^3/min x No	‘50 x 1	‘50 x 1	‘58 x 1	‘60 x 1
Fan Motor	Type			BLDC	BLDC	BLDC	BLDC
Sound Pressure Level	Cooling	Rated	dB(A)	47	48	48	52
Piping Connections	Liquid	Outer Dia.	mm(inch)	Ø 6.35 (1/4)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas	Outer Dia.	mm(inch)	Ø 12.7 (1/2)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
Piping Length		Max.	m (ft)	‘30 (98.4)	‘50 (164.0)	‘50 (164.0)	‘50 (164.0)
Maximum Height Difference	Outdoor Unit ~ Indoor Unit	Max.	m (ft)	‘15 (49.2)	‘30 (98.4)	‘30 (98.4)	‘30 (98.4)
Operation Range (Outdoor Temperature)	Cooling	Min. ~ Max.	°C DB (°F DB)	‘-5 (23.0) ~ 48 (118.4)	‘-5 (23.0) ~ 48 (118.4)	‘-5 (23.0) ~ 48 (118.4)	‘-5 (23.0) ~ 48 (118.4)

LOW STATIC DUCT

9K, 12K

18K

24K

Indoor Unit				ABNQ09GL1A0	ABNQ12GL2A0	ABNQ18GL2A1	ABNQ24GL3A1
Power Supply			V / Ø / Hz	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60
Dimensions	Body	W x H x D	mm	820 × 190 × 575	820 × 190 × 575	900 × 190 × 700	1,000 × 190 × 700
Net Weight	Body		kg (lbs)	20.5 (45.2)	20.5 (45.2)	23.0 (50.7)	27.0 (59.5)
Fan	Type		-	Sirocco fan	Sirocco fan	Sirocco Fan	Sirocco Fan
	Air Flow Rate	H / M / L	m^3/min	8.5 / 7.5 / 6.5	9.5 / 8.5 / 7.5	15.0 / 12.5 / 10.0	20.0 / 16.0 / 12.0
		External Static ressure	Pa (mmAq)	39 (4)	39 (4)	25 (2.54)	25 (2.54)
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC
	Output		W x No.	(5 x 1) + (19 x 1)	(5 x 1) + (19 x 1)	19 x 1	19 x 2
Dehumidification Rate			l/h (pts/h)	31 / 26 / 25	33 / 31 / 26	2.1 (4.5)	2.5 (5.3)
Sound Pressure Level		H / M / L	dB(A)	-	-	36 / 34 / 31	39 / 35 / 32
Piping Connections	Liquid		mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 6.35 (1/4)	Ø 9.52 (3/8)
	Gas		mm(inch)	Ø 12.7 (1/2)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Drain (O.D. / I.D.)		mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 12.7 (1/2)	Ø 15.88 (5/8)
Safety Devices			-	Fuse	Fuse	Ø 25.4(1) / 20.4(13/16)	Ø 25.4(1) / 20.4(13/16)
Power and Communication Cable (included Earth)			No. x mm^2 (AWG)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)

Outdoor Unit				ABUQ09GL1A0	ABUQ12GL2A0	AUUQ18GH2	AUUQ24GH2
Capacity	Cooling	Rated	kW	2.5	3.4	5	7
		Rated	Btu/h	8500	11600	17060	23880
Power Input	Cooling	Rated	kW	0.70	1.00	1.54	2.31
Running Current	Cooling	Rated	A	3.1	4.3	6.7	10
EER / COP			W / W	3.57 / -	3.40 / -	3.25	3.03
Power Supply			V , Ø , Hz	220-240 , 1 , 50	220-240 , 1 , 50	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60
Dimensions		W x H x D	mm	770 x 540 x 245	770 x 540 x 245	770 × 545 × 288	870 × 655 × 320
Net Weight			kg (lbs)	32.0 (70.5)	32.0 (70.5)	35.3 (77.8)	41.0 (90.4)
Compressor	Type		-	Rotary	Rotary	Twin Rotary	Twin Rotary
	Motor type		-	BLDC	BLDC	BLDC	BLDC
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Precharged Amount		g (oz)	1,000 (35.3)	1,000 (35.3)	800 (28.2)	1,000 (35.3)
	Chargeless-Pipe Length		m (ft)	7.5 (24.6)	7.5 (24.6)	15 (49.2)	15 (49.2)
	Additional Charging Volume		g/m (oz/ft)	20 (0.22)	20 (0.22)	20 (0.22)	20 (0.22)
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Air Flow Rate		m^3/min x No	32 x 1	32 x 1	47 x 1	50 x 1
Fan Motor	Type			BLDC	BLDC	BLDC	BLDC
Sound Pressure Level	Cooling	Rated	dB(A)	47	47	47	48
Piping Connections	Liquid	Outer Dia.	mm(inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 9.52 (3/8)
	Gas	Outer Dia.	mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)	Ø 15.88 (5/8)
Piping Length		Max.	m (ft)	30 (98.4)	50 (164.0)	30 (98.4)	50 (164.0)
Maximum Height Difference	Outdoor Unit ~ Indoor Unit	Max.	m (ft)	10 (32.8)	10 (32.8)	15 (49.2)	30 (98.4)
Operation Range (Outdoor Temperature)	Cooling	Min. ~ Max.	°C DB (°F DB)	-10 (14) ~ 43 (109.4)	-10 (14) ~ 43 (109.4)	-5 (23.0) ~ 48 (118.4)	-5 (23.0) ~ 48 (118.4)

MIDDLE STATIC DUCT

18K 24K 36K, 48K 54K

Indoor Unit				ABNQ18GM1A2	ABNQ24GM1A2	ABNQ36GM2A2	ABNQ48GM3A2	ABNQ54GM3A2
Power Supply			V / Ø / Hz	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60
Dimensions	Body	W x H x D	mm	900 × 270 × 700	900 × 270 × 700	1,250 × 270 × 700	1,250 × 360 × 700	1,250 × 360 × 700
Net Weight	Body		kg (lbs)	23.1 (50.9)	24.2 (53.4)	35.1 (77.4)	40.0 (88.2)	42.3 (93.3)
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Air Flow Rate	H / M / L	m^3/min	16.5 / 14.5 / 13.0	18.0 / 16.5 / 14.0	32.0 / 28.0 / 23.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
		External Static pressure		8 (78)	8 (78)	10 (98)	6 (59)	6 (59)
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC	BLDC
	Output		W x No.	136.5 x 1	136.5 x 1	350 x 1	350 x 1	400 x 1
Dehumidification Rate			l/h (pts/h)	1.2 (2.6)	1.6 (3.4)	2.7 (5.7)	3.0 (6.3)	3.9 (8.2)
Sound Pressure Level		H / M / L	dB(A)	37 / 39 / 36	42 / 39 / 36	42 / 39 / 36	44 / 42 / 40	46 / 44 / 42
Piping Connections	Liquid		mm(inch)	Ø 6.35 (1/4)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas		mm(inch)	Ø 12.7 (1/2)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 19.05 (3/4)
	Drain (O.D. / I.D.)		mm	Ø 32.0(1-1/4) / 25.0(31/32)	Ø 32.0(1-1/4) / 25.0(31/33)	Ø 32.0(1-1/4) / 25.0(31/34)	Ø 32.0(1-1/4) / 25.0(31/35)	Ø 32.0(1-1/4) / 25.0(31/36)
Safety Devices			-	Fuse	Fuse	Fuse	Fuse	Fuse
Power and Communication Cable (included Earth)			No. x mm^2 (AWG)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)

Outdoor Unit				AUUQ18GH2	AUUQ24GH2	AUUQ36GH2	AUUQ48GH2	AUUQ54GH2
Capacity	Cooling	Rated	kW	5	7	10	13.4	15.8
		Rated	Btu/h	17060	23880	34120	45720	53910
Power Input	Cooling	Rated	kW	1.65	2.16	3.3	4.42	5.21
Running Current	Cooling	Rated	A	7.2	9.4	14.3	19.2	22.7
EER / COP			W / W	3.03	3.24	3.03	3.03	3.03
Power Supply			V , Ø , Hz	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60	220-240, 1, 50 220, 1, 60
Dimensions		W x H x D	mm	770 × 545 × 288	870 × 655 × 320	950 × 834 × 330	950 × 834 × 330	950 × 1,170 × 330
Net Weight			kg (lbs)	35.3 (77.8)	41.0 (90.4)	56.0 (123)	61.5 (135.6)	79.1 (174.4)
Compressor	Type		-	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
	Motor type		-	BLDC	BLDC	BLDC	BLDC	BLDC
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Precharged Amount		g (oz)	800 (28.2)	1,000 (35.3)	1,500 (52.9)	1,900 (67.0)	2,400 (84.7)
	Chargeless-Pipe Length		m (ft)	15 (49.2)	15 (49.2)	15 (49.2)	15 (49.2)	15 (49.2)
	Additional Charging Volume		g/m (oz/ft)	20 (0.22)	20 (0.22)	20 (0.22)	20 (0.22)	20 (0.22)
Fan	Type		-	Propeller	Propeller	Propeller	Propeller	Propeller
	Air Flow Rate		m^3/min x No	47 x 1	50 x 1	58 x 1	58 x 1	45 x 2
Fan Motor	Type			BLDC	BLDC	BLDC	BLDC	BLDC
Sound Pressure Level	Cooling	Rated	dB(A)	47	48	51	55	55
Piping Connections	Liquid	Outer Dia.	mm(inch)	Ø 6.35 (1/4)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas	Outer Dia.	mm(inch)	Ø 12.7 (1/2)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 19.05 (3/4)
Piping Length		Max.	m (ft)	30 (98.4)	50 (164.0)	50 (164.0)	50 (164.0)	50 (164.0)
Maximum Height Difference	Outdoor Unit ~ Indoor Unit	Max.	m (ft)	15 (49.2)	30 (98.4)	30 (98.4)	30 (98.4)	30 (98.4)
Operation Range (Outdoor Temperature)	Cooling	Min. ~ Max.	°C DB (°F DB)	-5 (23.0) ~ 48 (118.4)	-5 (23.0) ~ 48 (118.4)	-5 (23.0) ~ 48 (118.4)	-5 (23.0) ~ 48 (118.4)	-5 (23.0) ~ 48 (118.4)

FLOOR STANDING

36K, 48K

Indoor Unit				APNQ36GRA1	APNQ48GTA1
Power Supply			V / Ø / Hz	220-240, 1, 50 / 220, 1, 60	220-240, 1, 50 / 220, 1, 60
Dimensions	Body	W x H x D	mm	590 × 1,840 × 320	590 × 1,840 × 460
Net Weight	Body		kg (lbs)	36.0 (79.4)	49.0 (108.0)
Fan	Type		-	Sirocco	Sirocco
	Air Flow Rate	H / M / L	m3/min	23.5 / 21.0 / 17.0 / 14.0	38.0 / 32.0 / 28.0 / 24.0
Fan Motor	Type		-	BLDC	BLDC
	Type		W x No.	104 x 1	224 x 1
Dehumidification Rate			l/h (pts/h)	4.3 (9.1)	5.2 (11.0)
Sound Pressure Level		H / M / L	dB(A)	54 / 50 / 46 / 43	56 / 53 / 50 / 47
Piping Connections	Liquid		mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas		mm(inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Drain (O.D. / I.D.)		mm	Ø 21.0 / 17.0	Ø 21.0 / 17.0
Safety Devices			-	Fuse	Fuse
Power and Communication Cable (included Earth)			No. x mm2 (AWG)	4C x 0.75(18)	3C x 1.0 (18)

Outdoor Unit				AUUQ36LH1	AUUQ48LH1
Capacity	Cooling	Rated	kW	10.55	14.07
		Rated	Btu/h	3	48000
Power Input	Cooling	Rated	kW	1.45	4.66
Running Current	Cooling	Rated	A	4.9	7.8
EER / COP			W / W	3.52 / -	3.02 / -
Power Supply			V , Ø , Hz	380-415, 3, 50 380, 3, 60	380-415, 3, 50 380, 3, 60
Dimensions		W x H x D	mm	950 × 834 × 330	950 × 834 × 330
Net Weight			kg (lbs)	65.0 (143.3)	67.0 (147.7)
Compressor	Type		-	Twin Rotary	Twin Rotary
	Motor type		-	BLDC	BLDC
Refrigerant	Type		-	R410A	R410A
	Precharged Amount		g (oz)	1,900 (67.0)	2,300 (81.1)
	Chargeless-Pipe Length		m (ft)	7.5 (24.6)	7.5 (24.6)
	Additional Charging Volume		g/m (oz/ft)	20 (0.22)	20(0.22)
Fan	Type		-	Propeller	Propeller
	Air Flow Rate		m^3/min x No	'60 x 1	'60 x 1
Fan Motor	Type			BLDC	BLDC
Sound Pressure Level	Cooling	Rated	dB(A)	52	56
Piping Connections	Liquid	Outer Dia.	mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas	Outer Dia.	mm(inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
Piping Length		Max.	m (ft)	'50 (164.0)	'50 (164.0)
Maximum Height Difference	Outdoor Unit - Indoor Unit	Max.	m (ft)	'30 (98.4)	'30 (98.4)
Operation Range (Outdoor Temperature)	Cooling	Min. ~ Max.	°C DB (°F DB)	'-5 (23.0) ~ 48 (118.4)	'-5 (23.0) ~ 48 (118.4)

RESIDENTIAL LINE-UP

INVETER MULTI

Stylish | **Perfect Helthcare** | **Energy Efficiency** | **Comfort** | **Power cooling**

ARTCOOL

AMNC09/12GDBRO
AMNC18/24GDCRO

Stylish Design · Filtering · Deodorizing · Eliminating · Ionizing · Auto Cleaning

Energy Saving · Silent 19dB · Jet Cool · 4 Way Swing

ARTCOOL

AMNC09/12GDBWO
AMNC18/24GDCWO

Stylish Design · Filtering · Deodorizing · Eliminating · Ionizing · Auto Cleaning

Energy Saving · Silent 19dB · Jet Cool · 4 Way Swing

Health+

AMNC09/12GDBA2
AMNC18/24GDCA2

Filtering · Deodorizing · Eliminating · Auto Cleaning

Energy Saving · Silent 19dB · Jet Cool · 4 Way Swing

Outdoor Model	Energy Labeling Scheme	Origin	Refrigerant
A4UQ26GFA2 up to 4 indoor Units	NEW	KOREA	R32
A4UQ26GFA1 up to 4 indoor Units		KOREA	
A2UQ18GFA1 up to 2 indoor Units	NEW	KOREA	
A4UQ30GFA0 up to 4 indoor Units		KOREA	
A4UQ26GFA0 up to 4 indoor Units		KOREA	
A2UQ18GFA0 up to 2 indoor Units		KOREA	

WALL MOUNTED / WINDOW AIR CONDITIONERS

Wall Mounted

BSNQ096J3A3
BSNQ126J3A0
BSNQ186K3A0
BSNQ246K3A0

Filtering · Deodorizing · Auto Cleaning

Silent 19dB · Jet Cool · 4 Way Swing

Window

UWC096CBAB1
UWC126CBAB1

Filtering

Jet Cool · 4 Way Swing

Window

UWC186NBAB1

Filtering

Jet Cool · 4 Way Swing

Outdoor Model	Energy Labeling Scheme	Origin	Refrigerant
BSUQ096J3A3		THAILAND	R410A
BSUQ126J3A0		THAILAND	
BSUQ186K3A0		THAILAND	
BSUQ246K3A0		THAILAND	
UWC096CBAB1		CHINA	
UWC126CBAB1		CHINA	
UWC186NBAB1		CHINA	

ARTCOOL

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AMNC09/12GDBR0
AMNC18/24GDCR0

AMNC09/12GDBW0
AMNC18/24GDCW0

Health+

Filtering · Deodorizing · Eliminating · Auto Cleaning · Energy Saving · Silent 19dB · Jet Cool · 4 Way Swing

AMNC09/12GDBA2
AMNC18/24GDCA2

UP to 4 Rooms

A4UQ26GFA2

Outdoor				A4UQ26GFA2
Indoor				**[ArtCool] AMNC09/12GDB*0, AMNC18/24GDC*0 [Health+] AMNC09/12GDBA2, AMNC18/24GDCA2**
No. of connectable indoor units (System)				4
Function & type				Cooling, Wall Mounted
Capacity			kW	Please refer to the combination table
Power input			kW	
Running current			A	
Full load COP				5.00
Weighted COP**				5.54
Airflow		H / M / L	CMM	AMNC09GDB*0, AMNC09GDBA2 : 7.0 / 6.5 / 6.0 AMNC12GDB*0, AMNC12GDBA2 : 9.5 / 9.0 / 8.5 AMNC18GDC*0 : 12.0 / 10.0 / 8.2, AMNC18GDCA2 : 16.2 / 14.2 / 12.3 AMNC24GDC*0 : 14.2 / 12.0 / 10.2, AMNC24GDCA2 : 20.4 / 17.0 / 13.2
Dimension	Indoor	W x H x D	mm	AMNC09/12GDB*0 : 895 × 285 × 205, AMNC09/12GDBA2: 875 × 295 × 235 AMNC18/24GDC*0 : 1,030 × 325 × 250, AMNC18/24GDCA2: 1,030 × 325 × 255
	Outdoor	W x H x D	mm	870 × 655 × 320
Net Weight	Indoor		kg(lbs)	AMNC09/12GDB*0 : 11.0 (24.3), AMNC09/12GDBA2 : 11.0 (24.3) AMNC18/24GDC*0 : 15.5 (34.2), AMNC18/24GDCA2 : 13.0 (28.7)
	Outdoor		kg(lbs)	45(99.2)
Noise level***	Indoor	H / M / L	dB(A)±3	AMNC09GDB*0, AMNC09GDBA2 : 33 / 30 / 27 AMNC12GDB*0, AMNC12GDBA2 : 39 / 36 / 31 AMNC18GDC*0 AMNC18GDCA2 : 37 / 33 / 28 AMNC24GDC*0 AMNC24GDCA2 : 42 / 39 / 36
	Outdoor		dB(A)±3	48
External Piping	Diameter	Liquid (Ø)	mm (inch)	Ø 6.35 (1/4)
		Gas (Ø)	mm (inch)	AMNC09/12GDB*0, AMNC09/12GDBA2 : Ø 9.52 (3/8) AMNC18/24GDB*0, AMNC18/24GDBA2 : Ø 12.7 (1/2)
	Max. length(Total / Each)		m	60 / 25
	Max. height difference		m	15
Power supply			(Ø) / V / Hz	220-240 / 1 / 50
Energy Labeling Scheme				

* R: Mirror(Black Color), W: White Color / ** Tested based on NEA energy labelling cheme / *** Noise level is measured in anechoic chanmbers

ARTCOOL

Stylish Design · Filtering · Deodorizing · Eliminating · Ionizing · Auto Cleaning · Energy Saving · Silent 19dB · Jet Cool · 4 Way Swing

AMNC09/12GDBR0
AMNC18/24GDCR0

AMNC09/12GDBW0
AMNC18/24GDCW0

Health+

Filtering · Deodorizing · Eliminating · Auto Cleaning · Energy Saving · Silent 19dB · Jet Cool · 4 Way Swing

AMNC09/12GDBA2
AMNC18/24GDCA2

UP to 4 Rooms

A4UQ26GFA1

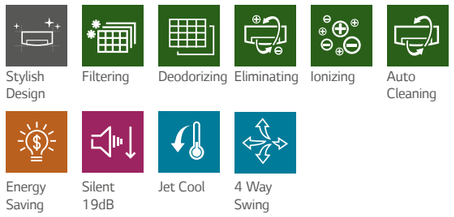
UP to 2 Rooms

A2UQ18GFA1

Outdoor				A4UQ26GFA1	A2UQ18GFA1
Indoor				**[ArtCool] AMNC09/12GDB*0, AMNC18/24GDC*0 [Health+] AMNC09/12GDBA2, AMNC18/24GDCA2**	
No. of connectable indoor units (System)				4	2
Function & type				Cooling, Wall Mounted	
Capacity			kW	Please refer to the combination table	
Power input			kW		
Running current			A		
Full load COP				4.50	4.47
Weighted COP**				5.11	4.91
Airflow		H / M / L	CMM	AMNC09GDB*0, AMNC09GDBA2 : 7.0 / 6.5 / 6.0 AMNC12GDB*0, AMNC12GDBA2 : 9.5 / 9.0 / 8.5 AMNC18GDC*0 : 12.0 / 10.0 / 8.2, AMNC18GDCA2 : 16.2 / 14.2 / 12.3 AMNC24GDC*0 : 14.2 / 12.0 / 10.2, AMNC24GDCA2 : 20.4 / 17.0 / 13.2	
Dimension	Indoor	W x H x D	mm	AMNC09/12GDB*0 : 895 × 285 × 205, AMNC09/12GDBA2: 875 × 295 × 235 AMNC18/24GDC*0 : 1,030 × 325 × 250, AMNC18/24GDCA2: 1,030 × 325 × 255	
	Outdoor	W x H x D	mm	870 × 655 × 320	770 × 545 × 288
Net Weight	Indoor		kg(lbs)	AMNC09/12GDB*0 : 11.0 (24.3), AMNC09/12GDBA2 : 11.0 (24.3) AMNC18/24GDC*0 : 15.5 (34.2), AMNC18/24GDCA2 : 13.0 (28.7)	
	Outdoor		kg(lbs)	45(99.2)	36(79.4)
Noise level***	Indoor	H / M / L	dB(A)±3	AMNC09GDB*0, AMNC09GDBA2 : 33 / 30 / 27 AMNC12GDB*0, AMNC12GDBA2 : 39 / 36 / 31 AMNC18GDC*0 AMNC18GDCA2 : 37 / 33 / 28 AMNC24GDC*0 AMNC24GDCA2 : 42 / 39 / 36	
	Outdoor		dB(A)±3	48	48
External Piping	Diameter	Liquid (Ø)	mm (inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)
		Gas (Ø)	mm (inch)	AMNC09/12GDB*0, AMNC09/12GDBA2 : Ø 9.52 (3/8) AMNC18/24GDB*0, AMNC18/24GDBA2 : Ø 12.7 (1/2)	
	Max. length(Total / Each)		m	60 / 25	30 / 20
	Max. height difference		m	15	15
Power supply			(Ø) / V / Hz	220-240 / 1 / 50	220-240 / 1 / 50
Energy Labeling Scheme					

* R: Mirror(Black Color), W: White Color / ** Tested based on NEA energy labelling cheme / *** Noise level is measured in anechoic chanmbers

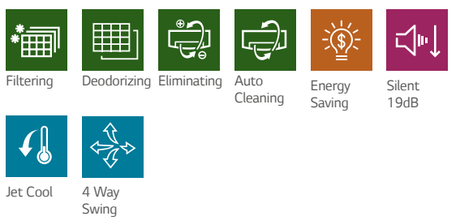
ARTCOOL



AMNC09/12GDBR0
AMNC18/24GDCR0

AMNC09/12GDBW0
AMNC18/24GDCW0

Health+



AMNC09/12GDBA2
AMNC18/24GDCA2

UP to 4 Rooms

A4UQ30GFA0

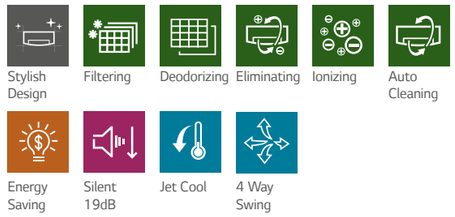
UP to 4 Rooms

A4UQ26GFA0

Outdoor				A4UQ30GFA0	A4UQ26GFA0
Indoor				[ArtCool] AMNC09/12GDB*0, AMNC18/24GDC*0 [Health+] AMNC09/12GDBA2, AMNC18/24GDCA2	
No. of connectable indoor units (System)				4	4
Function & type				Cooling, Wall Mounted	
Capacity			kW	Please refer to the combination table	
Power input			kW		
Running current			A		
Full load COP				3.93	4.05
Weighted COP**				4.96	5.09
Airflow		H / M / L	CMM	AMNC09GDB*0, AMNC09GDBA2 : 7.0 / 6.5 / 6.0 AMNC12GDB*0, AMNC12GDBA2 : 9.5 / 9.0 / 8.5 AMNC18GDC*0 : 12.0 / 10.0 / 8.2, AMNC18GDCA2 : 16.2 / 14.2 / 12.3 AMNC24GDC*0 : 14.2 / 12.0 / 10.2, AMNC24GDCA2 : 20.4 / 17.0 / 13.2	
Dimension	Indoor	W x H x D	mm	AMNC09/12GDB*0 : 895 × 285 × 205, AMNC09/12GDBA2: 875 × 295 × 235 AMNC18/24GDC*0 : 1,030 × 325 × 250, AMNC18/24GDCA2: 1,030 × 325 × 255	
	Outdoor	W x H x D	mm	950 × 834 × 330	870 × 655 × 320
Net Weight	Indoor		kg(lbs)	AMNC09/12GDB*0 : 11.0 (24.3), AMNC09/12GDBA2 : 11.0 (24.3) AMNC18/24GDC*0 : 15.5 (34.2), AMNC18/24GDCA2 : 13.0 (28.7)	
	Outdoor		kg(lbs)	64 (141.1)	45(99.2)
Noise level***	Indoor	H / M / L	dB(A)±3	AMNC09GDB*0, AMNC09GDBA2 : 33 / 30 / 27 AMNC12GDB*0, AMNC12GDBA2 : 39 / 36 / 31 AMNC18GDC*0 AMNC18GDCA2 : 37 / 33 / 28 AMNC24GDC*0 AMNC24GDCA2 : 42 / 39 / 36	
	Outdoor		dB(A)±3	50	48
External Piping	Diameter	Liquid (Ø)	mm (inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)
		Gas (Ø)	mm (inch)	AMNC09/12GDB*0, AMNC09/12GDBA2 : Ø 9.52 (3/8) AMNC18/24GDB*0, AMNC18/24GDBA2 : Ø 12.7 (1/2)	
	Max. length(Total / Each)		m	70 / 25	60 / 25
	Max. height difference		m	15	15
Power supply			(Ø) / V / Hz	220-240 / 1 / 50	220-240 / 1 / 50
Energy Labeling Scheme					

* R: Mirror(Black Color), W: White Color / ** Tested based on NEA energy labelling cheme / *** Noise level is measured in anechoic chanmbers

ARTCOOL



AMNC09/12GDBR0
AMNC18/24GDCR0

AMNC09/12GDBW0
AMNC18/24GDCW0

Health+

AMNC09/12GDBA2
AMNC18/24GDCA2

UP to 2 Rooms

A2UQ18GFA0

Outdoor				A2UQ18GFA0
Indoor				[ArtCool] AMNC09/12GDB*0, AMNC18/24GDC*0 [Standard] AMNC09/12GDBA2, AMNC18/24GDCA2
No. of connectable indoor units (System)				2
Function & type				Cooling, Wall Mounted
Capacity			kW	Please refer to the combination table
Power input			kW	
Running current			A	
Full load COP				3.73
Weighted COP**				4.68
Airflow		H / M / L	CMM	AMNC09GDB*0, AMNC09GDBA2 : 7.0 / 6.5 / 6.0 AMNC12GDB*0, AMNC12GDBA2 : 9.5 / 9.0 / 8.5 AMNC18GDC*0 : 12.0 / 10.0 / 8.2, AMNC18GDCA2 : 16.2 / 14.2 / 12.3 AMNC24GDC*0 : 14.2 / 12.0 / 10.2, AMNC24GDCA2 : 20.4 / 17.0 / 13.2
Dimension	Indoor	W x H x D	mm	AMNC09/12GDB*0 : 895 × 285 × 205, AMNC09/12GDBA2: 875 × 295 × 235 AMNC18/24GDC*0 : 1,030 × 325 × 250, AMNC18/24GDCA2: 1,030 × 325 × 255
	Outdoor	W x H x D	mm	770 × 545 × 288
Net Weight	Indoor		kg(lbs)	AMNC09/12GDB*0 : 11.0 (24.3), AMNC09/12GDBA2 : 11.0 (24.3) AMNC18/24GDC*0 : 15.5 (34.2), AMNC18/24GDCA2 : 13.0 (28.7)
	Outdoor		kg(lbs)	36(79.4)
Noise level***	Indoor	H / M / L	dB(A)±3	AMNC09GDB*0, AMNC09GDBA2 : 33 / 30 / 27 AMNC12GDB*0, AMNC12GDBA2 : 39 / 36 / 31 AMNC18GDC*0 AMNC18GDCA2 : 37 / 33 / 28 AMNC24GDC*0 AMNC24GDCA2 : 42 / 39 / 36
	Outdoor		dB(A)±3	48
External Piping	Diameter	Liquid (Ø)	mm (inch)	Ø 6.35 (1/4)
		Gas (Ø)	mm (inch)	AMNC09/12GDB*0, AMNC09/12GDBA2 : Ø 9.52 (3/8) AMNC18/24GDB*0, AMNC18/24GDBA2 : Ø 12.7 (1/2)
	Max. length(Total / Each)		m	30 / 20
	Max. height difference		m	15
Power supply			(Ø) / V / Hz	220-240 / 1 / 50
Energy Labeling Scheme				

* R: Mirror(Black Color), W: White Color / ** Tested based on NEA energy labelling cheme / *** Noise level is measured in anechoic chanmbers

WALL MOUNTED

BSNQ096J3A3/BSNQ126J3A0
BSNQ186K3A0/BSNQ246K3A0

BSUQ096J3A3 BSUQ126J3A0 BSUQ186K3A0 BSUQ246K3A0

MODEL			BSNQ096J3A3	BSNQ126J3A0	BSNQ186K3A0	BSNQ246K3A0
Cooling Capacity		W	2,506	3,517	5,275	6,301
		Btu/h.	8,550	12,000	18,000	21,500
Function & type	Cooling/Heating	W	810	1030	1470	1950
Running Current	Cooling/Heating	A	4.5	5.8	6.7	8.9
EER		W / W	3.48	3.41	3.59	3.23
Air Flow Rate	Indoor,Max	m^3/min	11	12	18	20
	Outdoor,Max	m^3/min	28	28	42	42
Moisture Removal		l/h.	0.4	1.25	1.6	1.73
Sound Level	Indoor,H/M/L/SL	dB(A) ±3	36/30/24/18	38/32/24/18	42/37/34/29	44/38/34/29
Outdoor,Max		dB(A) ±3	47	47	52	53
Standard Pipe length		m	7.5	7.5	7.5	7.5
Fan(Indoor)	Type		Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
Fan(Outdoor)	Type		Fan,Propeller	Fan,Propeller	Fan,Propeller	Fan,Propeller
Piping Connections	Liquid Side	mm	6.35	6.35	6.35	9.52
	Gas Side	mm	9.52	12.7	12.7	15.88
Dimensions	Indoor (W*H*D)	mm	837*302*189	837*302*189	998*330*210	998*330*210
	Outdoor (W*H*D)	mm	720*500*270	720*500*270	870*660*360	870*660*360
Net Weight	Indoor	kg	8.5	8.5	11.4	11.4
	Outdoor	kg	20.5	23.5	35.7	35.7
Energy Labeling Scheme						

Note:
1. Noise level is measured in anechoic chambers.
2. Recommended gap of 7 - 10 cm from the ceiling to the fancoil for optimized cooling.
3. Capacities are based on the following conditions:
   Cooling : Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB
   : Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB

WINDOW AIR CONDITIONERS

UWC096CBAB1

UWC126CBAB1

UWC186NBAB1

MODEL			UWC096CBAB1	UWC126CBAB1	UWC186NBAB1
Cooling Capacity		Btu/h	9,212	11,771	16,309
Cooling Capacity		W	2700	3450	4780
Power Input (nor)		W	880	1160	1560
Power Input (max)		W	1210	1600	2200
Running Current (nor)		A	3.9	5.3	7.1
Running Current (max)		A	5.7	7.9	11.3
Starting Current		A	15	24	28
Ticks			2	2	2
COP		W/W	3.07	2.97	3.06
Power Supply		Ø/V/Hz	1 / 230 / 50	1 / 230 / 50	1 / 230 / 50
Air Circulation	Indoor (Max) / outdoor (Max)	l/s	142 / 250	167 / 300	212 / 383
		m^3/min	8.5 / 15	10 / 18	12.7 / 23
Noise Power - Outdoor, Max		dB(A)	56	58	66
Noise Level (Sound Pressure,1m) - Indoor, High		dB(A) ±3	50	51	58
Temperature Control			Adjustable Thermostat		
Air Deflection Control			4-way		
Steps, Fan/Cool			2 / 3		
Airflow Direction Control (up & down)			Manual		
Airflow Direction Control (left & right)			Manual	Auto	Auto
Timer			-		
Air Discharge			Side by Side		
Auto Restart			Yes		
Cabinet Type (Chassis Type)			Slide In-Out		
Refrigerant (R410A) Charge		g	470	525	1100
Power Cord		AWG#: PXmm^2	3 x 1.0mm^2	3 x 1.0mm^2	3 x 1.5mm^2
Dimension (W x H x D)	Product	mm	600 x 380 x 567	600 x 380 x 567	660 x 428 x 770
	Box	mm	693 x 465 x 598	693 x 465 x 598	748 x 538 x 835
Net Weight		kg	36	43.5	55.5
		kg	39	46.5	59.5
Energy Labeling Scheme					

Note:
1. Noise level is measured in anechoic chambers.
2. Recommended gap of 7 - 10 cm from the ceiling to the fancoil for optimized cooling.
3. Capacities are based on the following conditions:
   Cooling : Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB
   : Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB

A4UQ26GFA1 (Cooling_Combination of 8.5 Ampere Limited)

Room	Combination (kW)					Each Capacity (kW)				Total Capacity (kW)			Total Input (kW)			Total Current (A)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1 Room	2.6	-	-	-	2.6	2.64	-	-	-	1.45	2.64	3.17	0.47	0.78	0.99	2.1	3.5	4.4
	3.5	-	-	-	3.5	3.52	-	-	-	1.93	3.52	4.22	0.53	0.88	1.29	2.4	3.9	5.7
	5.3	-	-	-	5.3	5.28	-	-	-	2.90	5.28	6.33	0.75	1.25	1.75	3.3	5.5	7.4
	7.0	-	-	-	7.0	7.03	-	-	-	3.87	7.03	7.62	1.06	1.63	1.90	4.7	7.8	8.5
2 Rooms	2.6	2.6	-	-	5.3	2.64	2.64	-	-	2.90	5.28	6.33	0.75	1.25	1.75	3.3	5.5	7.4
	2.6	3.5	-	-	6.2	2.64	3.52	-	-	3.38	6.15	7.62	0.88	1.47	1.90	3.9	6.5	8.5
	2.6	5.3	-	-	7.9	2.54	5.08	-	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	7.0	-	-	9.7	2.08	5.54	-	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	3.5	3.5	-	-	7.0	3.52	3.52	-	-	3.87	7.03	7.62	1.06	1.63	1.90	4.7	7.5	8.5
	3.5	5.3	-	-	8.8	3.05	4.57	-	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	3.5	7.0	-	-	10.6	2.54	5.08	-	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	5.3	5.3	-	-	10.6	3.81	3.81	-	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	5.3	7.0	-	-	12.3	3.27	4.35	-	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	7.0	7.0	-	-	14.1	3.81	3.81	-	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
3 Rooms	2.6	2.6	2.6	-	7.9	2.54	2.54	2.54	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	2.6	3.5	-	8.8	2.29	2.29	3.05	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	2.6	5.3	-	10.6	1.90	1.90	3.81	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	2.6	7.0	-	12.3	1.63	1.63	4.35	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	3.5	3.5	-	9.7	2.08	2.77	2.77	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	3.5	5.3	-	11.4	1.76	2.34	3.52	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	3.5	7.0	-	13.2	1.52	2.03	4.06	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	5.3	5.3	-	13.2	1.52	3.05	3.05	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	5.3	7.0	-	14.9	1.34	2.69	3.59	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	3.5	3.5	3.5	-	10.6	2.54	2.54	2.54	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	3.5	3.5	5.3	-	12.3	2.18	2.18	3.27	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	3.5	3.5	7.0	-	14.1	1.90	1.90	3.81	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	3.5	5.3	5.3	-	14.1	1.90	2.86	2.86	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	3.5	5.3	7.0	-	15.8	1.69	2.54	3.39	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	5.3	5.3	5.3	-	15.8	2.54	2.54	2.54	-	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
4 Rooms	2.6	2.6	2.6	2.6	10.6	1.90	1.90	1.90	1.90	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	2.6	2.6	3.5	11.4	1.76	1.76	1.76	2.34	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	2.6	2.6	5.3	13.2	1.52	1.52	1.52	3.05	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	2.6	2.6	7.0	14.9	1.34	1.34	1.34	3.59	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	2.6	3.5	3.5	12.3	1.63	1.63	2.18	2.18	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	2.6	3.5	5.3	14.1	1.43	1.43	1.90	2.86	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	2.6	3.5	7.0	15.8	1.27	1.27	1.69	3.39	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	2.6	5.3	5.3	15.8	1.27	1.27	2.54	2.54	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	3.5	3.5	3.5	13.2	1.52	2.03	2.03	2.03	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	2.6	3.5	3.5	5.3	14.9	1.34	1.79	1.79	2.69	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	3.5	3.5	3.5	3.5	14.1	1.90	1.90	1.90	1.90	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5
	3.5	3.5	3.5	5.3	15.8	1.69	1.69	1.69	2.54	4.19	7.03	7.62	1.14	1.63	1.90	5.1	7.5	8.5

A4UQ26GFA2 (Cooling_Combination of 8.5 Ampere Limited)

Room	Combination (kW)					Each Capacity (kW)				Total Capacity (kW)			Total Input (kW)			Total Current (A)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1 Room	2.6	-	-	-	2.6	2.64	-	-	-	1.45	2.64	3.17	0.47	0.78	0.99	2.1	3.5	4.4
	3.5	-	-	-	3.5	3.52	-	-	-	1.93	3.52	4.22	0.53	0.88	1.29	2.4	3.9	5.7
	5.3	-	-	-	5.3	5.28	-	-	-	2.90	5.28	6.33	0.75	1.25	1.62	3.3	5.5	7.4
	7.0	-	-	-	7.0	6.21	-	-	-	3.87	6.21	7.62	1.06	1.26	1.90	4.7	6.2	8.5
2 Rooms	2.6	2.6	-	-	5.3	2.64	2.64	-	-	2.90	5.28	6.33	0.75	1.25	1.62	3.3	5.5	7.4
	2.6	3.5	-	-	6.2	2.64	3.52	-	-	3.38	6.15	7.62	0.88	1.26	1.90	3.9	6.2	8.5
	2.6	5.3	-	-	7.9	2.07	4.14	-	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	7.0	-	-	9.7	1.69	4.52	-	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	3.5	3.5	-	-	7.0	3.11	3.11	-	-	3.87	6.21	7.62	1.06	1.26	1.90	4.7	6.2	8.5
	3.5	5.3	-	-	8.8	2.49	3.73	-	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	3.5	7.0	-	-	10.6	2.07	4.14	-	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	5.3	5.3	-	-	10.6	3.11	3.11	-	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	5.3	7.0	-	-	12.3	2.66	3.55	-	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	7.0	7.0	-	-	14.1	3.11	3.11	-	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
3 Rooms	2.6	2.6	2.6	-	7.9	2.07	2.07	2.07	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	2.6	3.5	-	8.8	1.86	1.86	2.49	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	2.6	5.3	-	10.6	1.55	1.55	3.11	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	2.6	7.0	-	12.3	1.33	1.33	3.55	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	3.5	3.5	-	9.7	1.69	2.26	2.26	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	3.5	5.3	-	11.4	1.43	1.91	2.87	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	3.5	7.0	-	13.2	1.24	1.66	3.31	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	5.3	5.3	-	13.2	1.24	2.49	2.49	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	5.3	7.0	-	14.9	1.10	2.19	2.92	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	3.5	3.5	3.5	-	10.6	2.07	2.07	2.07	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	3.5	3.5	5.3	-	12.3	1.78	1.78	2.66	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	3.5	3.5	7.0	-	14.1	1.55	1.55	3.11	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	3.5	5.3	5.3	-	14.1	1.55	2.33	2.33	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	3.5	5.3	7.0	-	15.8	1.38	2.07	2.76	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	5.3	5.3	5.3	-	15.8	2.07	2.07	2.07	-	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
4 Rooms	2.6	2.6	2.6	2.6	10.6	1.55	1.55	1.55	1.55	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	2.6	2.6	3.5	11.4	1.43	1.43	1.43	1.91	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	2.6	2.6	5.3	13.2	1.24	1.24	1.24	2.49	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	2.6	2.6	7.0	14.9	1.10	1.10	1.10	2.92	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	2.6	3.5	3.5	12.3	1.33	1.33	1.78	1.78	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	2.6	3.5	5.3	14.1	1.16	1.16	1.55	2.33	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	2.6	3.5	7.0	15.8	1.04	1.04	1.38	2.76	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	2.6	5.3	5.3	15.8	1.04	1.04	2.07	2.07	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	3.5	3.5	3.5	13.2	1.24	1.66	1.66	1.66	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	2.6	3.5	3.5	5.3	14.9	1.10	1.46	1.46	2.19	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	3.5	3.5	3.5	3.5	14.1	1.55	1.55	1.55	1.55	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5
	3.5	3.5	3.5	5.3	15.8	1.38	1.38	1.38	2.07	4.19	6.21	7.62	1.14	1.26	1.90	5.1	6.2	8.5

A2UQ18GFA0 (Cooling_Combination of 8.5 Ampere Limited)

Room	Combination (kW)			Each Capacity (kW)		Total Capacity (kW)			Total Input (kW)			Total Current (A)		
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1 Room	2.6	-	2.6	2.64	-	1.45	2.64	3.17	0.47	0.78	1.02	2.1	3.5	4.6
	3.5	-	3.5	3.52	-	1.93	3.52	4.22	0.53	0.90	1.31	2.4	4.1	5.9
	5.3	-	5.3	5.28	-	2.90	5.01	6.15	0.76	1.35	1.80	3.4	6.3	9.0
2 Rooms	2.6	2.6	5.3	2.51	2.51	2.9	5.01	6.15	0.77	1.35	1.8	3.4	6.3	9.0
	2.6	3.5	6.2	2.15	2.86	2.9	5.01	6.15	0.77	1.35	1.8	3.4	6.3	9.0
	2.6	5.3	7.9	1.67	3.34	2.9	5.01	6.15	0.77	1.35	1.8	3.4	6.3	9.0
	3.5	3.5	7.0	2.51	2.51	2.9	5.01	6.15	0.77	1.35	1.8	3.4	6.3	9.0
	3.5	5.3	8.8	2.00	3.01	2.9	5.01	6.15	0.77	1.35	1.8	3.4	6.3	9.0

A2UQ18GFA1 (Cooling_Combination of 8.5 Ampere Limited)

Room	Combination (kW)			Each Capacity (kW)		Total Capacity (kW)			Total Input (kW)			Total Current (A)		
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1 Room	2.6	-	2.6	2.64	-	1.45	2.64	3.17	0.47	0.78	1.02	2.1	3.5	4.6
	3.5	-	3.5	3.52	-	1.93	3.52	4.22	0.53	0.90	1.31	2.4	4.1	5.9
	5.3	-	5.3	4.63	-	2.90	4.63	5.83	0.76	1.08	1.88	3.4	5.5	8.5
2 Rooms	2.6	2.6	5.3	2.32	2.32	2.90	4.63	5.83	0.77	1.08	1.88	3.4	5.5	8.5
	2.6	3.5	6.2	1.98	2.65	2.90	4.63	5.83	0.77	1.08	1.88	3.4	5.5	8.5
	2.6	5.3	7.9	1.54	3.09	2.90	4.63	5.83	0.77	1.08	1.88	3.4	5.5	8.5
	3.5	3.5	7.0	2.32	2.32	2.90	4.63	5.83	0.77	1.08	1.88	3.4	5.5	8.5
	3.5	5.3	8.8	1.85	2.78	2.90	4.63	5.83	0.77	1.08	1.88	3.4	5.5	8.5

A4UQ26GFA0 (Cooling_Combination of 8.5 Ampere Limited)

Room	Combination (kW)					Each Capacity (kW)				Total Capacity (kW)			Total Input (kW)			Total Current (A)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1 Room	2.6	-	-	-	2.6	2.64	-	-	-	1.45	2.64	3.17	0.47	0.78	0.99	2.1	3.5	4.4
	3.5	-	-	-	3.5	3.52	-	-	-	1.93	3.52	4.22	0.53	0.88	1.29	2.4	3.9	5.7
	5.3	-	-	-	5.3	5.28	-	-	-	2.90	5.28	6.33	0.75	1.25	1.75	3.3	5.5	7.7
	7.0	-	-	-	7.0	7.03	-	-	-	3.87	7.03	7.62	1.06	1.77	1.90	4.7	7.8	8.5
2 Rooms	2.6	2.6	-	-	5.3	2.64	2.64	-	-	2.90	5.28	6.33	0.75	1.25	1.75	3.3	5.5	7.7
	2.6	3.5	-	-	6.2	2.64	3.52	-	-	3.38	6.15	7.62	0.88	1.47	1.90	3.9	6.5	8.5
	2.6	5.3	-	-	7.9	2.54	5.08	-	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	7.0	-	-	9.7	2.08	5.54	-	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	3.5	3.5	-	-	7.0	3.52	3.52	-	-	3.87	7.03	7.62	1.06	1.77	1.90	4.7	7.8	8.5
	3.5	5.3	-	-	8.8	3.05	4.57	-	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	3.5	7.0	-	-	10.6	2.54	5.08	-	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	5.3	5.3	-	-	10.6	3.81	3.81	-	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	5.3	7.0	-	-	12.3	3.27	4.35	-	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	7.0	7.0	-	-	14.1	3.81	3.81	-	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
3 Rooms	2.6	2.6	2.6	-	7.9	2.54	2.54	2.54	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	2.6	3.5	-	8.8	2.29	2.29	3.05	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	2.6	5.3	-	10.6	1.90	1.90	3.81	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	2.6	7.0	-	12.3	1.63	1.63	4.35	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	3.5	3.5	-	9.7	2.08	2.77	2.77	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	3.5	5.3	-	11.4	1.76	2.34	3.52	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	3.5	7.0	-	13.2	1.52	2.03	4.06	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	5.3	5.3	-	13.2	1.52	3.05	3.05	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	5.3	7.0	-	14.9	1.34	2.69	3.59	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	3.5	3.5	3.5	-	10.6	2.54	2.54	2.54	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	3.5	3.5	5.3	-	12.3	2.18	2.18	3.27	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	3.5	3.5	7.0	-	14.1	1.90	1.90	3.81	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	3.5	5.3	5.3	-	14.1	1.90	2.86	2.86	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	3.5	5.3	7.0	-	15.8	1.69	2.54	3.39	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	5.3	5.3	5.3	-	15.8	2.54	2.54	2.54	-	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
4 Rooms	2.6	2.6	2.6	2.6	10.6	1.90	1.90	1.90	1.90	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	2.6	2.6	3.5	11.4	1.76	1.76	1.76	2.34	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	2.6	2.6	5.3	13.2	1.52	1.52	1.52	3.05	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	2.6	2.6	7.0	14.9	1.34	1.34	1.34	3.59	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	2.6	3.5	3.5	12.3	1.63	1.63	2.18	2.18	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	2.6	3.5	5.3	14.1	1.43	1.43	1.90	2.86	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	2.6	3.5	7.0	15.8	1.27	1.27	1.69	3.39	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	2.6	5.3	5.3	15.8	1.27	1.27	2.54	2.54	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	3.5	3.5	3.5	13.2	1.52	2.03	2.03	2.03	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	2.6	3.5	3.5	5.3	14.9	1.34	1.79	1.79	2.69	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	3.5	3.5	3.5	3.5	14.1	1.90	1.90	1.90	1.90	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5
	3.5	3.5	3.5	5.3	15.8	1.69	1.69	1.69	2.54	4.19	7.62	7.62	1.14	1.90	1.90	5.1	8.5	8.5

Note :

1. Cooling Capacity is based on : indoor temp. 27℃DB, 19℃WB ; outdoor temp. 35℃DB
2. Due to our policy of innovation, some specifications may be changed without any notifications

A4UQ26GFA1 (Cooling_Combination of Full Ampere Load)

Room	Combination (kW)					Each Capacity (kW)				Total Capacity (kW)			Total Input (kW)			Total Current (A)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1 Room	2.6	-	-	-	2.6	2.64	-	-	-	1.45	2.64	3.17	0.47	0.78	0.99	2.1	3.5	11.0
	3.5	-	-	-	3.5	3.52	-	-	-	1.93	3.52	4.22	0.53	0.88	1.29	2.4	3.9	11.0
	5.3	-	-	-	5.3	5.28	-	-	-	2.90	5.28	6.33	0.75	1.25	1.62	3.3	5.5	11.0
	7.0	-	-	-	7.0	7.03	-	-	-	3.87	7.03	8.44	1.06	1.63	2.43	4.7	7.5	11.0
2 Rooms	2.6	2.6	-	-	5.3	2.64	2.64	-	-	2.90	5.28	6.33	0.75	1.25	1.62	3.3	5.5	11.0
	2.6	3.5	-	-	6.2	2.64	3.52	-	-	3.38	6.15	7.39	0.88	1.47	2.06	3.9	6.5	11.0
	2.6	5.3	-	-	7.9	2.54	5.08	-	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	7.0	-	-	9.7	2.08	5.54	-	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	3.5	3.5	-	-	7.0	3.52	3.52	-	-	3.87	7.03	8.44	1.06	1.63	2.43	4.7	7.5	11.0
	3.5	5.3	-	-	8.8	3.05	4.57	-	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	3.5	7.0	-	-	10.6	2.54	5.08	-	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	5.3	5.3	-	-	10.6	3.81	3.81	-	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	5.3	7.0	-	-	12.3	3.27	4.35	-	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	7.0	7.0	-	-	14.1	3.81	3.81	-	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
3 Rooms	2.6	2.6	2.6	-	7.9	2.54	2.54	2.54	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	2.6	3.5	-	8.8	2.29	2.29	3.05	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	2.6	5.3	-	10.6	1.90	1.90	3.81	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	2.6	7.0	-	12.3	1.63	1.63	4.35	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	4.4
	2.6	3.5	3.5	-	9.7	2.08	2.77	2.77	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	5.7
	2.6	3.5	5.3	-	11.4	1.76	2.34	3.52	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	7.4
	2.6	3.5	7.0	-	13.2	1.52	2.03	4.06	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	5.3	5.3	-	13.2	1.52	3.05	3.05	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	7.4
	2.6	5.3	7.0	-	14.9	1.34	2.69	3.59	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	9.1
	3.5	3.5	3.5	-	10.6	2.54	2.54	2.54	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	3.5	3.5	5.3	-	12.3	2.18	2.18	3.27	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	3.5	3.5	7.0	-	14.1	1.90	1.90	3.81	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	3.5	5.3	5.3	-	14.1	1.90	2.86	2.86	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	3.5	5.3	7.0	-	15.8	1.69	2.54	3.39	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	5.3	5.3	5.3	-	15.8	2.54	2.54	2.54	-	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
4 Rooms	2.6	2.6	2.6	2.6	10.6	1.90	1.90	1.90	1.90	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	2.6	2.6	3.5	11.4	1.76	1.76	1.76	2.34	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	2.6	2.6	5.3	13.2	1.52	1.52	1.52	3.05	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	2.6	2.6	7.0	14.9	1.34	1.34	1.34	3.59	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	2.6	3.5	3.5	12.3	1.63	1.63	2.18	2.18	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	2.6	3.5	5.3	14.1	1.43	1.43	1.90	2.86	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	2.6	3.5	7.0	15.8	1.27	1.27	1.69	3.39	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	2.6	5.3	5.3	15.8	1.27	1.27	2.54	2.54	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	3.5	3.5	3.5	13.2	1.52	2.03	2.03	2.03	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	2.6	3.5	3.5	5.3	14.9	1.34	1.79	1.79	2.69	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	3.5	3.5	3.5	3.5	14.1	1.90	1.90	1.90	1.90	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0
	3.5	3.5	3.5	5.3	15.8	1.69	1.69	1.69	2.54	4.19	7.03	8.67	1.14	1.63	2.43	5.1	7.5	11.0

A4UQ26GFA2 (Cooling_Combination of Full Ampere Load)

Room	Combination (kW)					Each Capacity (kW)				Total Capacity (kW)			Total Input (kW)			Total Current (A)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1 Room	2.6	-	-	-	2.6	2.64	-	-	-	1.45	2.64	3.17	0.47	0.78	0.99	2.1	3.5	4.4
	3.5	-	-	-	3.5	3.52	-	-	-	1.93	3.52	4.22	0.53	0.88	1.29	2.4	3.9	5.7
	5.3	-	-	-	5.3	5.28	-	-	-	2.90	5.28	6.33	0.75	1.25	1.62	3.3	5.5	7.4
	7.0	-	-	-	7.0	6.21	-	-	-	3.87	6.21	8.44	1.06	1.26	2.43	4.7	6.2	11.0
2 Rooms	2.6	2.6	-	-	5.3	2.64	2.64	-	-	2.90	5.28	6.33	0.75	1.25	1.62	3.3	5.5	7.4
	2.6	3.5	-	-	6.2	2.64	3.52	-	-	3.38	6.15	7.39	0.88	1.26	2.06	3.9	6.2	9.1
	2.6	5.3	-	-	7.9	2.07	4.14	-	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	7.0	-	-	9.7	1.69	4.52	-	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	3.5	3.5	-	-	7.0	3.11	3.11	-	-	3.87	6.21	8.44	1.06	1.26	2.43	4.7	6.2	11.0
	3.5	5.3	-	-	8.8	2.49	3.73	-	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	3.5	7.0	-	-	10.6	2.07	4.14	-	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	5.3	5.3	-	-	10.6	3.11	3.11	-	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	5.3	7.0	-	-	12.3	2.66	3.55	-	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	7.0	7.0	-	-	14.1	3.11	3.11	-	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
3 Rooms	2.6	2.6	2.6	-	7.9	2.07	2.07	2.07	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	2.6	3.5	-	8.8	1.86	1.86	2.49	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	2.6	5.3	-	10.6	1.55	1.55	3.11	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	2.6	7.0	-	12.3	1.33	1.33	3.55	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	3.5	3.5	-	9.7	1.69	2.26	2.26	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	3.5	5.3	-	11.4	1.43	1.91	2.87	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	3.5	7.0	-	13.2	1.24	1.66	3.31	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	5.3	5.3	-	13.2	1.24	2.49	2.49	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	5.3	7.0	-	14.9	1.10	2.19	2.92	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	3.5	3.5	3.5	-	10.6	2.07	2.07	2.07	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	3.5	3.5	5.3	-	12.3	1.78	1.78	2.66	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	3.5	3.5	7.0	-	14.1	1.55	1.55	3.11	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	3.5	5.3	5.3	-	14.1	1.55	2.33	2.33	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	3.5	5.3	7.0	-	15.8	1.38	2.07	2.76	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	5.3	5.3	5.3	-	15.8	2.07	2.07	2.07	-	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
4 Rooms	2.6	2.6	2.6	2.6	10.6	1.55	1.55	1.55	1.55	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	2.6	2.6	3.5	11.4	1.43	1.43	1.43	1.91	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	2.6	2.6	5.3	13.2	1.24	1.24	1.24	2.49	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	2.6	2.6	7.0	14.9	1.10	1.10	1.10	2.92	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	2.6	3.5	3.5	12.3	1.33	1.33	1.78	1.78	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	2.6	3.5	5.3	14.1	1.16	1.16	1.55	2.33	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	2.6	3.5	7.0	15.8	1.04	1.04	1.38	2.76	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	2.6	5.3	5.3	15.8	1.04	1.04	2.07	2.07	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	3.5	3.5	3.5	13.2	1.24	1.66	1.66	1.66	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	2.6	3.5	3.5	5.3	14.9	1.10	1.46	1.46	2.19	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	3.5	3.5	3.5	3.5	14.1	1.55	1.55	1.55	1.55	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0
	3.5	3.5	3.5	5.3	15.8	1.38	1.38	1.38	2.07	4.19	6.21	8.67	1.14	1.26	2.43	5.1	6.2	11.0

A2UQ18GFA0 (Cooling_Combination of Full Load Ampere)

Room	Combination (kW)			Each Capacity (kW)		Total Capacity (kW)			Total Input (kW)			Total Current (A)		
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1 Room	2.6	-	2.6	2.64	-	1.45	2.64	3.17	0.47	0.78	1.02	2.1	3.5	4.6
	3.5	-	3.5	3.52	-	1.93	3.52	4.22	0.53	0.90	1.31	2.4	4.1	5.9
	5.3	-	5.3	5.28	-	2.90	5.01	6.15	0.76	1.35	2.00	3.4	6.3	9.0
2 Rooms	2.6	2.6	5.3	2.51	2.51	2.90	5.01	6.15	0.77	1.35	2.00	3.4	6.3	9.0
	2.6	3.5	6.2	2.15	2.86	2.90	5.01	6.15	0.77	1.35	2.00	3.4	6.3	9.0
	2.6	5.3	7.9	1.67	3.34	2.90	5.01	6.15	0.77	1.35	2.00	3.4	6.3	9.0
	3.5	3.5	7.0	2.51	2.51	2.90	5.01	6.15	0.77	1.35	2.00	3.4	6.3	9.0
	3.5	5.3	8.8	2.00	3.01	2.90	5.01	6.15	0.77	1.35	2.00	3.4	6.3	9.0

A2UQ18GFA1 (Cooling_Combination of Full Load Ampere)

Room	Combination (kW)			Each Capacity (kW)		Total Capacity (kW)			Total Input (kW)			Total Current (A)		
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1 Room	2.6	-	2.6	2.64	-	1.45	2.64	3.17	0.47	0.78	1.02	2.1	3.5	4.6
	3.5	-	3.5	3.52	-	1.93	3.52	4.22	0.53	0.90	1.31	2.4	4.1	5.9
	5.3	-	5.3	4.63	-	2.90	4.63	6.15	0.76	1.08	2.00	3.4	5.5	9.0
2 Rooms	2.6	2.6	5.3	2.32	2.32	2.90	4.63	6.15	0.77	1.08	2.00	3.4	5.5	9.0
	2.6	3.5	6.2	1.98	2.65	2.90	4.63	6.15	0.77	1.08	2.00	3.4	5.5	9.0
	2.6	5.3	7.9	1.54	3.09	2.90	4.63	6.15	0.77	1.08	2.00	3.4	5.5	9.0
	3.5	3.5	7.0	2.32	2.32	2.90	4.63	6.15	0.77	1.08	2.00	3.4	5.5	9.0
	3.5	5.3	8.8	1.85	2.78	2.90	4.63	6.15	0.77	1.08	2.00	3.4	5.5	9.0

A4UQ26GFA0 (Cooling_Combination of Full Ampere Load)

Room	Combination (kW)					Each Capacity (kW)				Total Capacity (kW)			Total Input (kW)			Total Current (A)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1 Room	2.6	-	-	-	2.6	2.64	-	-	-	1.45	2.64	3.17	0.47	0.78	0.99	2.1	3.5	11.0
	3.5	-	-	-	3.5	3.52	-	-	-	1.93	3.52	4.22	0.53	0.88	1.29	2.4	3.9	11.0
	5.3	-	-	-	5.3	5.28	-	-	-	2.90	5.28	6.33	0.75	1.25	1.75	3.3	5.5	11.0
	7.0	-	-	-	7.0	7.03	-	-	-	3.87	7.03	8.44	1.06	1.77	2.43	4.7	7.8	11.0
2 Rooms	2.6	2.6	-	-	5.3	2.64	2.64	-	-	2.90	5.28	6.33	0.75	1.25	1.75	3.3	5.5	11.0
	2.6	3.5	-	-	6.2	2.64	3.52	-	-	3.38	6.15	7.39	0.88	1.47	2.06	3.9	6.5	11.0
	2.6	5.3	-	-	7.9	2.54	5.08	-	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	7.0	-	-	9.7	2.08	5.54	-	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	3.5	3.5	-	-	7.0	3.52	3.52	-	-	3.87	7.03	8.44	1.06	1.77	2.43	4.7	7.8	11.0
	3.5	5.3	-	-	8.8	3.05	4.57	-	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	3.5	7.0	-	-	10.6	2.54	5.08	-	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	5.3	5.3	-	-	10.6	3.81	3.81	-	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	5.3	7.0	-	-	12.3	3.27	4.35	-	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	7.0	7.0	-	-	14.1	3.81	3.81	-	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
3 Rooms	2.6	2.6	2.6	-	7.9	2.54	2.54	2.54	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	2.6	3.5	-	8.8	2.29	2.29	3.05	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	2.6	5.3	-	10.6	1.90	1.90	3.81	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	2.6	7.0	-	12.3	1.63	1.63	4.35	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	4.4
	2.6	3.5	3.5	-	9.7	2.08	2.77	2.77	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	5.7
	2.6	3.5	5.3	-	11.4	1.76	2.34	3.52	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	7.7
	2.6	3.5	7.0	-	13.2	1.52	2.03	4.06	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	5.3	5.3	-	13.2	1.52	3.05	3.05	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	7.7
	2.6	5.3	7.0	-	14.9	1.34	2.69	3.59	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	9.1
	3.5	3.5	3.5	-	10.6	2.54	2.54	2.54	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	3.5	3.5	5.3	-	12.3	2.18	2.18	3.27	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	3.5	3.5	7.0	-	14.1	1.90	1.90	3.81	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	3.5	5.3	5.3	-	14.1	1.90	2.86	2.86	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	3.5	5.3	7.0	-	15.8	1.69	2.54	3.39	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	5.3	5.3	5.3	-	15.8	2.54	2.54	2.54	-	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
4 Rooms	2.6	2.6	2.6	2.6	10.6	1.90	1.90	1.90	1.90	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	2.6	2.6	3.5	11.4	1.76	1.76	1.76	2.34	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	2.6	2.6	5.3	13.2	1.52	1.52	1.52	3.05	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	2.6	2.6	7.0	14.9	1.34	1.34	1.34	3.59	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	2.6	3.5	3.5	12.3	1.63	1.63	2.18	2.18	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	2.6	3.5	5.3	14.1	1.43	1.43	1.90	2.86	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	2.6	3.5	7.0	15.8	1.27	1.27	1.69	3.39	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	2.6	5.3	5.3	15.8	1.27	1.27	2.54	2.54	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	3.5	3.5	3.5	13.2	1.52	2.03	2.03	2.03	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	2.6	3.5	3.5	5.3	14.9	1.34	1.79	1.79	2.69	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	3.5	3.5	3.5	3.5	14.1	1.90	1.90	1.90	1.90	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0
	3.5	3.5	3.5	5.3	15.8	1.69	1.69	1.69	2.54	4.19	7.62	8.67	1.14	1.90	2.43	5.1	8.5	11.0

Note :

1. Cooling Capacity is based on : indoor temp. 27℃DB, 19℃WB ; outdoor temp. 35℃DB
2. Due to our policy of innovation, some specifications may be changed without any notifications

MULTI SPLIT *INVERTER* SYSTEM - COMBINATION TABLE

A4UQ30GFA0 (For private dwellings & HDB flats without current limited)

Room	Combination (kW)					Each Capacity (kW)				Total Capacity (kW)			Total Input (kW)			Total Current (A)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
1 Room	2.6	-	-	-	2.6	2.64	-	-	-	2.08	2.64	2.99	0.68	0.88	1.05	3.2	3.9	11.0
	3.5	-	-	-	3.5	3.52	-	-	-	3.03	3.52	4.02	0.83	0.93	1.32	3.8	4.0	4.6
	5.3	-	-	-	5.3	5.28	-	-	-	4.45	5.28	6.36	1.20	1.41	2.23	5.6	6.1	5.8
	7.0	-	-	-	7.0	7.03	-	-	-	5.53	7.03	9.14	1.48	1.85	2.91	6.7	8.1	9.8
2 Rooms	2.6	2.6	-	-	5.3	2.64	2.64	-	-	4.45	5.28	6.36	1.20	1.41	2.23	5.6	6.1	12.8
	2.6	3.5	-	-	6.2	2.64	3.52	-	-	4.85	6.15	8.00	1.27	1.64	2.51	5.9	7.2	9.8
	2.6	5.3	-	-	7.9	2.64	5.28	-	-	5.93	7.91	9.89	1.56	2.09	3.38	7.0	9.2	15.3
	2.6	7.0	-	-	9.7	2.40	6.39	-	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	3.5	3.5	-	-	7.0	3.52	3.52	-	-	5.53	7.03	9.14	1.48	1.85	2.91	6.7	8.1	12.8
	3.5	5.3	-	-	8.8	3.52	5.28	-	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	3.5	7.0	-	-	10.6	2.93	5.86	-	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	5.3	5.3	-	-	10.6	4.40	4.40	-	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	5.3	7.0	-	-	12.3	3.77	5.02	-	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	7.0	7.0	-	-	14.1	4.40	4.40	-	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
3 Rooms	2.6	2.6	2.6	-	7.9	2.64	2.64	2.64	-	5.93	7.91	10.55	1.56	2.09	3.38	7.0	9.2	15.3
	2.6	2.6	3.5	-	8.8	2.64	2.64	3.52	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	2.6	5.3	-	10.6	2.20	2.20	4.40	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	2.6	7.0	-	12.3	1.88	1.88	5.02	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	3.5	3.5	-	9.7	2.40	3.20	3.20	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	3.5	5.3	-	11.4	2.03	2.71	4.06	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	3.5	7.0	-	13.2	1.76	2.34	4.69	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	5.3	5.3	-	13.2	1.76	3.52	3.52	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	5.3	7.0	-	14.9	1.55	3.10	4.14	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	3.5	3.5	3.5	-	10.6	2.93	2.93	2.93	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	3.5	3.5	5.3	-	12.3	2.51	2.51	3.77	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	3.5	3.5	7.0	-	14.1	2.20	2.20	4.40	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	3.5	5.3	5.3	-	14.1	2.20	3.30	3.30	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	3.5	5.3	7.0	-	15.8	1.95	2.93	3.91	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	5.3	5.3	5.3	-	15.8	2.93	2.93	2.93	-	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
4 Rooms	2.6	2.6	2.6	2.6	10.6	2.20	2.20	2.20	2.20	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	2.6	2.6	3.5	11.4	2.03	2.03	2.03	2.71	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	2.6	2.6	5.3	13.2	1.76	1.76	1.76	3.52	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	2.6	2.6	7.0	14.9	1.55	1.55	1.55	4.14	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	2.6	3.5	3.5	12.3	1.88	1.88	2.51	2.51	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	2.6	3.5	5.3	14.1	1.65	1.65	2.20	3.30	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	2.6	3.5	7.0	15.8	1.47	1.47	1.95	3.91	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	2.6	5.3	5.3	15.8	1.47	1.47	2.93	2.93	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	3.5	3.5	3.5	13.2	1.76	2.34	2.34	2.34	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	2.6	3.5	3.5	5.3	14.9	1.55	2.07	2.07	3.10	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	3.5	3.5	3.5	3.5	14.1	2.20	2.20	2.20	2.20	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0
	3.5	3.5	3.5	5.3	15.8	1.95	1.95	1.95	2.93	6.61	8.79	11.72	1.68	2.22	3.75	7.4	9.8	17.0

Note :

1. Cooling Capacity is based on : indoor temp. 27°CDB, 19°CWB ; outdoor temp. 35°CDB
2. Due to our policy of innovation, some specifications may be changed without any notifications

MULTI V™

OUTDOOR UNIT LINE UP

MULTI V™ IV COOLING ONLY

10, 12, 14HP

16, 18, 20HP
Space Saving 22HP

22, 24, 26HP

28, 30, 32, 34HP

36, 38, 40HP
Space Saving 42, 44HP

42, 44HP

46, 48, 50, 52, 54HP

56, 58, 60HP
Space Saving 62, 64, 66HP

62, 64, 66, 68HP

70, 72HP

74, 76, 78, 80HP
Space Saving 82, 84, 86, 88HP

MULTI V™ PRO IV COOLING ONLY

10, 12, 14HP

16, 18, 20HP
Space Saving 22HP

22, 24, 26HP

28, 30, 32, 34HP

36, 38, 40HP
Space Saving 42, 44HP

42, 44HP

46, 48, 50, 52, 54HP

56, 58, 60HP
Space Saving 62, 64, 66HP

62, 64, 66HP

68, 70, 72HP

74, 76, 78, 80HP
Space Saving 82, 84, 86, 88HP

MULTI V™ IV Corrosion Resistance HEAT PUMP

8, 10, 12HP

14, 16, 18, 20HP

22, 24HP

26, 28, 30, 32HP

34, 36, 38, 40HP

42, 44, 46, 48, 50, 52HP

54, 56, 58, 60HP

62, 64, 66, 68, 70, 72, 74, 76, 78, 80HP

MULTI V™ WATER IV HEAT PUMP

8, 10, 12, 14, 16, 18, 20HP

22, 24, 26, 28, 30,
32, 34, 36, 38, 40HP

42, 44, 46, 48, 50, 52,
54, 56, 58, 60HP

62, 64, 66, 68, 70,
72, 74, 76, 78, 80HP

MULTI V™ WATER IV Shell and Coil COOLING ONLY

10HP

20HP

30HP

MULTI V™ S COOLING ONLY

1Ø, 220V - 2.5HP

1Ø, 220V - 3, 4, 5HP

1Ø, 220V - 6HP

HEAT PUMP

3Ø, 380V - 8, 10, 12HP

Cooling Only

HP			10	12	14
Model	Combination unit		ARUV100LTS4	ARUV120LTS4	ARUV140LTS4
	Independent unit		ARUV100LTS4	ARUV120LTS4	ARUV140LTS4
Capacity (Rated)	Cooling	kW	28.0	33.6	39.2
		kcal/h	24,100	28,900	33,700
		Btu/h	95,900	114,700	133,800
Input (Rated)	Cooling	kW	6.45	8.09	9.91
COP	Cooling		4.34	4.15	3.96
Power Factor	Rated		0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	43.8	62.1	62.1
	Number of Revolution	rev/min	3,600	3,600	3,600
	Motor Output x Number	W x No.	4,200	5,300	5,300
	Starting Method		Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	2,600	2,600	2,600
Fan	Type		Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	750 × 1	750 × 1	750 × 1
	Air Flow Rate(High)	m^3/min	210	210	210
		ft^3/min	7,416	7,416	7,416
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	9.52(3/8)	12.7(1/2)	12.7(1/2)
	Gas	mm(inch)	22.2(7/8)	28.58(1 1/8)	28.58(1 1/8)
Dimensions(WxHxD)		mm	(920×1,680×760)×1	(920×1,680×760)×1	(920×1,680×760)×1
Net Weight		kg	180 × 1	190 × 1	190 × 1
Sound Pressure Level	Cooling	dB(A)	58.5	59.0	59.0
Sound Power Level		dB(A)	79.0	79.0	79.0
Protection Devices	High pressure pro-tection		High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		$No.\times mm^2$	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A	R410A
	Precharged Amount	kg	5	5	5
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
			3, 380, 60	3, 380, 60	3, 380, 60
Number of outdoor units			1	1	1
Number of Max. connectable IDU			16(25)	20(30)	23(35)
Running Current	Cooling	A	10.66	13.36	16.36

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Cooling Only

HP			16	18	20
Model	Combination unit		ARUV160LTS4	ARUV180LTS4	ARUV200LTS4
	Independent unit		ARUV160LTS4	ARUV180LTS4	ARUV200LTS4
Capacity (Rated)	Cooling	kW	44.8	50.4	56.0
		kcal/h	38,500	43,300	48,200
		Btu/h	152,900	172,000	191,100
Input (Rated)	Cooling	kW	10.92	11.82	13.95
COP	Cooling		4.10	4.26	4.01
Power Factor	Rated		0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1	43.8 × 2	43.8 × 2
	Number of Revolution	rev/min	3,600	3,600 ×2	3,600 ×2
	Motor Output x Number	W x No.	6,800	4,200 ×2	4,200 ×2
	Starting Method		Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	2,600	3,600	3,600
Fan	Type		Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	600 × 2	600 × 2	600 × 2
	Air Flow Rate(High)	m^3/min	290	290	290
		ft^3/min	10,241	10,241	10,241
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	12.7(1/2)	15.88(5/8)	15.88(5/8)
	Gas	mm(inch)	28.58(1 1/8)	28.58(1 1/8)	28.58(1 1/8)
Dimensions(WxHxD)		mm	(1,240×1,680×760)×1	(1,240×1,680×760)×1	(1,240×1,680×760)×1
Net Weight		kg	225 × 1	260 × 1	260 × 1
Sound Pressure Level	Cooling	dB(A)	59.0	59.5	59.5
Sound Power Level		dB(A)	79.0	79.5	79.5
Protection Devices	High pressure pro-tection		High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		$No.\times mm^2$	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A	R410A
	Precharged Amount	kg	6	6.5	6.5
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
			3, 380, 60	3, 380, 60	3, 380, 60
Number of outdoor units			1	1	1
Number of Max. connectable IDU			26(40)	29(45)	32(50)
Running Current	Cooling	A	18.03	19.52	23.05

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Cooling Only

HP			22	24	26
Model	Combination unit		ARUV220LTS4	ARUV240LTS4	ARUV260LTS4
	Independent unit		ARUV120LTS4	ARUV120LTS4	ARUV140LTS4
			ARUV100LTS4	ARUV120LTS4	ARUV120LTS4
Capacity (Rated)	Cooling	kW	61.6	67.2	72.8
		kcal/h	53,000	57,800	62,600
		Btu/h	210,600	229,400	248,500
Input (Rated)	Cooling	kW	14.54	16.18	18.00
COP	Cooling		4.24	4.15	4.04
Power Factor	Rated		0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 + 43.8	62.1 × 2	62.1 × 2
	Number of Revolution	rev/min	3,600 × 2	3,600 × 2	3,600 × 2
	Motor Output x Number	W x No.	6,800 + 4,200	6,800 × 2	6,800 × 2
	Starting Method		Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	5,200	5,200	5,200
Fan	Type		Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	750 × 2	750 × 2	750 × 2
	Air Flow Rate(High)	m^3/min	210 × 2	210 × 2	210 × 2
		ft^3/min	7,416 × 2	7,416 × 2	7,416 × 2
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	15.88(5/8)	15.88(5/8)	19.05(3/4)
	Gas	mm(inch)	28.58(1 1/8)	34.9(1 3/8)	34.9(1 3/8)
Dimensions(WxHxD)		mm	(920×1,680×760)×2	(920×1,680×760)×2	(920×1,680×760)×2
Net Weight		kg	180 × 1 + 190 × 1	190 × 2	190 × 2
Sound Pressure Level	Cooling	dB(A)	62.0	62.0	62.0
Sound Power Level		dB(A)	82.0	82.0	82.0
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		No.× mm^2	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A	R410A
	Precharged Amount	kg	5 × 2	5 × 2	5 × 2
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
			3, 380, 60	3, 380, 60	3, 380, 60
Number of outdoor units			2	2	2
Number of Max. connectable IDU			35(44)	39(48)	42(52)
Running Current	Cooling	A	24.02	26.72	29.73

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Cooling Only

HP			28	30	32	34
Model	Combination unit		ARUV280LTS4	ARUV300LTS4	ARUV320LTS4	ARUV340LTS4
	Independent unit		ARUV160LTS4	ARUV180LTS4	ARUV200LTS4	ARUV200LTS4
			ARUV120LTS4	ARUV120LTS4	ARUV120LTS4	ARUV140LTS4
Capacity (Rated)	Cooling	kW	78.4	84.0	89.6	95.2
		kcal/h	67,400	72,200	77,100	81,900
		Btu/h	267,600	286,700	305,800	324,900
Input (Rated)	Cooling	kW	19.01	19.91	22.04	23.86
COP	Cooling		4.12	4.22	4.06	3.99
Power Factor	Rated		0.93	0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 2	(43.8 × 2) + 62.1	(43.8 × 2) + 62.1	(43.8 × 2) + 62.1
	Number of Revolution	rev/min	3,600 × 2	(3,600 × 2) + 3,600	(3,600 × 2) + 3,600	(3,600 × 2) + 3,600
	Motor Output x Number	W x No.	6,800 ×2	(4,200 x 2) + 6,800	(4,200 x 2) + 6,800	(4,200 x 2) + 6,800
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	5,200	6,200	6,200	6,200
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	(600 × 2) + 750	(600 × 2) + 750	(600 × 2) + 750	(600 × 2) + 750
	Air Flow Rate(High)	m^3/min	290 + 210	290 + 210	290 + 210	290 + 210
		ft^3/min	10,241 + 7,416	10,241 + 7,416	10,241 + 7,416	10,241 + 7,416
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	34.9(1 3/8)	34.9(1 3/8)	34.9(1 3/8)	34.9(1 3/8)
Dimensions(WxHxD)		mm	(1,240×1,680×760)×1 + (920×1,680×760)×1	(1,240×1,680×760)×1 + (920×1,680×760)×1	(1,240×1,680×760)×1 + (920×1,680×760)×1	(1,240×1,680×760)×1 + (920×1,680×760)×1
Net Weight		kg	225 × 1 + 190 × 1	260 × 1 + 190 × 1	260 × 1 + 190 × 1	260 × 1 + 190 × 1
Sound Pressure Level	Cooling	dB(A)	62.0	62.3	62.3	62.3
Sound Power Level		dB(A)	82.0	82.3	82.3	82.3
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		No.× mm^2	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	6 + 5	6.5 + 5	6.5 + 5	6.5 + 5
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
			3, 380, 60	3, 380, 60	3, 380, 60	3, 380, 60
Number of outdoor units			2	2	2	2
Number of Max. connectable IDU			45(56)	49(60)	52(64)	55(64)
Running Current	Cooling	A	31.40	32.88	36.41	39.41

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Cooling Only

HP			36	38	40
Model	Combination unit		ARUV360LTS4	ARUV380LTS4	ARUV400LTS4
	Independent unit		ARUV200LTS4	ARUV200LTS4	ARUV200LTS4
			ARUV160LTS4	ARUV180LTS4	ARUV200LTS4
Capacity (Rated)	Cooling	kW	100.8	106.4	112.0
		kcal/h	86,700	91,500	96,400
		Btu/h	344,000	363,100	382,200
Input (Rated)	Cooling	kW	24.87	25.77	27.90
COP	Cooling		4.05	4.13	4.01
Power Factor	Rated		0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8 × 2) + 62.1	(43.8 × 2) × 2	(43.8 × 2) × 2
	Number of Revolution	rev/min	(3,600 × 2) + 3,600	(3,600 × 2) × 2	(3,600 × 2) × 2
	Motor Output x Number	W x No.	(4,200 × 2) + 6,800	(4,200 × 2) x 2	(4,200 × 2) x 2
	Starting Method		Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	6,200	7,200	7,200
Fan	Type		Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	(600 × 2) × 2	(600 × 2) × 2	(600 × 2) × 2
	Air Flow Rate(High)	m^3/min	290 × 2	290 × 2	290 × 2
		ft^3/min	10,241 × 2	10,241 × 2	10,241 × 2
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1 5/8)	41.3(1 5/8)	41.3(1 5/8)
Dimensions(WxHxD)		mm	(1,240×1,680×760)×2	(1,240×1,680×760)×2	(1,240×1,680×760)×2
Net Weight		kg	260 × 1 + 225 × 1	260 × 2	260 × 2
Sound Pressure Level	Cooling	dB(A)	62.3	62.5	62.5
Sound Power Level		dB(A)	82.3	82.5	82.5
Protection Devices	High pressure pro-tection		High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		$No.\times mm^2$	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A	R410A
	Precharged Amount	kg	6.5 + 6.0	6.5 × 2	6.5 × 2
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
			3, 380, 60	3, 380, 60	3, 380, 60
Number of outdoor units			2	2	2
Number of Max. connectable IDU			58(64)	61(64)	64
Running Current	Cooling	A	41.08	42.56	46.09

Note :

1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Cooling Only

HP			42	44
Model	Combination unit		ARUV420LTS4	ARUV440LTS4
	Independent unit		ARUV180LTS4	ARUV200LTS4
			ARUV140LTS4	ARUV140LTS4
			ARUV100LTS4	ARUV100LTS4
Capacity (Rated)	Cooling	kW	117.6	123.2
		kcal/h	101,100	106,000
		Btu/h	401,700	420,800
Input (Rated)	Cooling	kW	28.18	30.32
COP	Cooling		4.17	4.06
Power Factor	Rated		0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8 × 2) + 62.1 + 43.8	(43.8 × 2) + 62.1 + 43.8
	Number of Revolution	rev/min	(3,600 × 2) + 3,600 + 3,600	(3,600 × 2) + 3,600 + 3,600
	Motor Output x Number	W x No.	(4,200 × 2) + 6,800 + 4,200	(4,200 × 2) + 6,800 + 4,200
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	8,800	8,800
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	(600 × 2) + 750 × 2	(600 × 2) + 750 × 2
	Air Flow Rate(High)	m^3/min	290 + 210 × 2	290 + 210 × 2
		ft^3/min	10,241 + 7,416 × 2	10,241 + 7,416 × 2
	Drive		DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1 5/8)	41.3(1 5/8)
Dimensions(WxHxD)		mm	(1,240×1,680×760)×1 + (920×1,680×760)×2	(1,240×1,680×760)×1 + (920×1,680×760)×2
Net Weight		kg	260 × 1 + 190 × 1 + 180 × 1	260 × 1 + 190 × 1 + 180 × 1
Sound Pressure Level	Cooling	dB(A)	63.9	63.9
Sound Power Level		dB(A)	83.9	83.9
Protection Devices	High pressure protection		High pressure sensor /High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		$No.\times mm^2$	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	6.5 + (5 × 2)	6.5 + (5 × 2)
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	3, 380~415, 50	3, 380~415, 50
			3, 380, 60	3, 380, 60
Number of outdoor units			3	3
Number of Max. connectable IDU			64	64
Running Current	Cooling	A	46.54	50.79

Note :

1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Cooling Only

HP			46	48	50	52	54
Model	Combination unit		ARUV460LTS4	ARUV480LTS4	ARUV500LTS4	ARUV520LTS4	ARUV540LTS4
	Independent unit		ARUV200LTS4	ARUV200LTS4	ARUV200LTS4	ARUV200LTS4	ARUV200LTS4
			ARUV160LTS4	ARUV180LTS4	ARUV200LTS4	ARUV200LTS4	ARUV200LTS4
			ARUV100LTS4	ARUV100LTS4	ARUV100LTS4	ARUV120LTS4	ARUV140LTS4
Capacity (Rated)	Cooling	kW	128.8	134.4	140.0	145.6	151.2
		kcal/h	110,800	115,600	120,500	125,300	130,100
		Btu/h	439,900	459,000	478,100	496,900	516,000
Input (Rated)	Cooling	kW	31.32	32.22	34.35	35.99	37.81
COP	Cooling		4.11	4.17	4.07	4.05	4.00
Power Factor	Rated		0.93	0.93	0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8 × 2) + 62.1 + 43.8	(43.8 × 2) × 2 + 43.8	(43.8 × 2) × 2 + 43.8	(43.8 × 2) × 2 + 62.1	(43.8 × 2) × 2 + 62.1
	Number of Revolution	rev/min	(3,600 × 2) + 3,600 + 3,600	(3,600 × 2) × 2 + 3,600	(3,600 × 2) × 2 + 3,600	(3,600 × 2) × 2 + 3,600	(3,600 × 2) × 2 + 3,600
	Motor Output x Number	W x No.	(4,200 × 2) + 6,800 + 4,200	(4,200 × 2) × 2 + 6,800	(4,200 × 2) × 2 + 6,800	(4,200 × 2) x 2 + 6,800	(4,200 × 2) x 2 + 6,800
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	8,800	9,800	9,800	9,800	9,800
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	(600 × 2) × 2 + 750	(600 × 2) × 2 + 750	(600 × 2) × 2 + 750	(600 × 2) × 2 + 750	(600 × 2) × 2 + 750
	Air Flow Rate(High)	m^3/min	290 × 2 + 210	290 × 2 + 210	290 × 2 + 210	290 × 2 + 210	290 × 2 + 210
		ft^3/min	10,241 × 2 + 7,416	10,241 × 2 + 7,416	10,241 × 2 + 7,416	10,241 × 2 + 7,416	10,241 × 2 + 7,416
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1 5/8)	41.3(1 5/8)	41.3(1 5/8)	41.3(1 5/8)	41.3(1 5/8)
Dimensions(WxHxD)		mm	(1,240×1,680×760)×2 + (920×1,680×760)×1	(1,240×1,680×760)×2 + (920×1,680×760)×1	(1,240×1,680×760)×2 + (920×1,680×760)×1	(1,240×1,680×760)×2 + (920×1,680×760)×1	(1,240×1,680×760)×2 + (920×1,680×760)×1
Net Weight		kg	260 × 1 + 225 × 1 + 180 × 1	260 × 2 + 180 × 1	260 × 2 + 180 × 1	260 × 2 + 190 × 1	260 × 2 + 190 × 1
Sound Pressure Level	Cooling	dB(A)	63.9	64.1	64.1	64.1	64.1
Sound Power Level		dB(A)	83.9	84.1	84.1	84.1	84.1
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		No.× mm^2	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A	R410A	R410A	R410A
	Precharged Amount	kg	6.5 + 6 + 5	(6.5 × 2) + 5	(6.5 × 2) + 5	(6.5 × 2) + 5	(6.5 × 2) + 5
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
			3, 380, 60	3, 380, 60	3, 380, 60	3, 380, 60	3, 380, 60
Number of outdoor units			3	3	3	3	3
Number of Max. connectable IDU			64	64	64	64	64
Running Current	Cooling	A	51.74	53.22	56.75	59.45	62.46

Note :

1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Cooling Only

HP			56	58	60
Model	Combination unit		ARUV560LTS4	ARUV580LTS4	ARUV600LTS4
	Independent unit		ARUV200LTS4	ARUV200LTS4	ARUV200LTS4
			ARUV200LTS4	ARUV200LTS4	ARUV200LTS4
			ARUV160LTS4	ARUV180LTS4	ARUV200LTS4
Capacity (Rated)	Cooling	kW	156.8	162.4	168.0
		kcal/h	134,900	139,700	144,600
		Btu/h	535,100	554,200	573,300
Input (Rated)	Cooling	kW	38.82	39.72	41.85
COP	Cooling		4.04	4.09	4.01
Power Factor	Rated		0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8 × 2) × 2 + 62.1	(43.8 × 2) × 3	(43.8 × 2) × 3
	Number of Revolution	rev/min	(3,600 × 2) × 2 + 3,600	(3,600 × 2) × 3	(3,600 × 2) × 3
	Motor Output x Number	W x No.	(4,200 × 2) x 2 + 6,800	(4,200 × 2) × 3	(4,200 × 2) × 3
	Starting Method		Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	9,800	10,800	10,800
Fan	Type		Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	(600 × 2) × 3	(600 × 2) × 3	(600 × 2) × 3
	Air Flow Rate(High)	m^3/min	290 × 3	290 × 3	290 × 3
		ft^3/min	10,241 × 3	10,241 × 3	10,241 × 3
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1 5/8)	41.3(1 5/8)	41.3(1 5/8)
Dimensions(WxHxD)		mm	(1,240×1,680×760)×3	(1,240×1,680×760)×3	(1,240×1,680×760)×3
Net Weight		kg	260 × 2 + 225 × 1	260 × 3	260 × 3
Sound Pressure Level	Cooling	dB(A)	64.1	64.3	64.3
Sound Power Level		dB(A)	84.1	84.3	84.3
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		No.× mm^2	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A	R410A
	Precharged Amount	kg	(6.5 × 2) + 6	6.5 × 3	6.5 × 3
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
			3, 380, 60	3, 380, 60	3, 380, 60
Number of outdoor units			3	3	3
Number of Max. connectable IDU			64	64	64
Running Current	Cooling	A	64.13	65.61	69.14

Note :

1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Cooling Only

HP			62	64	66	68
Model	Combination unit		ARUV620LTS4	ARUV640LTS4	ARUV660LTS4	ARUV680LTS4
	Independent unit		ARUV180LTS4	ARUV180LTS4	ARUV200LTS4	ARUV200LTS4
			ARUV160LTS4	ARUV180LTS4	ARUV180LTS4	ARUV200LTS4
			ARUV140LTS4	ARUV140LTS4	ARUV140LTS4	ARUV140LTS4
			ARUV140LTS4	ARUV140LTS4	ARUV140LTS4	ARUV140LTS4
Capacity (Rated)	Cooling	kW	173.6	179.2	184.8	190.4
		kcal/h	149,200	154,000	158,800	163,800
		Btu/h	592,500	611,600	630,700	649,800
Input (Rated)	Cooling	kW	42.56	43.46	45.59	47.72
COP	Cooling		4.08	4.12	4.05	3.99
Power Factor	Rated		0.93	0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8 × 2) + 62.1 × 3	(43.8 × 2) × 2 + 62.1 × 2	(43.8 × 2) × 2 + 62.1 × 2	(43.8 × 2) × 2 + 62.1 × 2
	Number of Revolution	rev/min	(3,600 × 2) + 3,600 × 3	(3,600 × 2) × 2 + 3,600 × 2	(3,600 × 2) × 2 + 3,600 × 2	(3,600 × 2) × 2 + 3,600 × 2
	Motor Output x Number	W × No.	(4,200 × 2) + 6,800 × 3	4,200 × 2) x 2 + 6,800 × 2	(4,200 × 2) × 2 + 6,800 × 2	(4,200 × 2) × 2 + 6,800 × 2
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	11,400	12,400	12,400	12,400
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	(600 × 2) × 2 + 750 × 2	(600 × 2) × 2 + 750 × 2	(600 × 2) × 2 + 750 × 2	(600 × 2) × 2 + 750 × 2
	Air Flow Rate(High)	m^3/min	290 × 2 + 210 × 2	290 × 2 + 210 × 2	290 × 2 + 210 × 2	290 × 2 + 210 × 2
		ft^3/min	10,241 × 2 + 7,416 × 2	10,241 × 2 + 7,416 × 2	10,241 × 2 + 7,416 × 2	10,241 × 2 + 7,416 × 2
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	44.5(1 3/4)	44.5(1 3/4)	53.98(2 1/8)	53.98(2 1/8)
Dimensions(Wx-HxD)		mm	(1,240×1,680×760)×2 + (920×1,680×760)×2	(1,240×1,680×760)×2 + (920×1,680×760)×2	(1,240×1,680×760)×2 + (920×1,680×760)×2	(1,240×1,680×760)×2 + (920×1,680×760)×2
Net Weight		kg	260 × 1 + 225 × 1 + 190 × 2	260 × 2 + 190 × 2	260 × 2 + 190 × 2	260 × 2 + 190 × 2
Sound Pressure Level	Cooling	dB(A)	65.2	65.3	65.3	65.3
Sound Power Level		dB(A)	85.2	85.3	85.3	85.3
Protection Devices	High pressure pro-tection		High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		No.× mm^2	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	6.5 + 6 + (5 × 2)	(6.5 × 2) + (5 × 2)	(6.5 × 2) + (5 × 2)	(6.5 × 2) + (5 × 2)
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
			3, 380, 60	3, 380, 60	3, 380, 60	3, 380, 60
Number of outdoor units			4	4	4	4
Number of Max. connectable IDU			64	64	64	64
Running Current	Cooling	A	70.28	71.77	75.29	78.82

Note :

1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Cooling Only

HP			70	72
Model	Combination unit		ARUV700LTS4	ARUV720LTS4
	Independent unit		ARUV200LTS4	ARUV200LTS4
			ARUV200LTS4	ARUV200LTS4
			ARUV160LTS4	ARUV180LTS4
			ARUV140LTS4	ARUV140LTS4
Capacity (Rated)	Cooling	kW	196.0	201.6
		kcal/h	168,600	173,400
		Btu/h	668,900	688,000
Input (Rated)	Cooling	kW	48.73	49.63
COP	Cooling		4.02	4.06
Power Factor	Rated		0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8 × 2) × 2 + 62.1 × 2	(43.8 × 2) × 3 + 62.1
	Number of Revolution	rev/min	(3,600 × 2) × 2 + 3,600 × 2	(3,600 × 2) × 3 + 3,600
	Motor Output x Number	W × No.	(4,200 × 2) × 2 + 6,800 × 2	(4,200 × 2) × 3 + 6,800
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	12,400	13,400
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	(600 × 2) × 3 + 750 × 1	(600 × 2) × 3 + 750 × 1
	Air Flow Rate(High)	m^3/min	290 × 3 + 210 × 1	290 × 3 + 210 × 1
		ft^3/min	10,241 × 3 + 7,416 × 1	10,241 × 3 + 7,416 × 1
	Drive		DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2 1/8)	53.98(2 1/8)
Dimensions(Wx-HxD)		mm	(1,240×1,680×760)×3 + (920×1,680×760)×1	(1,240×1,680×760)×3 + (920×1,680×760)×1
Net Weight		kg	260 × 2 + 225 × 1 + 190 × 1	260 × 3 + 190 × 1
Sound Pressure Level	Cooling	dB(A)	65.3	65.4
Sound Power Level		dB(A)	85.3	85.4
Protection Devices	High pressure pro-tection		High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		No.× mm^2	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	(6.5 × 2) + 6 + 5	(6.5 × 3) + 5
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	3, 380~415, 50	3, 380~415, 50
			3, 380, 60	3, 380, 60
Number of outdoor units			4	4
Number of Max. connectable IDU			64	64
Running Current	Cooling	A	80.49	81.97

Note :

1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Cooling Only

HP			74	76	78	80
Model	Combination unit		ARUV740LTS4	ARUV760LTS4	ARUV780LTS4	ARUV800LTS4
	Independent unit		ARUV200LTS4	ARUV200LTS4	ARUV200LTS4	ARUV200LTS4
			ARUV200LTS4	ARUV200LTS4	ARUV200LTS4	ARUV200LTS4
			ARUV180LTS4	ARUV180LTS4	ARUV200LTS4	ARUV200LTS4
			ARUV160LTS4	ARUV180LTS4	ARUV180LTS4	ARUV200LTS4
Capacity (Rated)	Cooling	kW	207.2	212.8	218.4	224.0
		kcal/h	178,200	183,000	187,900	192,800
		Btu/h	707,100	726,200	745,300	764,400
Input (Rated)	Cooling	kW	50.64	51.54	53.67	55.80
COP	Cooling		4.09	4.13	4.07	4.01
Power Factor	Rated		0.93	0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8 × 2) × 3 + 62.1	(43.8 × 2) × 4	(43.8 × 2) × 4	(43.8 × 2) × 4
	Number of Revolution	rev/min	(3,600 × 2) × 3 + 3,600	(3,600 × 2) × 4	(3,600 × 2) × 4	(3,600 × 2) × 4
	Motor Output x Number	W × No.	(4,200 × 2) × 3 + 6,800	(4,200 × 2) × 4	(4,200 × 2) × 4	(4,200 × 2) × 4
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	13,400	14,400	14,400	14,400
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	(600 × 2) × 4	(600 × 2) × 4	(600 × 2) × 4	(600 × 2) × 4
	Air Flow Rate(High)	m^3/min	290 × 4	290 × 4	290 × 4	290 × 4
		ft^3/min	10,241 × 4	10,241 × 4	10,241 × 4	10,241 × 4
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2 1/8)	53.98(2 1/8)	53.98(2 1/8)	53.98(2 1/8)
Dimensions(WxHxD)		mm	(1,240×1,680×760)×4	(1,240×1,680×760)×4	(1,240×1,680×760)×4	(1,240×1,680×760)×4
Net Weight		kg	260 × 3 + 225 × 1	260 × 4	260 × 4	260 × 4
Sound Pressure Level	Cooling	dB(A)	65.4	65.5	65.5	65.5
Sound Power Level		dB(A)	85.4	85.5	85.5	85.5
Protection Devices	High pressure pro-tection		High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		No.× mm^2	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	(6.5 × 3) + 6	6.5 × 4	6.5 × 4	6.5 × 4
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
			3, 380, 60	3, 380, 60	3, 380, 60	3, 380, 60
Number of outdoor units			4	4	4	4
Number of Max. connectable IDU			64	64	64	64
Running Current	Cooling	A	83.64	85.13	88.66	92.18

Note :

1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Cooling Only

HP			22	42	44
Model	Combination unit		ARUV220LTN4	ARUV420LTN4	ARUV440LTN4
	Independent unit		ARUV220LTN4	ARUV220LTN4	ARUV220LTN4
				ARUV200LTS4	ARUV220LTN4
Capacity (Rated)	Cooling	kW	63.0	119.0	126.0
		kcal/h	54,200	102,400	108,400
		Btu/h	214,900	406,000	429,800
Input (Rated)	Cooling	kW	16.80	30.75	33.60
COP	Cooling		3.75	3.87	3.75
Power Factor	Rated		0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	43.8 × 2	(43.8 × 2) × 2	(43.8 × 2) × 2
	Number of Revolution	rev/min	3,600 ×2	(3,600 × 2) × 2	(3,600 × 2) × 2
	Motor Output x Number	W × No.	4,200 ×2	(4,200 × 2) × 2	(4,200 × 2) × 2
	Starting Method		Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	3,600	7,200	7,200
Fan	Type		Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	600 x 2	(600 × 2) × 2	(600 × 2) × 2
	Air Flow Rate(High)	m^3/min	290	290 × 2	290 × 2
		ft^3/min	10,241	10,241 × 2	10,241 × 2
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	15.88(5/8)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	28.58(1 1/8)	41.3(1 5/8)	41.3(1 5/8)
Dimensions(WxHxD)		mm	(1,240×1,680×760)×1	(1,240×1,680×760)×2	(1,240×1,680×760)×2
Net Weight		kg	280 × 1	280 + 260	280 × 2
Sound Pressure Level	Cooling	dB(A)	59.5	62.5	62.5
Sound Power Level		dB(A)	79.5	82.5	82.5
Protection Devices	High pressure pro-tection		High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		No.× mm^2	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A	R410A
	Precharged Amount	kg	10	10 + 6.5	10 × 2
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	380~415, 3, 50	3, 380~415, 50	3, 380~415, 50
			380, 3, 60	3, 380, 60	3, 380, 60
Number of outdoor units			1	2	2
Number of Max. connectable IDU			35(44)	64	64
Running Current	Cooling	A	27.16	50.79	55.49

Note :

1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Cooling Only

HP			62	64	66
Model	Combination unit		ARUV620LTN4	ARUV620LTN4	ARUV660LTN4
	Independent unit		ARUV220LTN4	ARUV220LTN4	ARUV220LTN4
			ARUV200LTS4	ARUV220LTN4	ARUV220LTN4
			ARUV200LTS4	ARUV200LTS4	ARUV220LTN4
Capacity (Rated)	Cooling	kW	175.0	182.0	189.0
		kcal/h	150,600	156,600	162,600
		Btu/h	597,100	620,900	644,700
Input (Rated)	Cooling	kW	44.71	47.55	50.40
COP	Cooling		3.91	3.83	3.75
Power Factor	Rated		0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8 × 2) × 3	(43.8 × 2) × 3	(43.8 × 2) × 3
	Number of Revolution	rev/min	(3,600 × 2) × 3	(3,600 × 2) × 3	(3,600 × 2) × 3
	Motor Output x Number	W x No.	(4,200 × 2) × 3	(4,200 × 2) × 3	(4,200 × 2) × 3
	Starting Method		Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	10,800	10,800	10,800
Fan	Type		Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	(600 × 2) × 3	(600 × 2) × 3	(600 × 2) × 3
	Air Flow Rate(High)	m^3/min	290 × 3	290 × 3	290 × 3
		ft^3/min	10,241 × 3	10,241 × 3	10,241 × 3
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	44.5(1 3/4)	44.5(1 3/4)	53.98(2-1/8)
Dimensions(WxHxD)		mm	(1,240×1,680×760)×3	(1,240×1,680×760)×3	(1,240×1,680×760)×3
Net Weight		kg	280 + 260 × 2	280 × 2 + 260	280 × 3
Sound Pressure Level	Cooling	dB(A)	64.3	64.3	64.3
Sound Power Level		dB(A)	84.3	84.3	84.3
Protection Devices	High pressure pro-tection		High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		No.× mm^2	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A	R410A
	Precharged Amount	kg	10 + 6.5 × 2	10.0 x 2 + 6.5 x 1	10 × 3
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
			3, 380, 60	3, 380, 60	3, 380, 60
Number of outdoor units			3	3	3
Number of Max. connectable IDU			64	64	64
Running Current	Cooling	A	73.84	78.54	78.54

Note :

1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Cooling Only

HP			82	84	86	88
Model	Combination unit		ARUV820LTN4	ARUV840LTN4	ARUV860LTN4	ARUV880LTN4
	Independent unit		ARUV220LTN4	ARUV220LTN4	ARUV220LTN4	ARUV220LTN4
			ARUV200LTS4	ARUV220LTN4	ARUV220LTN4	ARUV220LTN4
			ARUV200LTS4	ARUV200LTS4	ARUV220LTN4	ARUV220LTN4
			ARUV200LTS4	ARUV200LTS4	ARUV200LTS4	ARUV220LTN4
Capacity (Rated)	Cooling	kW	231.0	238.0	245	252
		kcal/h	198,800	204,800	210,800	216,800
		Btu/h	788,200	812,000	835,800	859,600
Input (Rated)	Cooling	kW	58.65	61.5	64.35	67.2
COP	Cooling		3.94	3.87	3.81	3.75
Power Factor	Rated		0.93	0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8 × 2) × 4	(43.8 × 2) × 4	(43.8 × 2) × 4	(43.8 × 2) × 4
	Number of Revolution	rev/min	(3,600 × 2) × 4	(3,600 × 2) × 4	(3,600 × 2) × 4	(3,600 × 2) × 4
	Motor Output x Number	W x No.	(4,200 × 2) × 4	(4,200 × 2) × 4	(4,200 × 2) × 4	(4,200 × 2) × 4
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	14,400	14,400	14,400	14,400
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	(600 × 2) × 4	(600 × 2) × 4	(600 × 2) × 4	(600 × 2) × 4
	Air Flow Rate(High)	m^3/min	290 × 4	290 × 4	290 × 4	290 × 4
		ft^3/min	10,241 × 4	10,241 × 4	10,241 × 4	10,241 × 4
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2 1/8)	53.98(2 1/8)	53.98(2 1/8)	53.98(2 1/8)
Dimensions(WxHxD)		mm	(1,240×1,680×760)×4	(1,240×1,680×760)×4	(1,240×1,680×760)×4	(1,240×1,680×760)×4
Net Weight		kg	260 × 3 + 280 x 1	260 × 2 + 280 x 2	260 ×1 + 280 x 3	280 x 4
Sound Pressure Level	Cooling	dB(A)	65.5	65.5	65.5	65.5
Sound Power Level		dB(A)	85.5	85.5	85.5	85.5
Protection Devices	High pressure pro-tection		High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan		Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter		Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication cable (ODU - IDU)		No.× mm^2	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	10.0 x 1 + 6.5 x 3	10.0 x 2 + 6.5 x 2	10.0 x 3 + 6.5 x 1	10.0 x 4
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
			3, 380, 60	3, 380, 60	3, 380, 60	3, 380, 60
Number of outdoor units			4	4	4	4
Number of Max. connectable IDU			64	64	64	64
Running Current	Cooling	A	96.88	101.58	106.28	110.98

Note :

1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

Single Unit Model
Cooling Only

HP			10	12	14
Model Name	**Combination Unit**		**ARUV100LLS4**	**ARUV120LLS4**	**ARUV140LLS4**
	Independent Unit		**ARUV100LLS4**	**ARUV120LLS4**	**ARUV140LLS4**
Capacity[1] (Rated)	Cooling	kW	28.0	33.6	39.2
		kcal/h	24,100	28,900	33,700
		Btu/h	95,900	114,700	133,800
Input (Rated)[1]	Cooling	kW	7.00	8.90	10.60
Power Factor[6]	Rated	-	0.93	0.93	0.93
Casing Color			Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	43.8	62.1	62.1
	Number of Revolution	rev/min	3,600	3,600	3,600
	Motor Output x Number	W x No.	4,200	6,800	6,800
	Starting Method		Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Axial fan	Axial fan	Axial fan
	Motor Output x Number	W	750x1	750x1	750x1
	Air Flow Rate	m^3/min	210	210	210
		ft^3/min	7,416	7,416	7,416
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	9.52(3/8)	12.7(1/2)	12.7(1/2)
	Gas	mm(inch)	22.2(7/8)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W x H x D)		mm	(920×1,680×760)×1	(920×1,680×760)×1	(920×1,680×760)×1
		inch	(36-7/32×66-5/32 ×29-29/32)×1	(36-7/32×66-5/32 ×29-29/32)×1	(36-7/32×66-5/32 ×29-29/32)×1
Footprint		m^2	0.70	0.70	0.70
Net Weight		kg	173×1	178×1	178×1
		lbs	381×1	392×1	392×1
Sound Pressure Level		dB(A)	58.5	59.0	59.0
Sound Power Level		dB(A)	79.0	79.0	79.0
Protection Devices	High pressure	-	High pressure sensor / High pressure switch		
	Comperssor / Fan	-	Over-heat protection / Fan driver overload protector		
	Inverter	-	Over-heat protection / Over-current protection		
Communication Cable		No.xmm^2 (VCTF-SB)	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A
	Precharged Amount	kg	5.0	5.0	5.0
		lbs	11.0	11.0	11.0
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60
Number of maximum connectable indoor units [2]			16(25)	20(30)	23(35)

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

* Images of outdoor unit combination are in page 6~9, 'PRODUCT LINE UP'

Single Unit Model
Cooling Only

HP			16	18	20	22
Model Name	**Combination Unit**		**ARUV160LLS4**	**ARUV180LLS4**	**ARUV200LLS4**	**ARUV220LLN4**
	Independent Unit		**ARUV160LLS4**	**ARUV180LLS4**	**ARUV200LLS4**	**ARUV220LLN4**
Capacity[1] (Rated)	Cooling	kW	44.8	50.4	56.0	61.6
		kcal/h	38,500	43,300	48,200	53,000
		Btu/h	152,900	172,000	191,100	210,200
Input (Rated)[1]	Cooling	kW	12.10	14.00	17.00	20.50
Power Factor[6]	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1	43.8×2	43.8×2	43.8×2
	Number of Revolution	rev/min	3,600	3,600×2	3,600×2	3,600×2
	Motor Output x Number	W x No.	6,800	4,200×2	4,200×2	4,200×2
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Axial fan	Axial fan	Axial fan	Axial fan
	Motor Output x Number	W	1,200x1	1,200x1	1,200x1	1,200x1
	Air Flow Rate	m^3/min	270	270	270	270
		ft^3/min	9,535	9,535	9,535	9,535
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)
	Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W x H x D)		mm	(1,240×1,680×760)×1	(1,240×1,680×760)×1	(1,240×1,680×760)×1	(1,240×1,680×760)×1
		inch	(48-13/16×66-5/32 ×29-29/32)x1	(48-13/16×66-5/32 ×29-29/32)x1	(48-13/16×66-5/32 ×29-29/32)x1	(48-13/16×66-5/32 ×29-29/32)x1
Footprint		m^2	0.94	0.94	0.94	0.94
Net Weight		kg	203×1	243×1	243×1	253×1
		lbs	447×1	535×1	535×1	557×1
Sound Pressure Level		dB(A)	62.0	62.0	62.0	62.0
Sound Power Level		dB(A)	82.0	82.0	82.0	82.0
Protection Devices	High pressure	-	High pressure sensor / High pressure switch			
	Comperssor / Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm^2 (VCTF-SB)	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	6.0	6.0	6.0	7.6
		lbs	13.2	13.2	13.2	16.8
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60
Number of maximum connectable indoor units [2]			26(40)	29(45)	32(50)	35(44)

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

* Images of outdoor unit combination are in page 6~9, 'PRODUCT LINE UP'

Standard Combination
Cooling Only

HP			22	24	26	28
Model Name	Combination Unit		ARUV220LLS4	ARUV240LLS4	ARUV260LLS4	ARUV280LLS4
	Independent Unit		ARUV120LLS4	ARUV120LLS4	ARUV140LLS4	ARUV160LLS4
			ARUV100LLS4	ARUV120LLS4	ARUV120LLS4	ARUV120LLS4
Capacity[1] (Rated)	Cooling	kW	61.6	67.2	72.8	78.4
		kcal/h	53,000	57,800	62,600	67,400
		Btu/h	210,600	229,400	248,500	267,600
Input (Rated)[1]	Cooling	kW	15.90	17.80	20.10	21.00
Power Factor[6]	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	43.8+62.1	62.1×2	62.1×2	62.1×2
	Number of Revolution	rev/min	3,600×2	3,600×2	3,600×2	3,600×2
	Motor Output x Number	W x No.	4200+6800	6,800×2	6,800×2	6,800×2
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Axial fan	Axial fan	Axial fan	Axial fan
	Motor Output x Number	W	750x2	750x2	750x2	1,200+750
	Air Flow Rate	m^3/min	210x2	210x2	210x2	270+210
		ft^3/min	7,416x2	7,416x2	7,416x2	9,535+7,416
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	28.58(1-1/8)	34.9(1-3/8)	34.9(1-3/8)	34.9(1-3/8)
Dimensions(W x H x D)		mm	(920×1,680×760)×2	(920×1,680×760)×2	(920×1,680×760)×2	(1,240×1,680×760)×1 +(920×1,680×760)×1
		inch	(36-7/32×66-5/32 ×29-29/32)×2	(36-7/32×66-5/32 ×29-29/32)×2	(36-7/32×66-5/32 ×29-29/32)×2	(48-13/16×66-5/32×29-29/32)x1 +(36-7/32×66-5/32×29-29/32)
Footprint		m^2	1.40	1.40	1.40	1.64
Net Weight		kg	178×1+173×1	178×1+173×1	178×2	203×1+178×1
		lbs	392×1+381×1	392×1+381×1	392×2	447×1+392×1
Sound Pressure Level		dB(A)	61.8	62.0	62.5	63.8
Sound Power Level		dB(A)	82.0	82.0	82.5	83.8
Protection Devices	High pressure	-	High pressure sensor / High pressure switch			
	Comperssor / Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm^2 (VCTF-SB)	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	5.0×2	5.0x2	5.0x2	6.0×1+5.0×1
		lbs	11.0×2	11.0 x2	11.0x2	13.2×1+11.0×1
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60
Number of maximum connectable indoor units [2]			35(44)	13(20)	16(25)	45(56)

Note :

1. Capacities are based on the following conditions
- Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

*** Images of outdoor unit combination are in page 6~9, 'PRODUCT LINE UP'**

Standard Combination
Cooling Only

HP			30	32	34	36
Model Name	Combination Unit		ARUV300LLS4	ARUV320LLS4	ARUV340LLS4	ARUV360LLS4
	Independent Unit		ARUV180LLS4	ARUV200LLS4	ARUV200LLS4	ARUV200LLS4
			ARUV120LLS4	ARUV120LLS4	ARUV140LLS4	ARUV160LLS4
Capacity[1] (Rated)	Cooling	kW	84.0	89.6	95.2	100.8
		kcal/h	72,200	77,100	82,100	86,700
		Btu/h	286,700	305,800	324,900	344,000
Input (Rated)[1]	Cooling	kW	22.90	25.90	28.20	29.10
Power Factor[6]	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8 x 2)+62.1	(43.8 x 2)+62.1	(43.8 x 2)+62.1	(43.8 x 2)+62.1
	Number of Revolution	rev/min	(3,600 x 2)+3,600	(3,600 x 2)+3,600	(3,600 x 2)+3,600	(3,600 x 2)+3,600
	Motor Output x Number	W x No.	(4,200 x 2)+6,800	(4,200 x 2)+6,800	(4,200 x 2)+6,800	(4,200 x 2)+6,800
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Axial fan	Axial fan	Axial fan	Axial fan
	Motor Output x Number	W	1,200+750	1,200+750	1,200+750	1,200x2
	Air Flow Rate	m^3/min	270+210	270+210	270+210	270x2
		ft^3/min	9,535+7,416	9,535+7,416	9,535+7,416	9,535x2
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)	34.9(1-3/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240×1,680×760)×1 +(920×1,680×760)×1	(1,240×1,680×760)×1 + (920×1,680×760)×1	(1,240×1,680×760)×1 + (920×1,680×760)×1	(1,240×1,680×760)×2
		inch	(48-13/16×66-5/32×29-29/32)x1 +(36-7/32×66-5/32×29-29/32)	(48-13/16×66-5/32×29-29/32) x1+(36-7/32×66-5/32×29-29/32)	(48-13/16×66-5/32×29-29/32)x1 +(36-7/32×66-5/32×29-29/32)	(48-13/16×66-5/32 ×29-29/32)×2
Footprint		m^2	1.64	1.64	1.64	1.88
Net Weight		kg	243×1+178×1	243×1+178×1	243×1+178×1	243×1+203×1
		lbs	535×1+392×1	535×1+392×1	535×1+392×1	535×1+447×1
Sound Pressure Level		dB(A)	63.8	63.8	64.1	65.0
Sound Power Level		dB(A)	83.8	83.8	84.1	85.0
Protection Devices	High pressure	-	High pressure sensor / High pressure switch			
	Comperssor / Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm^2 (VCTF-SB)	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	6.0×1+5.0×1	6.0×1+5.0×1	6.0×1+5.0×1	6.0×1
		lbs	13.2×1+11.0×1	13.2×1+11.0×1	13.2×1+11.0×1	13.2×1
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60
Number of maximum connectable indoor units [2]			49(60)	52(64)	55(64)	58(64)

Note :

1. Capacities are based on the following conditions
- Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

*** Images of outdoor unit combination are in page 6~9, 'PRODUCT LINE UP'**

Standard Combination
Cooling Only

HP			38	40	42	44
Model Name	Combination Unit		ARUV380LLS4	ARUV400LLS4	ARUV420LLS4	ARUV440LLS4
	Independent Unit		ARUV200LLS4	ARUV200LLS4	ARUV180LLS4	ARUV200LLS4
			ARUV180LLS4	ARUV200LLS4	ARUV140LLS4	ARUV140LLS4
					ARUV100LLS4	ARUV100LLS4
Capacity[1] (Rated)	Cooling	kW	106.4	112.0	117.6	123.2
		kcal/h	91,500	96,400	101,100	106,000
		Btu/h	363,100	382,200	401,700	420,800
Input (Rated)[1]	Cooling	kW	31.00	34.00	32.20	35.20
Power Factor[6]	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8x2)x2	(43.8x2)x2	(43.8x2)+62.1+43.8	(43.8x2)+62.1+43.8
	Number of Revolution	rev/min	(3,600x2)x2	(3,600x2)x2	(3,600x2)+3,600x2	(3,600x2)+3,600x2
	Motor Output x Number	W x No.	(4,200x2)x2	(4,200x2)x2	(4,200x2)+6,800+4,200	(4,200x2)+6,800+4,200
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Axial fan	Axial fan	Axial fan	Axial fan
	Motor Output x Number	W	1,200x2	1,200x2	1,200+750x2	1,200+750x2
	Air Flow Rate	m^3/min	270x2	270x2	270+210x2	270+210x2
		ft^3/min	9,535x2	9,535x2	9,535+7,416x2	9,535+7,416x2
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240×1,680×760)×2	(1,240×1,680×760)×2	(1,240×1,680×760)×1 +(920×1,680×760)×2	(1,240×1,680×760)×1 +(920×1,680×760)×2
		inch	(48-13/16×66-5/32 ×29-29/32)×2	(48-13/16×66-5/32 ×29-29/32)×2	(48-13/16×66-5/32×29-29/32)×1 +(36-7/32×66-5/32×29-29/32)×2	(48-13/16×66-5/32×29-29/32)×1 +(36-7/32×66-5/32×29-29/32)×2
Footprint		m^2	1.88	1.88	2.34	2.34
Net Weight		kg	243x2	243x2	243×1+178×1+173×1	243×1+178×1+173×1
		lbs	535x2	535x2	535×1+392×1+381×1	535×1+392×1+381×1
Sound Pressure Level		dB(A)	65.0	65.0	65.2	65.2
Sound Power Level		dB(A)	85.0	85.0	85.3	85.3
Protection Devices	High pressure	-	High pressure sensor / High pressure switch			
	Comperssor / Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm^2 (VCTF-SB)	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	6.0x2	6.0x2	6.0×1+5.0×2	6.0×1+5.0×2
		lbs	13.2×1	13.2×1	13.2×1+11.0×2	13.2×1+11.0×2
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60
Number of maximum connectable indoor units [2]			61(64)	64	64	64

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

* Images of outdoor unit combination are in page 6~9, 'PRODUCT LINE UP'

Standard Combination
Cooling Only

HP			46	48	50	52
Model Name	Combination Unit		ARUV460LLS4	ARUV480LLS4	ARUV500LLS4	ARUV520LLS4
	Independent Unit		ARUV200LLS4	ARUV200LLS4	ARUV200LLS4	ARUV200LLS4
			ARUV160LLS4	ARUV180LLS4	ARUV200LLS4	ARUV200LLS4
			ARUV100LLS4	ARUV100LLS4	ARUV100LLS4	ARUV120LLS4
Capacity[1] (Rated)	Cooling	kW	128.8	134.4	140.0	145.6
		kcal/h	110,800	115,600	120,500	125,300
		Btu/h	439,900	459,000	478,100	496,900
Input (Rated)[1]	Cooling	kW	36.10	38.00	41.00	42.90
Power Factor[6]	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8x2)+62.1+43.8	(43.8x2)x2+43.8	(43.8x2)x2+43.8	(43.8x2)x2+62.1
	Number of Revolution	rev/min	(3,600x2)+3,600x2	(3,600x2)x2+3,600	(3,600x2)x2+3,600	(3,600x2)x2+3,600
	Motor Output x Number	W x No.	(4,200x2)+6,800+4,200	(4,200x2)x2+4,200	(4,200x2)x2+4,200	(4,200x2)x2+6,800
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Axial fan	Axial fan	Axial fan	Axial fan
	Motor Output x Number	W	1,200x2+750	1,200x2+750	1,200x2+750	1,200x2+750
	Air Flow Rate	m^3/min	270x2+210	270x2+210	270x2+210	270x2+210
		ft^3/min	9,535x2+7,416	9,535x2+7,416	9,535x2+7,416	9,535x2+7,416
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240×1,680×760)×2 +(920×1,680×760)×1	(1,240×1,680×760)×2 +(920×1,680×760)×1	(1,240×1,680×760)×2 +(920×1,680×760)×1	(1,240×1,680×760)×2 +(920×1,680×760)×1
		inch	(48-13/16×66-5/32×29-29/32)×2 +(36-7/32×66-5/32×29-29/32)×1	(48-13/16×66-5/32×29-29/32)×2 +(36-7/32×66-5/32×29-29/32)×1	(48-13/16×66-5/32×29-29/32)×2 +(36-7/32×66-5/32×29-29/32)×1	(48-13/16×66-5/32×29-29/32)×2 +(36-7/32×66-5/32×29-29/32)×1
Footprint		m^2	2.58	2.58	2.58	2.58
Net Weight		kg	243×1+203×1+173×1	243×2+173x1	243×2+173x1	243×2+173x1
		lbs	535×1+447×1+381×1	535x2+381x1	535x2+381x1	535x2+381x1
Sound Pressure Level		dB(A)	65.9	65.9	65.9	66.0
Sound Power Level		dB(A)	86.0	86.0	86.0	86.0
Protection Devices	High pressure	-	High pressure sensor / High pressure switch			
	Comperssor / Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm^2 (VCTF-SB)	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	6.0×2+5.0×1	6.0×2+5.0×1	6.0×2+5.0×1	6.0×2+5.0×1
		lbs	13.2×2+11.0×1	13.2×2+11.0×1	13.2×2+11.0×1	13.2×2+11.0×1
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60
Number of maximum connectable indoor units [2]			64	64	64	64

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

* Images of outdoor unit combination are in page 6~9, 'PRODUCT LINE UP'

Standard Combination
Cooling Only

HP			54	56	58	60
Model Name	Combination Unit		ARUV540LLS4	ARUV560LLS4	ARUV580LLS4	ARUV600LLS4
	Independent Unit		ARUV200LLS4	ARUV200LLS4	ARUV200LLS4	ARUV200LLS4
			ARUV200LLS4	ARUV200LLS4	ARUV200LLS4	ARUV200LLS4
			ARUV140LLS4	ARUV160LLS4	ARUV180LLS4	ARUV200LLS4
Capacity[1] (Rated)	Cooling	kW	151.2	156.8	162.4	168.0
		kcal/h	130,100	134,900	139,700	144,600
		Btu/h	516,000	535,100	554,200	573,300
Input (Rated)[1]	Cooling	kW	45.20	46.10	48.00	51.00
Power Factor[6]	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8x2)x2+62.1	(43.8x2)x2+62.1	(43.8x2)x3	(43.8x2)x3
	Number of Revolution	rev/min	(3,600x2)x2+3,600	(3,600x2)x2+3,600	(3,600x2)x3	(3,600x2)x3
	Motor Output x Number	W x No.	(4,200x2)x2+6,800	(4,200x2)x2+6,800	(4,200x2)x3	(4,200x2)x3
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Axial fan	Axial fan	Axial fan	Axial fan
	Motor Output x Number	W	1,200x2+750	1,200x3	1,200x3	1,200x3
	Air Flow Rate	m^3/min	270x2+210	270x3	270x3	270x3
		ft^3/min	9,535x2+7,416	9,535x3	9,535x3	9,535x3
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240×1,680×760)×2 +(920×1,680×760)×1	(1,240×1,680×760)×3	(1,240×1,680×760)×3	(1,240×1,680×760)×3
		inch	(48-13/16×66-5/32×29-29/32)x2 +(36-7/32×66-5/32×29-29/32)×1	(48-13/16×66-5/32 ×29-29/32)x3	(48-13/16×66-5/32 ×29-29/32)x3	48-13/16×66-5/32 ×29-29/32)x3
Footprint		m^2	2.58	2.83	2.83	2.83
Net Weight		kg	243×2+178×1	243×2+203×1	243×3	243×3
		lbs	535×2+392×1	535×2+447×1	535×3	535×3
Sound Pressure Level		dB(A)	66.2	66.8	66.8	66.8
Sound Power Level		dB(A)	86.5	86.5	86.8	86.8
Protection Devices	High pressure	-	High pressure sensor / High pressure switch			
	Comperssor / Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm^2 (VCTF-SB)	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	6.0×2+5.0×1	6.0×3	6.0×3	6.0×3
		lbs	13.2×2+11.0×1	13.2×3	13.2×3	13.2×3
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60
Number of maximum connectable indoor units [2]			64	64	64	64

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

*** Images of outdoor unit combination are in page 6~9, 'PRODUCT LINE UP'**

Standard Combination
Cooling Only

HP			62	64	66	68
Model Name	Combination Unit		ARUV620LLS4	ARUV640LLS4	ARUV660LLS4	ARUV680LLS4
	Independent Unit		ARUV180LLS4	ARUV180LLS4	ARUV180LLS4	ARUV200LLS4
			ARUV160LLS4	ARUV180LLS4	ARUV180LLS4	ARUV200LLS4
			ARUV140LLS4	ARUV140LLS4	ARUV160LLS4	ARUV140LLS4
			ARUV140LLS4	ARUV140LLS4	ARUV140LLS4	ARUV140LLS4
Capacity[1] (Rated)	Cooling	kW	173.6	179.2	184.8	190.4
		kcal/h	149,200	154,000	158,800	163,800
		Btu/h	592,700	611,600	630,700	649,800
Input (Rated)[1]	Cooling	kW	48.50	50.40	51.30	56.40
Power Factor[6]	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8x2)+62.1x3	(43.8x2)x2+62.1x2	(43.8x2)x2+62.1x2	(43.8x2)x2+62.1x2
	Number of Revolution	rev/min	(3,600x2)+3,600x3	(3,600x2)x2+3,600x2	(3,600x2)x2+3,600x2	(3,600x2)x2+3,600x2
	Motor Output x Number	W x No.	(4,200x2)+6,800x3	(4,200x2)x2+6,800x2	(4,200x2)x2+6,800x2	(4,200x2)x2+6,800x2
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Axial fan	Axial fan	Axial fan	Axial fan
	Motor Output x Number	W	1,200x2+750x2	1,200x2+750x2	1,200x3+750	1,200x2+750x2
	Air Flow Rate	m^3/min	270x2+210x2	270x2+210x2	270x3+210	270x2+210x2
		ft^3/min	9,535x2+7,416x2	9,535x2+7,416x2	9,535x3+7,416	9,535x2+7,416x2
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	44.5(1-3/4)	44.5(1-3/4)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240×1,680×760)×2 +(920×1,680×760)×2	(1,240×1,680×760)×2 +(920×1,680×760)×2	(1,240×1,680×760)×3 +(920×1,680×760)×1	(1,240×1,680×760)×2 +(920×1,680×760)×2
		inch	(48-13/16×66-5/32×29-29/32)x2 +(36-7/32×66-5/32×29-29/32)×2	(48-13/16×66-5/32×29-29/32)x2 +(36-7/32×66-5/32×29-29/32)×2	(48-13/16×66-5/32×29-29/32)x3 +(36-7/32×66-5/32×29-29/32)×1	(48-13/16×66-5/32×29-29/32)x2 +(36-7/32×66-5/32×29-29/32)×2
Footprint		m^2	3.28	3.28	3.53	3.28
Net Weight		kg	243×1+203×1+178×2	243×2+178×2	243×2+205×1+203×1	243×2+178×2
		lbs	535×1+447×1+392×2	535×2+392×2	5435×2+452×1+381×1	535×2+392×2
Sound Pressure Level		dB(A)	67.1	67.1	67.6	67.1
Sound Power Level		dB(A)	87.1	87.1	87.6	87.1
Protection Devices	High pressure	-	High pressure sensor / High pressure switch			
	Comperssor / Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm^2 (VCTF-SB)	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	6.0×2+5.0×2	6.0×2+5.0×2	6.0×2+5.0×1	6.0×2+5.0×2
		lbs	13.2×2+11.1×2	13.2×2+11.1×2	13.2×2+11.1×1	13.2×2+11.1×2
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60
Number of maximum connectable indoor units [2]			64	64	64	64

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

*** Images of outdoor unit combination are in page 6~9, 'PRODUCT LINE UP'**

Standard Combination
Cooling Only

HP			70	72	74	76
Model Name	Combination Unit		ARUV700LLS4	ARUV720LLS4	ARUV740LLS4	ARUV760LLS4
	Independent Unit		ARUV200LLS4	ARUV200LLS4	ARUV200LLS4	ARUV200LLS4
			ARUV200LLS4	ARUV200LLS4	ARUV200LLS4	ARUV200LLS4
			ARUV160LLS4	ARUV180LLS4	ARUV180LLS4	ARUV180LLS4
			ARUV140LLS4	ARUV140LLS4	ARUV160LLS4	ARUV180LLS4
Capacity[1] (Rated)	Cooling	kW	196.0	201.6	207.2	212.8
		kcal/h	168,600	173,400	178,200	183,000
		Btu/h	668,900	688,000	707,100	726,200
Input (Rated)[1]	Cooling	kW	57.30	59.20	60.10	62.00
Power Factor[6]	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8x2)x2+62.1x2	(43.8x2)x3+62.1	(43.8x2)x3+62.1	(43.8x2)x4
	Number of Revolution	rev/min	(3,600x2)x2+3,600x2	(3,600x2)x3+3,600	(3,600x2)x3+3,600	(3,600x2)x4
	Motor Output x Number	W x No.	(4,200x2)x2+6,800x2	(4,200x2)x3+6,800	(4,200x2)x3+6,800	(4,200x2)x4
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Axial fan	Axial fan	Axial fan	Axial fan
	Motor Output x Number	W	1,200x3+750	1,200x3+750	1,200x4	1,200x4
	Air Flow Rate	m^3/min	270x3+210	270x3+210	270x4	270x4
		ft^3/min	9,535x3+7,416	9,535x3+7,416	9,535x4	9,535x4
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240×1,680×760)×3 +(920×1,680×760)×1	(1,240×1,680×760)×3 +(920×1,680×760)×1	(1,240×1,680×760)×4	(1,240×1,680×760)×4
		inch	(48-13/16×66-5/32×29-29/32)x3 +(36-7/32×66-5/32×29-29/32)×1	(48-13/16×66-5/32×29-29/32)x3 +(36-7/32×66-5/32×29-29/32)×1	(48-13/16×66-5/32 ×29-29/32)x4	(48-13/16×66-5/32 ×29-29/32)x4
Footprint		m^2	3.53	3.53	3.77	3.77
Net Weight		kg	243×2+203×1+178×1	243x3+178x1	243x3+203x1	243x4
		lbs	535×2+447×1+392×1	535x3+392x1	535x3+447x1	535x4
Sound Pressure Level		dB(A)	67.6	67.6	68.0	68.0
Sound Power Level		dB(A)	87.6	87.6	88.0	88.0
Protection Devices	High pressure	-	High pressure sensor / High pressure switch			
	Comperssor / Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm^2 (VCTF-SB)	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	6.0×3+5.0×1	6.0×3+5.0×1	6.0×2	6.0×2
		lbs	13.2×3+11.0×1	13.2×3+11.0×1	13.2×2	13.2×2
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60
Number of maximum connectable indoor units [2]			64	64	64	64

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

* Images of outdoor unit combination are in page 6~9, 'PRODUCT LINE UP'

Standard Combination
Cooling Only

HP			78	80
Model Name	Combination Unit		ARUV780LLS4	ARUV800LLS4
	Independent Unit		ARUV200LLS4	ARUV200LLS4
			ARUV200LLS4	ARUV200LLS4
			ARUV200LLS4	ARUV200LLS4
			ARUV180LLS4	ARUV200LLS4
Capacity[1] (Rated)	Cooling	kW	218.4	224.0
		kcal/h	187,900	192,800
		Btu/h	745,300	764,400
Input (Rated)[1]	Cooling	kW	65.00	68.00
Power Factor[6]	Rated	-	0.93	0.93
Casing Color			Warm Gray / Morning Gray	Warm Gray / Morning Gray
Heat Exchanger			Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8 x 2) x 4	(43.8 x 2) x 4
	Number of Revolution	rev/min	(3,600x2)x4	(3,600x2)x4
	Motor Output x Number	W x No.	(4,200x2)x4	(4,200x2)x4
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Axial fan	Axial fan
	Motor Output x Number	W	1,200x4	1,200x4
	Air Flow Rate	m^3/min	270x4	270x4
		ft^3/min	9,535x4	9,535x4
	Drive		DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP
Piping Connections	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240×1,680×760)×4	(1,240×1,680×760)×4
		inch	(48-13/16×66-5/32 ×29-29/32)x4	(48-13/16×66-5/32 ×29-29/32)x4
Footprint		m^2	3.77	3.77
Net Weight		kg	243×4	243×4
		lbs	535×4	535×4
Sound Pressure Level		dB(A)	68.0	68.0
Sound Power Level		dB(A)	88.0	88.0
Protection Devices	High pressure	-	High pressure sensor / High pressure switch	
	Comperssor / Fan	-	Over-heat protection / Fan driver overload protector	
	Inverter	-	Over-heat protection / Over-current protection	
Communication Cable		No.xmm^2 (VCTF-SB)	2C×1.0~1.5	2C×1.0~1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	6.0×4	6.0×4
		lbs	13.2×4	13.2×4
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60
Number of maximum connectable indoor units [2]			64	64

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

* Images of outdoor unit combination are in page 6~9, 'PRODUCT LINE UP'

Space Saving Combination
Cooling Only

HP			42	44	62	64	66
Model Name	Combination Unit		ARUV420LLN4	ARUV440LLN4	ARUV620LLN4	ARUV640LLN4	ARUV660LLN4
	Independent Unit		ARUV220LLN4	ARUV220LLN4	ARUV220LLN4	ARUV220LLN4	ARUV220LLN4
			ARUV200LLS4	ARUV220LLN4	ARUV200LLS4	ARUV220LLN4	ARUV220LLN4
					ARUV200LLS4	ARUV200LLS4	ARUV220LLN4
Capacity[1] (Rated)	Cooling	kW	117.6	123.2	173.6	179.2	184.8
		kcal/h	101,200	106,000	149,400	154,200	159,000
		Btu/h	401,300	420,400	592,400	611,500	630,600
Input (Rated)[1]	Cooling	kW	37.50	41.00	54.50	58.00	61.50
Power Factor[6]	Rated	-	0.93	0.93	0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8x2)x2	(43.8x2)x2	(43.8x2)x3	(43.8x2)x3	(43.8x2)x3
	Number of Revolution	rev/min	(3,600x2)x2	(3,600x2)x2	(3,600x2)x3	(3,600x2)x3	(3,600x2)x3
	Motor Output x Number	W x No.	(4,200x2)x2	(4,200x2)x2	(4,200x2)x3	(4,200x2)x3	(4,200x2)x3
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Axial fan	Axial fan	Axial fan	Axial fan	Axial fan
	Motor Output x Number	W	1,200x2	1,200x2	1,200 x 3	1,200x3	1,200x3
	Air Flow Rate	m^3/min	270x2	270x2	270 x 3	270x3	270x3
		ft^3/min	9,535x2	9,535x 2	9,535 x 3	9,535x3	9,535x3
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)	44.5(1-3/4)	44.5(1-3/4)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240×1,680×760)×2	(1,240×1,680×760)×2	(1,240×1,680×760)×3	(1,240×1,680×760)×3	(1,240×1,680×760)×3
		inch	(48-13/16×66-5/32 ×29-29/32)×2	(48-13/16×66-5/32 ×29-29/32)×2	(48-13/16×66-5/32 ×29-29/32)×3	(48-13/16×66-5/32 ×29-29/32)×3	(48-13/16×66-5/32 ×29-29/32)×3
Footprint		m^2	1.88	1.88	2.83	2.83	2.83
Net Weight		kg	253×2	253×2	253×2	253×2	253×3
		lbs	557×2	557×2	557×2	557×2	557×3
Sound Pressure Level		dB(A)	65.0	65.0	66.8	66.8	66.8
Sound Power Level		dB(A)	85.0	85.0	86.8	86.8	86.8
Protection Devices	High pressure	-	High pressure sensor / High pressure switch				
	Comperssor / Fan	-	Over-heat protection / Fan driver overload protector				
	Inverter	-	Over-heat protection / Over-current protection				
Communication Cable		No.xmm^2 (VCTF-SB)	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A	R410A
	Precharged Amount	kg	7.6×2	7.6×2	7.6x3	7.6x3	7.6x3
		lbs	16.8×2	16.8×2	16.8x3	16.8x3	16.8x3
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60
Number of maximum connectable indoor units [2]			64	64	64	64	64

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

* Images of outdoor unit combination are in page 6~9, 'PRODUCT LINE UP'

Space Saving Combination
Cooling Only

HP			82	84	86	88
Model Name	Combination Unit		ARUV820LLN4	ARUV840LLN4	ARUV860LLN4	ARUV880LLN4
	Independent Unit		ARUV220LLN4	ARUV220LLN4	ARUV220LLN4	ARVN220LLN4
			ARUV200LLS4	ARUV220LLN4	ARUV220LLN4	ARVN220LLN4
			ARUV200LLS4	ARUV200LLS4	ARUV220LLN4	ARVN220LLN4
			ARUV200LLS4	ARUV200LLS4	ARUV200LLS4	ARVN220LLN4
Capacity[1] (Rated)	Cooling	kW	229.6	235.2	240.8	246.4
		kcal/h	197,600	202,400	207,200	212,000
		Btu/h	783,500	802,600	821,700	840,800
Input (Rated)[1]	Cooling	kW	71.50	75.00	78.50	82.00
Power Factor[6]	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray	Warm Gray /Morning Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(43.8x2)x4	(43.8x2)x4	(43.8x2)x4	(43.8x2)x4
	Number of Revolution	rev/min	(3,600x2)x4	(3,600x2)x4	(3,600x2)x4	(3,600x2)x4
	Motor Output x Number	W x No.	(4,200x2)x4	(4,200x2)x4	(4,200x2)x4	(4,200x2)x4
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Axial fan	Axial fan	Axial fan	Axial fan
	Motor Output x Number	W	1,200x4	1,200x4	1,200x4	1,200x4
	Air Flow Rate	m^3/min	270x4	270x4	270x4	270x4
		ft^3/min	9,535x4	9,535x4	9,535x4	9,535x4
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240×1,680×760)×4	(1,240×1,680×760)×4	(1,240×1,680×760)×4	(1,240×1,680×760)×4
		inch	(48-13/16×66-5/32 ×29-29/32)×4	(48-13/16×66-5/32 ×29-29/32)×4	(48-13/16×66-5/32 ×29-29/32)×4	(48-13/16×66-5/32×29-29/32)×4
Footprint		m^2	3.77	3.77	3.77	3.77
Net Weight		kg	253×4	253×4	253×4	253×4
		lbs	557×4	557×4	557×4	557×4
Sound Pressure Level		dB(A)	68.0	68.0	68.0	68.0
Sound Power Level		dB(A)	88.0	88.0	88.0	88.0
Protection Devices	High pressure	-	High pressure sensor / High pressure switch			
	Comperssor / Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm^2 (VCTF-SB)	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5	2C×1.0~1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	7.6x4	7.6x4	7.6x4	7.6x4
		lbs	16.8x4	16.8x4	16.8x4	16.8x4
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60
Number of maximum connectable indoor units [2]			64	64	64	64

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

* Images of outdoor unit combination are in page 6~9, 'PRODUCT LINE UP'

Heat Pump / 3Ø 380V

HP			8	10	12	14
Model Name	Combination Unit		ARUN080LTR4	ARUN100LTR4	ARUN120LTR4	ARUN140LTR4
	Independent Unit		ARUN080LTR4	ARUN100LTR4	ARUN120LTR4	ARUN140LTR4
Capacity (Rated)	Cooling	kW	22.4	28.0	33.6	39.2
		kcal/h	19,300	24,100	28,900	33,700
		Btu/h	76,400	95,900	114,700	133,800
	Heating	kW	25.2	31.5	37.8	44.1
		kcal/h	21,700	27,100	32,500	37,900
		Btu/h	86,000	107,500	129,000	150,500
Input (Rated)	Cooling	kW	4.76	5.85	8.01	9.42
	Heating	kW	4.98	5.97	8.30	10.36
Power Factor	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Morning Gray			
Heat Exchanger			Ocean Black Fin			
Compressor	Type		Hermetically Sealed Scroll			
	Piston Displacement	cm³/rev	43.8	62.1	62.1	62.1
	Number of Revolution	rev/min	3,600	3,600	3,600	3,600
	Motor Output x Number	W x No.	4,200	6,800	6,800	6,800
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	750 x 1	750 x 1	750 x 1	600 x 2
	Air Flow Rate	m³/min	210	210	210	290
		ft3/min	7,416	7,416	7,416	10,241
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)	12.7(1/2)
	Gas	mm(inch)	19.05(3/4)	22.2(7/8)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W x H x D)		mm	(920 × 1,680 × 760) × 1	(920 × 1,680 × 760) × 1	(920 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 1
		inch	(36-7/32 × 66-5/32 × 29-29/32) × 1	(36-7/32 × 66-5/32 × 29-29/32) × 1	(36-7/32 × 66-5/32 × 29-29/32) × 1	(48-13/16 × 66-5/32 × 29-29/32) × 1
Net Weight		kg	195 × 1	201 × 1	201 × 1	235 × 1
		lbs	430 × 1	443 × 1	443 × 1	518 × 1
Sound Pressure Level	Cooling	dB(A)	58.5	59.0	59.0	59.0
	Heating	dB(A)	58.5	59.0	59.0	59.0
Sound Power Level		dB(A)	78.0	79.0	79.0	79.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch			
	Compersor/ Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm² (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	6.5	6.5	6.5	8.5
		lbs	14.3	14.3	14.3	18.7
	Control		Electronic Expansion Valve			
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60

Notes:
1. Capacities are based on the following conditions:
   - Cooling Temperature : Indoor 27°C(80.6°F) DB / 19°C(66.2°F) WB
     Outdoor 35°C(95°F) DB / 24°C(75.2°F) WB
   - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB
     Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
   - Piping Length : Interconnected Pipe Length = 7.5m
   - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
2. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
3. Wiring cable size must comply with the applicable local and national codes.
4. Due to our policy of innovation some specifications may be changed without notification.
5. Sound Level Values can be increased owing to ambient conditions during operation.
6. Power factor could vary less than ±1% according to the operating conditions.

Heat Pump / 3Ø 380V

HP			16	18	20	22
Model Name	Combination Unit		ARUN160LTR4	ARUN180LTR4	ARUN200LTR4	ARUN220LTR4
	Independent Unit		ARUN160LTR4	ARUN180LTR4	ARUN200LTR4	ARUN120LTR4
						ARUN100LTR4
Capacity (Rated)	Cooling	kW	44.8	50.4	56.0	61.6
		kcal/h	38,500	43,300	48,200	53,000
		Btu/h	152,900	172,000	191,100	210,600
	Heating	kW	50.4	56.7	63.0	69.3
		kcal/h	43,300	48,800	54,200	59,600
		Btu/h	172,000	193,500	215,000	236,500
Input (Rated)	Cooling	kW	11.58	10.70	12.54	13.86
	Heating	kW	12.73	12.23	14.52	14.27
Power Factor	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Morning Gray			
Heat Exchanger			Ocean Black Fin			
Compressor	Type		Hermetically Sealed Scroll			
	Piston Displacement	cm³/rev	62.1	43.8 × 2	43.8 × 2	62.1 × 2
	Number of Revolution	rev/min	3,600	3,600 ×2	3,600 ×2	3,600 ×2
	Motor Output x Number	W x No.	6,800	4,200 ×2	4,200 ×2	6,800 ×2
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	600 x 2	600 x 2	600 x 2	750 x 2
	Air Flow Rate	m³/min	290	290	290	210 x 2
		ft3/min	10,241	10,241	10,241	7,416 x 2
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)
	Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 1	(920 × 1,680 × 760) × 2
		inch	(48-13/16 × 66-5/32 × 29-29/32) × 1	(48-13/16 × 66-5/32 × 29-29/32) × 1	(48-13/16 × 66-5/32 × 29-29/32) × 1	(36-7/32 × 66-5/32 × 29-29/32) × 2
Net Weight		kg	235 × 1	270 × 1	280 × 1	201 × 2
		lbs	518 × 1	595 × 1	617 × 1	443 × 2
Sound Pressure Level	Cooling	dB(A)	59.0	59.5	59.5	62.0
	Heating	dB(A)	59.0	59.5	59.5	62.0
Sound Power Level		dB(A)	79.0	79.5	79.5	82.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch			
	Compersor/ Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm² (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	8.5	8.5	10.0	6.5 × 2
		lbs	18.7	18.7	22.0	14.3 × 2
	Control		Electronic Expansion Valve			
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60

Notes:
1. Capacities are based on the following conditions:
   - Cooling Temperature : Indoor 27°C(80.6°F) DB / 19°C(66.2°F) WB
     Outdoor 35°C(95°F) DB / 24°C(75.2°F) WB
   - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB
     Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
   - Piping Length : Interconnected Pipe Length = 7.5m
   - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
2. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
3. Wiring cable size must comply with the applicable local and national codes.
4. Due to our policy of innovation some specifications may be changed without notification.
5. Sound Level Values can be increased owing to ambient conditions during operation.
6. Power factor could vary less than ±1% according to the operating conditions.

Heat Pump / 3Ø 380V

HP			24	26	28	30
Model Name	Combination Unit		ARUN240LTR4	ARUN260LTR4	ARUN280LTR4	ARUN300LTR4
	Independent Unit		ARUN120LTR4	ARUN140LTR4	ARUN160LTR4	ARUN180LTR4
			ARUN120LTR4	ARUN120LTR4	ARUN120LTR4	ARUN120LTR4
Capacity (Rated)	Cooling	kW	67.2	72.8	78.4	84.0
		kcal/h	57,800	62,600	67,400	72,200
		Btu/h	229,400	248,500	267,600	286,700
	Heating	kW	75.6	81.9	88.2	94.5
		kcal/h	65,000	70,400	75,800	81,300
		Btu/h	258,000	279,500	301,000	322,500
Input (Rated)	Cooling	kW	16.02	17.43	19.59	18.71
	Heating	kW	16.60	18.66	21.03	20.53
Power Factor	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Morning Gray			
Heat Exchanger			Ocean Black Fin			
Compressor	Type		Hermetically Sealed Scroll			
	Piston Displacement	cm³/rev	62.1 × 2	62.1 × 2	62.1 × 2	(43.8 x 2) + 62.1
	Number of Revolution	rev/min	3,600 ×2	3,600 ×2	3,600 ×2	(3,600 x 2) + 3,600
	Motor Output x Number	W x No.	6,800 ×2	6,800 ×2	6,800 ×2	(4,200 x 2) + 6,800
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	750 x 2	(600 x 2) + 750	(600 x 2) + 750	(600 x 2) + 750
	Air Flow Rate	m³/min	210 x 2	290 + 210	290 + 210	290 + 210
		ft3/min	7,416 x 2	10,241+ 7,416	10,241 + 7,416	10,241 + 7,416
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	15.88(5/8)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)	34.9(1-3/8)	34.9(1-3/8)
Dimensions(W x H x D)		mm	(920 × 1,680 × 760) × 2	(1,240 × 1,680 × 760) × 1+ (920 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 1+ (920 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 1+ (920 × 1,680 × 760) × 1
		inch	(36-7/32 × 66-5/32 × 29-29/32) x 2	(48-13/16 × 66-5/32 × 29-29/32) x 1 + (36-7/32×66-5/32×29-29/32)	(48-13/16 × 66-5/32 × 29-29/32) x 1 + (36-7/32×66-5/32×29-29/32)	(48-13/16 × 66-5/32 × 29-29/32) x 1 + (36-7/32×66-5/32×29-29/32)
Net Weight		kg	201 × 2	235 × 1 + 201 × 1	235 × 1 + 201 × 1	270 × 1 + 201 × 1
		lbs	443 × 2	518 × 1 + 443 × 1	518 × 1 + 443 × 1	595 × 1 + 443 × 1
Sound Pressure Level	Cooling	dB(A)	62.0	62.0	62.0	62.3
	Heating	dB(A)	62.0	62.0	62.0	62.3
Sound Power Level		dB(A)	82.0	82.0	82.0	82.3
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch			
	Comperssor/ Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm² (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	6.5 × 2	8.5 + 6.5	8.5 + 6.5	8.5
		lbs	14.3 × 2	18.7 + 14.3	18.7 + 14.3	18.7
	Control		Electronic Expansion Valve			
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60

Notes:

1. Capacities are based on the following conditions:
   - Cooling Temperature : Indoor 27°C(80.6°F) DB / 19°C(66.2°F) WB
     Outdoor 35°C(95°F) DB / 24°C(75.2°F) WB
   - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB
     Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
   - Piping Length : Interconnected Pipe Length = 7.5m
   - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
2. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
3. Wiring cable size must comply with the applicable local and national codes.
4. Due to our policy of innovation some specifications may be changed without notification.
5. Sound Level Values can be increased owing to ambient conditions during operation.
6. Power factor could vary less than ±1% according to the operating conditions.

Heat Pump / 3Ø 380V

HP			32	34	36	38
Model Name	Combination Unit		ARUN320LTR4	ARUN340LTR4	ARUN360LTR4	ARUN380LTR4
	Independent Unit		ARUN200LTR4	ARUN200LTR4	ARUN200LTR4	ARUN200LTR4
			ARUN120LTR4	ARUN140LTR4	ARUN160LTR4	ARUN180LTR4
Capacity (Rated)	Cooling	kW	89.6	95.2	100.8	106.4
		kcal/h	77,100	81,900	86,700	91,500
		Btu/h	305,800	324,900	344,000	363,100
	Heating	kW	100.8	107.1	113.4	119.7
		kcal/h	86,700	92,100	97,500	103,000
		Btu/h	344,000	365,500	387,000	408,400
Input (Rated)	Cooling	kW	20.55	21.96	24.12	23.24
	Heating	kW	22.82	24.88	27.25	26.75
Power Factor	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Morning Gray			
Heat Exchanger			Ocean Black Fin			
Compressor	Type		Hermetically Sealed Scroll			
	Piston Displacement	cm³/rev	(43.8 x 2) + 62.1	(43.8 x 2) + 62.1	(43.8 x 2) + 62.1	(43.8 x 2) x 2
	Number of Revolution	rev/min	(3,600 x 2) + 3,600	(3,600 x 2) + 3,600	(3,600 x 2) + 3,600	(3,600 x 2) x 2
	Motor Output x Number	W x No.	(4,200 x 2) + 6,800	(4,200 x 2) + 6,800	(4,200 x 2) + 6,800	(4,200 x 2) x 2
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	(600 x 2) + 750	(600 x 2) x 2	(600 x 2) x 2	(600 x 2) x 2
	Air Flow Rate	m³/min	290 + 210	290 x 2	290 x 2	290 x 2
		ft3/min	10,241 + 7,416	10,241 x 2	10,241 x 2	10,241 x 2
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,680 × 760) × 1 + (920 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 2	(1,240 × 1,680 × 760) × 2	(1,240 × 1,680 × 760) × 2
		inch	(48-13/16 × 66-5/32 × 29-29/32) x1 + (36-7/32×66-5/32×29-29/32)	(48-13/16 × 66-5/32 × 29-29/32) x 2	(48-13/16 × 66-5/32 × 29-29/32) x 2	(48-13/16 × 66-5/32 × 29-29/32) x 2
Net Weight		kg	280 × 1 + 201 × 1	280 × 1 + 235 × 1	280 × 1 + 235 × 1	280 × 1 + 270 × 1
		lbs	617 × 1 + 443 × 1	617 × 1 + 518 × 1	617 × 1 + 518 × 1	617 × 1 + 595 × 1
Sound Pressure Level	Cooling	dB(A)	62.3	62.3	62.3	62.5
	Heating	dB(A)	62.3	62.3	62.3	62.5
Sound Power Level		dB(A)	82.3	82.3	82.3	82.5
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch			
	Comperssor/ Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm² (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	8.5	10.0	6.5 × 2	10.0 + 8.5
		lbs	18.7	22.0	14.3 × 2	22.0 + 18.7
	Control		Electronic Expansion Valve			
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60

Notes:

1. Capacities are based on the following conditions:
   - Cooling Temperature : Indoor 27°C(80.6°F) DB / 19°C(66.2°F) WB
     Outdoor 35°C(95°F) DB / 24°C(75.2°F) WB
   - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB
     Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
   - Piping Length : Interconnected Pipe Length = 7.5m
   - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
2. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
3. Wiring cable size must comply with the applicable local and national codes.
4. Due to our policy of innovation some specifications may be changed without notification.
5. Sound Level Values can be increased owing to ambient conditions during operation.
6. Power factor could vary less than ±1% according to the operating conditions.

Heat Pump / 3Ø 380V

HP			40	42	44	46
Model Name	Combination Unit		ARUN400LTR4	ARUN420LTR4	ARUN440LTR4	ARUN460LTR4
	Independent Unit		ARUN200LTR4	ARUN180LTR4	ARUN200LTR4	ARUN200LTR4
			ARUN200LTR4	ARUN140LTR4	ARUN140LTR4	ARUN160LTR4
				ARUN100LTR4	ARUN100LTR4	ARUN100LTR4
Capacity (Rated)	Cooling	kW	112.0	117.6	123.2	128.8
		kcal/h	96,400	101,100	106,000	110,800
		Btu/h	382,200	401,700	420,800	439,900
	Heating	kW	126.0	132.3	138.6	144.9
		kcal/h	108,400	113,800	119,200	124,600
		Btu/h	429,900	451,500	473,000	494,500
Input (Rated)	Cooling	kW	25.08	25.97	27.81	29.97
	Heating	kW	29.04	28.56	30.85	33.22
Power Factor	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Morning Gray			
Heat Exchanger			Ocean Black Fin			
Compressor	Type		Hermetically Sealed Scroll			
	Piston Displacement	cm³/rev	(43.8 x 2) x 2	(43.8 x 2) + 62.1 x 2	(43.8 x 2) + 62.1 x 2	(43.8 x 2) + 62.1 x 2
	Number of Revolution	rev/min	(3,600 x 2) x 2	(3,600 x 2) + 3,600 x 2	(3,600 x 2) + 3,600 x 2	(3,600 x 2) + 3,600 x 2
	Motor Output x Number	W x No.	(4,200 x 2) x 2	(4,200 x 2) + 6,800 x 2	(4,200 x 2) + 6,800 x 2	(4,200 x 2) + 6,800 x 2
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	(600 x 2) x 2	(600 x 2) x 2 + 750	(600 x 2) x 2 + 750	(600 x 2) x 2 + 750
	Air Flow Rate	m³/min	290 x 2	250 x 2 + 210	290 x 2 + 210	290 x 2 + 210
		ft3/min	10,241 x 2	10,241 x 2 + 7,416	10,241 x 2 + 7,416	10,241 x 2 + 7,416
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,680 × 760) × 2	(1,240 × 1,680 × 760) × 2 + (920 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 2 + (920 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 2 + (920 × 1,680 × 760) × 1
		inch	(48-13/16 × 66-5/32 × 29-29/32) x 2	(48-13/16 × 66-5/32 × 29-29/32) x 2 + (36-7/32 × 66-5/32 × 29-29/32) × 1	(48-13/16 × 66-5/32 × 29-29/32) x 2 + (36-7/32 × 66-5/32 × 29-29/32) × 1	(48-13/16 × 66-5/32 × 29-29/32) x 2 + (36-7/32 × 66-5/32 × 29-29/32) × 1
Net Weight		kg	280 × 2	270 × 1 + 235 × 1 + 201 × 1	280 × 1 + 235 × 1 + 201 × 1	280 × 1 + 235 × 1 + 201 × 1
		lbs	617 × 2	595 × 1 + 518 × 1 + 443 × 1	617 × 1 + 518 × 1 + 443 × 1	617 × 1 + 518 × 1 + 443 × 1
Sound Pressure Level	Cooling	dB(A)	62.5	63.9	63.9	63.9
	Heating	dB(A)	62.5	63.9	63.9	63.9
Sound Power Level		dB(A)	82.5	83.9	83.9	83.9
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch			
	Compersor/ Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm² (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	10.0 × 2	(8.5 × 2) + 6.5	10.0 + 8.5 + 6.5	8.5
		lbs	22.0 × 2	(18.7 × 2) + 14.3	22.0 + 18.7 + 14.3	18.7
	Control		Electronic Expansion Valve			
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60

Notes:
1. Capacities are based on the following conditions:
   - Cooling Temperature : Indoor 27°C(80.6°F) DB / 19°C(66.2°F) WB
     Outdoor 35°C(95°F) DB / 24°C(75.2°F) WB
   - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB
     Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
   - Piping Length : Interconnected Pipe Length = 7.5m
   - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
2. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
3. Wiring cable size must comply with the applicable local and national codes.
4. Due to our policy of innovation some specifications may be changed without notification.
5. Sound Level Values can be increased owing to ambient conditions during operation.
6. Power factor could vary less than ±1% according to the operating conditions.

Heat Pump / 3Ø 380V

HP			48	50	52	54
Model Name	Combination Unit		ARUN480LTR4	ARUN500LTR4	ARUN520LTR4	ARUN540LTR4
	Independent Unit		ARUN200LTR4	ARUN200LTR4	ARUN200LTR4	ARUN200LTR4
			ARUN180LTR4	ARUN200LTR4	ARUN200LTR4	ARUN200LTR4
			ARUN100LTR4	ARUN100LTR4	ARUN120LTR4	ARUN140LTR4
Capacity (Rated)	Cooling	kW	134.4	140.0	145.6	151.2
		kcal/h	115,600	120,500	125,300	130,100
		Btu/h	459,000	478,100	496,900	516,000
	Heating	kW	151.2	157.5	163.8	170.1
		kcal/h	130,100	135,500	140,900	146,300
		Btu/h	516,000	537,500	559,000	580,500
Input (Rated)	Cooling	kW	29.09	30.93	33.09	34.50
	Heating	kW	32.72	35.01	37.34	39.40
Power Factor	Rated	-	0.93	0.93	0.93	0.93
Casing Color			Morning Gray			
Heat Exchanger			Ocean Black Fin			
Compressor	Type		Hermetically Sealed Scroll			
	Piston Displacement	cm³/rev	(43.8 x 2) x 2 + 62.1	(43.8 x 2) x 2 + 62.1	(43.8 x 2) x 2 + 62.1	(43.8 x 2) x 2 + 62.1
	Number of Revolution	rev/min	(3,600 x 2) x 2 + 3,600	(3,600 x 2) x 2 + 3,600	(3,600 x 2) x 2 + 3,600	(3,600 x 2) x 2 + 3,600
	Motor Output x Number	W x No.	(4,200 x 2) x 2 + 6,800	(4,200 x 2) x 2 + 6,800	(4,200 x 2) x 2 + 6,800	(4,200 x 2) x 2 + 6,800
	Starting Method		Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	(600 x 2) x 2 + 750	(600 x 2) x 2 + 750	(600 x 2) x 2 + 750	(600 x 2) x 3
	Air Flow Rate	m³/min	290 x 2 + 210	290 x 2 + 210	290 x 2 + 210	290 x 3
		ft3/min	10,241 x 2 + 7,416	10,241 x 2 + 7,416	10,241 x 2 + 7,416	10,241 x 3
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,680 × 760) × 2 + (920 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 2 + (920 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 2 + (920 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 3
		inch	(48-13/16 × 66-5/32 × 29-29/32) x 2 + (36-7/32 × 66-5/32 × 29-29/32) × 1	(48-13/16 × 66-5/32 × 29-29/32) x 2 + (36-7/32 × 66-5/32 × 29-29/32) × 1	(48-13/16 × 66-5/32 × 29-29/32) x 2 + (36-7/32 × 66-5/32 × 29-29/32) × 1	(48-13/16 × 66-5/32 × 29-29/32) x 3
Net Weight		kg	280 × 1 + 270 × 1 + 201 × 1	280 × 2 + 201 × 1	280 × 2 + 201 × 1	280 × 2 + 235 × 1
		lbs	617 × 1 + 595 × 1 + 443 × 1	617 × 2 + 443 × 1	617 × 2 + 443 × 1	617 × 2 + 443 × 1
Sound Pressure Level	Cooling	dB(A)	64.1	64.1	64.1	64.1
	Heating	dB(A)	64.1	64.1	64.1	64.1
Sound Power Level		dB(A)	84.1	84.1	84.1	84.1
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch			
	Compersor/ Fan	-	Over-heat protection / Fan driver overload protector			
	Inverter	-	Over-heat protection / Over-current protection			
Communication Cable		No.xmm² (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Precharged Amount	kg	8.5	10.0	6.5 × 2	(10.0 × 2) + 8.5
		lbs	18.7	22.0	14.3 × 2	(22.0 × 2) + 18.7
	Control		Electronic Expansion Valve			
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60

Notes:
1. Capacities are based on the following conditions:
   - Cooling Temperature : Indoor 27°C(80.6°F) DB / 19°C(66.2°F) WB
     Outdoor 35°C(95°F) DB / 24°C(75.2°F) WB
   - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB
     Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
   - Piping Length : Interconnected Pipe Length = 7.5m
   - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
2. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
3. Wiring cable size must comply with the applicable local and national codes.
4. Due to our policy of innovation some specifications may be changed without notification.
5. Sound Level Values can be increased owing to ambient conditions during operation.
6. Power factor could vary less than ±1% according to the operating conditions.

Heat Pump / 3Ø 380V

HP				56	58	60	62
Model Name	Combination Unit			ARUN560LTR4	ARUN580LTR4	ARUN600LTR4	ARUN620LTR4
	Independent Unit			ARUN200LTR4	ARUN200LTR4	ARUN200LTR4	ARUN180LTR4
				ARUN200LTR4	ARUN200LTR4	ARUN200LTR4	ARUN160LTR4
				ARUN160LTR4	ARUN180LTR4	ARUN200LTR4	ARUN140LTR4
							ARUN140LTR4
Capacity (Rated)	Cooling		kW	156.8	162.4	168.0	173.6
			kcal/h	134,900	139,700	144,600	149,200
			Btu/h	535,100	554,200	573,300	592,500
	Heating		kW	176.4	182.7	189.0	195.3
			kcal/h	151,600	157,200	162,600	167,900
			Btu/h	602,000	623,500	645,000	666,500
Input (Rated)	Cooling		kW	36.66	35.78	37.62	41.12
	Heating		kW	41.77	41.27	43.56	45.68
Power Factor	Rated		-	0.93	0.93	0.93	0.93
Casing Color				Morning Gray			
Heat Exchanger				Ocean Black Fin			
Compressor	Type			Hermetically Sealed Scroll			
	Piston Displacement		cm³/rev	(43.8 x 2) x 2 + 62.1	(43.8 x 2) x 3	(43.8 x 2) x 3	(43.8 x 2) + 62.1 x 3
	Number of Revolution		rev/min	(3,600 x 2) x 2 + 3,600	(3,600 x 2) x 3	(3,600 x 2) x 3	(3,600 x 2) + 3,600 x 3
	Motor Output x Number		W x No.	(4,200 x 2) x 2 + 6,800	(4,200 x 2) x 3	(4,200 x 2) x 3	(4,200 x 2) + 6,800 x 3
	Starting Method			Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type			FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type			Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number		W	(600 x 2) x 3	(600 x 2) x 3	(600 x 2) x 3	(600 x 2) x 4
	Air Flow Rate		m³/min	290 x 3	290 x 3	290 x 3	290 x 4
			ft3/min	10,241 x 3	10,241 x 3	10,241 x 3	10,241 x 4
	Drive			DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge		Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid		mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	22.2(7/8)
	Gas		mm(inch)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	44.5(1-3/4)
Dimensions(W x H x D)			mm	(1,240 × 1,680 × 760) × 3	(1,240 × 1,680 × 760) × 3	(1,240 × 1,680 × 760) × 3	(1,240 × 1,680 × 760) × 4
			inch	48-13/16 × 66-5/32 × 29-29/32) × 3	(48-13/16 × 66-5/32 × 29-29/32) × 3	48-13/16 × 66-5/32 × 29-29/32) × 3	(48-13/16 × 66-5/32 × 29-29/32) × 4
Net Weight			kg	280 × 2 + 235 × 1	280 × 2 + 270 × 1	280 × 3	270 × 1 + 235 × 3
			lbs	617 × 2 + 518 × 1	617 × 2 + 595 × 1	617 × 3	595 × 1 + 518 × 3
Sound Pressure Level	Cooling		dB(A)	64.1	64.3	64.3	65.2
	Heating		dB(A)	64.1	64.3	64.3	65.2
Sound Power Level			dB(A)	84.1	84.3	84.3	85.2
Protection Devices	High pressure protection		-	High pressure sensor / High pressure switch			
	Compersor/ Fan		-	Over-heat protection / Fan driver overload protector			
	Inverter		-	Over-heat protection / Over-current protection			
Communication Cable			No.xmm² (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name			R410A	R410A	R410A	R410A
	Precharged Amount		kg	(10.0 × 2) + 8.5	(10.0 × 2) + 8.5	10.0 × 3	8.5 × 4
			lbs	(22.0 × 2) + 18.7	(22.0 × 2) + 18.7	22.0 × 3	18.7 × 4
	Control			Electronic Expansion Valve			
Power Supply			V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
				380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60

Notes:
1. Capacities are based on the following conditions:
   - Cooling Temperature : Indoor 27°C(80.6°F) DB / 19°C(66.2°F) WB
     Outdoor 35°C(95°F) DB / 24°C(75.2°F) WB
   - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB
     Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
   - Piping Length : Interconnected Pipe Length = 7.5m
   - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
2. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
3. Wiring cable size must comply with the applicable local and national codes.
4. Due to our policy of innovation some specifications may be changed without notification.
5. Sound Level Values can be increased owing to ambient conditions during operation.
6. Power factor could vary less than ±1% according to the operating conditions.

Heat Pump / 3Ø 380V

HP				64	66	68	70
Model Name	Combination Unit			ARUN640LTR4	ARUN660LTR4	ARUN680LTR4	ARUN700LTR4
	Independent Unit			ARUN180LTR4	ARUN180LTR4	ARUN200LTR4	ARUN200LTR4
				ARUN180LTR4	ARUN180LTR4	ARUN200LTR4	ARUN200LTR4
				ARUN140LTR4	ARUN160LTR4	ARUN140LTR4	ARUN160LTR4
				ARUN140LTR4	ARUN140LTR4	ARUN140LTR4	ARUN140LTR4
Capacity (Rated)	Cooling		kW	179.2	184.8	190.4	196.0
			kcal/h	154,000	158,800	163,800	168,600
			Btu/h	611,600	630,700	649,800	668,900
	Heating		kW	201.6	207.9	214.2	220.5
			kcal/h	173,400	178,800	184,200	189,600
			Btu/h	688,000	709,500	731,000	752,500
Input (Rated)	Cooling		kW	40.24	42.40	43.92	46.08
	Heating		kW	45.18	47.55	49.76	52.13
Power Factor	Rated		-	0.93	0.93	0.93	0.93
Casing Color				Morning Gray			
Heat Exchanger				Ocean Black Fin			
Compressor	Type			Hermetically Sealed Scroll			
	Piston Displacement		cm³/rev	(43.8 x 2) x 2 + 62.1 x 2	(43.8 x 2) x 2 + 62.1 x 2	(43.8 x 2) x 2 + 62.1 x 2	(43.8 x 2) x 2 + 62.1 x 2
	Number of Revolution		rev/min	(3,600 x 2) x 2 + 3,600 x 2	(3,600 x 2) x 2 + 3,600 x 2	(3,600 x 2) x 2 + 3,600 x 2	(3,600 x 2) x 2 + 3,600 x 2
	Motor Output x Number		W x No.	(4,200 x 2) x 2 + 6,800 x 2	(4,200 x 2) x 2 + 6,800 x 2	(4,200 x 2) x 2 + 6,800 x 2	(4,200 x 2) x 2 + 6,800 x 2
	Starting Method			Direct On Line	Direct On Line	Direct On Line	Direct On Line
	Oil Type			FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type			Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number		W	(600 x 2) x 4	(600 x 2) x 4	(600 x 2) x 4	(600 x 2) x 4
	Air Flow Rate		m³/min	290 x 4	290 x 4	290 x 4	290 x 4
			ft3/min	10,241 x 4	10,241 x 4	10,241 x 4	10,241 x 4
	Drive			DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge		Side / Top	TOP	TOP	TOP	TOP
Piping Connections	Liquid		mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Gas		mm(inch)	44.5(1-3/4)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)			mm	(1,240 × 1,680 × 760) × 4	(1,240 × 1,680 × 760) × 4	(1,240 × 1,680 × 760) × 4	(1,240 × 1,680 × 760) × 4
			inch	(48-13/16 × 66-5/ 32 × 29-29/32) × 4	(48-13/16 × 66-5/ 32 × 29-29/32) × 4	(48-13/16 × 66-5/ 32 × 29-29/32) × 4	(48-13/16 × 66-5/ 32 × 29-29/32) × 4
Net Weight			kg	270 × 2 + 235 × 2	270 × 2 + 235 × 2	280 × 2 + 235 × 2	280 × 2 + 235 × 2
			lbs	595 × 2 + 518 × 2	595 × 2 + 518 × 2	617 × 2 + 518 × 2	617 × 2 + 518 × 2
Sound Pressure Level	Cooling		dB(A)	65.3	65.3	65.3	65.3
	Heating		dB(A)	65.3	65.3	65.3	65.3
Sound Power Level			dB(A)	85.3	85.3	85.3	85.3
Protection Devices	High pressure protection		-	High pressure sensor / High pressure switch			
	Compersor/ Fan		-	Over-heat protection / Fan driver overload protector			
	Inverter		-	Over-heat protection / Over-current protection			
Communication Cable			No.xmm² (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name			R410A	R410A	R410A	R410A
	Precharged Amount		kg	8.5 x 4	8.5 x 4	(10.0 × 2) + (8.5 × 2)	(10.0 × 2) + (8.5 × 2)
			lbs	18.7 x 4	18.7 x 4	(22.0 × 2) + (18.7 × 2)	(22.0 × 2) + (18.7 × 2)
	Control			Electronic Expansion Valve			
Power Supply			V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
				380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60

Notes:
1. Capacities are based on the following conditions:
   - Cooling Temperature : Indoor 27°C(80.6°F) DB / 19°C(66.2°F) WB
     Outdoor 35°C(95°F) DB / 24°C(75.2°F) WB
   - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB
     Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
   - Piping Length : Interconnected Pipe Length = 7.5m
   - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
2. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
3. Wiring cable size must comply with the applicable local and national codes.
4. Due to our policy of innovation some specifications may be changed without notification.
5. Sound Level Values can be increased owing to ambient conditions during operation.
6. Power factor could vary less than ±1% according to the operating conditions.

Heat Pump / 3Ø 380V

HP			72	74	76
Model Name	Combination Unit		ARUN720LTR4	ARUN740LTR4	ARUN760LTR4
	Independent Unit		ARUN200LTR4	ARUN200LTR4	ARUN200LTR4
			ARUN200LTR4	ARUN200LTR4	ARUN200LTR4
			ARUN180LTR4	ARUN180LTR4	ARUN180LTR4
			ARUN140LTR4	ARUN160LTR4	ARUN180LTR4
Capacity (Rated)	Cooling	kW	201.6	207.2	212.8
		kcal/h	173,400	178,200	183,000
		Btu/h	688,000	707,100	726,200
	Heating	kW	226.8	233.1	239.4
		kcal/h	195,100	200,500	206,000
		Btu/h	774,000	795,500	817,000
Input (Rated)	Cooling	kW	45.20	47.36	46.48
	Heating	kW	51.63	54.00	53.50
Power Factor	Rated	-	0.93	0.93	0.93
Casing Color			Morning Gray		
Heat Exchanger			Ocean Black Fin		
Compressor	Type		Hermetically Sealed Scroll		
	Piston Displacement	cm³/rev	(43.8 x 2) x 3 + 62.1	(43.8 x 2) x 3 + 62.1	(43.8 x 2) x 4
	Number of Revolution	rev/min	(3,600 x 2) x 3 + 3,600	(3,600 x 2) x 3 + 3,600	(3,600 x 2) x 4
	Motor Output x Number	W x No.	(4,200 x 2) x 3 + 6,800	(4,200 x 2) x 3 + 6,800	(4,200 x 2) x 4
	Starting Method		Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	(600 x 2) x 4	(600 x 2) x 4	(600 x 2) x 4
	Air Flow Rate	m³/min	290 x 4	290 x 4	290 x 4
		ft3/min	10,241 x 4	10,241 x 4	10,241 x 4
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Piping Connections	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,680 × 760) × 4	(1,240 × 1,680 × 760) × 4	(1,240 × 1,680 × 760) × 4
		inch	(48-13/16 × 66-5/ 32 × 29-29/32) × 4	(48-13/16 × 66-5/ 32 × 29-29/32) × 4	(48-13/16 × 66-5/ 32 × 29-29/32) × 4
Net Weight		kg	280 × 2 + 270 × 1 + 235 × 1	280 × 2 + 270 × 1 + 235 × 1	280 × 2 + 270 × 2
		lbs	617 × 2 + 595 × 1 + 518 × 1	617 × 2 + 595 × 1 + 518 × 1	617 × 2 + 595 × 2
Sound Pressure Level	Cooling	dB(A)	65.4	65.4	65.5
	Heating	dB(A)	65.4	65.4	65.5
Sound Power Level		dB(A)	85.4	85.4	85.5
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch		
	Comperssor/ Fan	-	Over-heat protection / Fan driver overload protector		
	Inverter	-	Over-heat protection / Over-current protection		
Communication Cable		No.xmm² (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A
	Precharged Amount	kg	(10.0 × 2) + (8.5 × 2)	(10.0 × 2) + (8.5 × 2)	(10.0 × 2) + (8.5 × 2)
		lbs	(22.0 × 2) + (18.7 × 2)	(22 .0× 2) + (18.7 × 2)	(22 .0× 2) + (18.7 × 2)
	Control		Electronic Expansion Valve		
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60

Notes:

1. Capacities are based on the following conditions:
   - Cooling Temperature : Indoor 27°C(80.6°F) DB / 19°C(66.2°F) WB
     Outdoor 35°C(95°F) DB / 24°C(75.2°F) WB
   - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB
     Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
   - Piping Length : Interconnected Pipe Length = 7.5m
   - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
2. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
3. Wiring cable size must comply with the applicable local and national codes.
4. Due to our policy of innovation some specifications may be changed without notification.
5. Sound Level Values can be increased owing to ambient conditions during operation.
6. Power factor could vary less than ±1% according to the operating conditions.

Heat Pump / 3Ø 380V

HP			78	80
Model Name	Combination Unit		ARUN780LTR4	ARUN800LTR4
	Independent Unit		ARUN200LTR4	ARUN200LTR4
			ARUN200LTR4	ARUN200LTR4
			ARUN200LTR4	ARUN200LTR4
			ARUN180LTR4	ARUN200LTR4
Capacity (Rated)	Cooling	kW	218.4	224.0
		kcal/h	187,900	192,800
		Btu/h	745,300	764,400
	Heating	kW	245.7	252.0
		kcal/h	211,400	216,800
		Btu/h	838,500	860,000
Input (Rated)	Cooling	kW	48.32	50.16
	Heating	kW	55.79	58.08
Power Factor	Rated	-	0.93	0.93
Casing Color			Morning Gray	
Heat Exchanger			Ocean Black Fin	
Compressor	Type		Hermetically Sealed Scroll	
	Piston Displacement	cm³/rev	(43.8 x 2) x 4	(43.8 x 2) x 4
	Number of Revolution	rev/min	(3,600 x 2) x 4	(3,600 x 2) x 4
	Motor Output x Number	W x No.	(4,200 x 2) x 4	(4,200 x 2) x 4
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	(600 x 2) x 4	(600 x 2) x 4
	Air Flow Rate	m³/min	290 x 4	290 x 4
		ft3/min	10,241 x 4	10,241 x 4
	Drive		DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP
Piping Connections	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,680 × 760) × 4	(1,240 × 1,680 × 760) × 4
		inch	(48-13/16 × 66-5/ 32 × 29-29/32) × 4	(48-13/16 × 66-5/ 32 × 29-29/32) × 4
Net Weight		kg	280 × 3 + 270 × 1	280 × 4
		lbs	617 × 3 + 595 × 1	617 × 4
Sound Pressure Level	Cooling	dB(A)	65.5	65.5
	Heating	dB(A)	65.5	65.5
Sound Power Level		dB(A)	85.5	85.5
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	
	Comperssor/ Fan	-	Over-heat protection / Fan driver overload protector	
	Inverter	-	Over-heat protection / Over-current protection	
Communication Cable		No.xmm² (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	(10.0 × 3) + (8.5 × 1)	10.0 × 4
		lbs	(22.0 × 3) + (18.7 × 1)	22.0 × 4
	Control		Electronic Expansion Valve	
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60

Notes:

1. Capacities are based on the following conditions:
   - Cooling Temperature : Indoor 27°C(80.6°F) DB / 19°C(66.2°F) WB
     Outdoor 35°C(95°F) DB / 24°C(75.2°F) WB
   - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB
     Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
   - Piping Length : Interconnected Pipe Length = 7.5m
   - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
2. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
3. Wiring cable size must comply with the applicable local and national codes.
4. Due to our policy of innovation some specifications may be changed without notification.
5. Sound Level Values can be increased owing to ambient conditions during operation.
6. Power factor could vary less than ±1% according to the operating conditions.

Heat Pump

HP				8	10	12
Model	Combination unit			ARWN080LAS4	ARWN100LAS4	ARWN120LAS4
	Independent unit			ARWN080LAS4	ARWN100LAS4	ARWN120LAS4
Capacity	Cooling	Nom	kW	22.4	28	33.6
	Heating	Nom	kW	25.2	31.5	37.8
Power Input	Cooling	Nom	kW	3.86	5.09	6.46
	Heating	Nom	kW	4.20	5.34	6.75
EER				5.80	5.50	5.20
COP				6.00	5.90	5.60
ESEER				7.77	7.71	7.26
Operation Range	Cooling	Min-Max	°C DB	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C
	Heating	Min-Max	°C WB	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C
Compressor	Type			Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor			1	1	1
Sound Pressure (Cooling)		Nom	dBA	47	50	56
Sound Pressure (Heating)		Nom	dBA	51	53	56
Sound Power (Cooling)		Nom	dBA	59	62	68
Sound Power (Heating)		Nom	dBA	63	65	68
Dimensions		WxHxD	mm	755 × 997 × 500	755 × 997 × 500	755 × 997 × 500
Net Weight			kg	127 x 1	127 x 1	127 x 1
Refrigerant	Type			R410A	R410A	R410A
	Charge		kg	5.8	5.8	5.8
	Control			EEV	EEV	EEV
Refrigerant Oil	Type			FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Control		cc	1,200	1,200	1,200
Power Supply			ø/V/Hz	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50
Transmission Cable (VCTF-SB)			No. x mm²	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C
Piping Length	Total	Max	m	300(500)	300(500)	300(500)
	Actual Longest Piping Length	Max	m	150(200)	150(200)	150(200)
	After 1st Y branch	Max	m	40(90)	40(90)	40(90)
Piping Level Difference	IDU-ODU	Max	m	50	50	50
	IDU-IDU	Max	m	40	40	40
Piping Connection	Liquid		mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)
	Gas		mm(inch)	22.2(7/8)	22.2(7/8)	25.4(1)
Number of Outdoor Units				1	1	1
Number of Connectable Indoor Units		Max		13(20)	16(25)	20(30)
Ratio of the Connectable Indoor Units		Min-Max		50 ~ 200%	50 ~ 200%	50 ~ 200%
Heat Exchanger	Type			Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Pressure Resistance	Max	kgf/cm²	45	45	45
	Nom Water Flow		L/min	77	96	116
	Head Loss		kPa	10.7	15.8	21.8
Water Connection pipe	Inlet		mm(inch)	PT 40	PT 40	PT 40
	Outlet		mm(inch)	PT 40	PT 40	PT 40
	Drain Outlet		mm	20	20	20

Note :

1. Capacities and Inputs are based on the following conditions

   Cooling : Indoor temp. 27°C (80.6°F)DB/19°C(66.2°F)WB, Water inlet temp. 30°C(86°F), Interconnecting piping length 7.5m, Level difference of zero
   Heating : Indoor temp. 20°C(68°F)DB - Water inlet temp. 20°C(68°F)

2. Capacities are net capacities
3. Due to our policy of innovation some specifications may be changed without notification
4. EEV : Electronic Expansion Valve
5. Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB.(For more information oninstallation section.)

* ( ) : Conditional application

Heat Pump

HP				14	16	18	20
Model	Combination unit			ARWN140LAS4	ARWN160LAS4	ARWN180LAS4	ARWN200LAS4
	Independent unit			ARWN140LAS4	ARWN160LAS4	ARWN180LAS4	ARWN200LAS4
Capacity	Cooling	Nom	kW	39.2	44.8	50.4	56
	Heating	Nom	kW	44.1	50.4	56.7	63
Power Input	Cooling	Nom	kW	7.84	8.15	9.69	11.2
	Heating	Nom	kW	8.17	8.54	10.13	11.67
EER				5.00	5.50	5.20	5.00
COP				5.40	5.90	5.60	5.40
ESEER				6.96	7.18	7.10	7.02
Operation Range	Cooling	Min-Max	°C DB	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C
	Heating	Min-Max	°C WB	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C
Compressor	Type			Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor			1	1	1	1
Sound Pressure (Cooling)		Nom	dBA	58	53	55	54
Sound Pressure (Heating)		Nom	dBA	57	57	56	60
Sound Power (Cooling)		Nom	dBA	70	65	67	66
Sound Power (Heating)		Nom	dBA	69	69	68	72
Dimensions		WxHxD	mm	755 × 997 × 500	755 × 997 × 500	755 × 997 × 500	755 × 997 × 500
Net Weight			kg	127 x 1	140 x 1	140 x 1	140 x 1
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		kg	5.8	3.0	3.0	3.0
	Control			EEV	EEV	EEV	EEV
Refrigerant Oil	Type			FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Control		cc	1,200	1,400	1,400	1,400
Power Supply			ø/V/Hz	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50
Transmission Cable (VCTF-SB)			No. x mm²	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C
Piping Length	Total	Max	m	300(500)	300(500)	300(500)	300(500)
	Actual Longest Piping Length	Max	m	150(200)	150(200)	150(200)	150(200)
	After 1st Y branch	Max	m	40(90)	40(90)	40(90)	40(90)
Piping Level Difference	IDU-ODU	Max	m	50	50	50	50
	IDU-IDU	Max	m	40	40	40	40
Piping Connection	Liquid		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)
	Gas		mm(inch)	25.4(1)	28.58(1-1/8)	28.58(1-1/8)	28.58(1-1/8)
Number of Outdoor Units				1	1	1	1
Number of Connectable Indoor Units		Max		23(35)	26(40)	29(45)	32(44)
Ratio of the Connectable Indoor Units		Min-Max		50 ~ 200%	50 ~ 200%	50 ~ 200%	50 ~ 200%
Heat Exchanger	Type			Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Pressure Resistance	Max	kgf/cm²	45	45	45	45
	Nom Water Flow		L/min	135	154	173	192
	Head Loss		kPa	28.6	19.4	24	30.1
Water Connection pipe	Inlet		mm(inch)	PT 40	PT 40	PT 40	PT 40
	Outlet		mm(inch)	PT 40	PT 40	PT 40	PT 40
	Drain Outlet		mm	20	20	20	20

Note :

1. Capacities and Inputs are based on the following conditions

   Cooling : Indoor temp. 27°C (80.6°F)DB/19°C(66.2°F)WB, Water inlet temp. 30°C(86°F), Interconnecting piping length 7.5m, Level difference of zero
   Heating : Indoor temp. 20°C(68°F)DB - Water inlet temp. 20°C(68°F)

2. Capacities are net capacities
3. Due to our policy of innovation some specifications may be changed without notification
4. EEV : Electronic Expansion Valve
5. Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB.(For more information oninstallation section.)

* ( ) : Conditional application

Heat Pump

HP				22	24
Model	Combination unit			ARWN220LAS4	ARWN240LAS4
	Independent unit			ARWN100LAS4	ARWN120LAS4
				ARWN120LAS4	ARWN120LAS4
Capacity	Cooling	Nom	kW	61.6	67.2
	Heating	Nom	kW	69.3	75.6
Power Input	Cooling	Nom	kW	11.55	12.92
	Heating	Nom	kW	12.09	13.5
EER				5.33	5.20
COP				5.73	5.60
ESEER				7.34	7.21
Operation Range	Cooling	Min-Max	°C DB	10°C ~ 45°C	10°C ~ 45°C
	Heating	Min-Max	°C WB	-5°C ~ 45°C	-5°C ~ 45°C
Compressor	Type			Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor			1	2
Sound Pressure (Cooling)		Nom	dBA	57	57
Sound Pressure (Heating)		Nom	dBA	57	57
Sound Power (Cooling)		Nom	dBA	70	70
Sound Power (Heating)		Nom	dBA	70	70
Dimensions		WxHxD	mm	(755 × 997 × 500) x 2	(755 × 997 × 500) x 2
Net Weight			kg	127 x 2	127 x 2
Refrigerant	Type			R410A	R410A
	Charge		kg	5.8 + 5.8	5.8 + 5.8
	Control			EEV	EEV
Refrigerant Oil	Type			FVC68D(PVE)	FVC68D(PVE)
	Control		cc	1,200 + 1,200	1,200 + 1,200
Power Supply			ø/V/Hz	3 / 380 - 415 / 50	3 / 380 - 415 / 50
Transmission Cable (VCTF-SB)			No. x mm²	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C
Piping Length	Total	Max	m	300(500)	300(500)
	Actual Longest Piping Length	Max	m	150(200)	150(200)
	After 1st Y branch	Max	m	40(90)	40(90)
Piping Level Dif-ference	IDU-ODU	Max	m	50	50
	IDU-IDU	Max	m	40	40
Piping Connection	Liquid		mm(inch)	19.05(3/4)	19.05(3/4)
	Gas		mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Number of Outdoor Units				2	2
Number of Connectable Indoor Units		Max		35(44)	39(48)
Ratio of the Connectable Indoor Units		Min-Max		50 ~ 160%	50 ~ 160%
Heat Exchanger	Type			Stainless Steel Plate	Stainless Steel Plate
	Pressure Resistance	Max	kgf/cm²	45	45
	Nom Water Flow		L/min	116 + 96	116 + 116
	Head Loss		kPa	21.8 + 15.8	21.8 + 21.8
Water Connection pipe	Inlet		mm(inch)	PT 40 + PT 40	PT 40 + PT 40
	Outlet		mm(inch)	PT 40 + PT 40	PT 40 + PT 40
	Drain Outlet		mm	20	20

Note :

1. Capacities and Inputs are based on the following conditions

   Cooling : Indoor temp. 27°C (80.6°F)DB/19°C(66.2°F)WB, Water inlet temp. 30°C(86°F), Interconnecting piping length 7.5m, Level difference of zero
   Heating : Indoor temp. 20°C(68°F)DB - Water inlet temp. 20°C(68°F)

2. Capacities are net capacities
3. Due to our policy of innovation some specifications may be changed without notification
4. EEV : Electronic Expansion Valve
5. Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB.(For more information oninstallation section.)

* ( ) : Conditional application

Heat Pump

HP				26	28
Model	Combination unit			ARWN260LAS4	ARWN280LAS4
	Independent unit			ARWN120LAS4	ARWN140LAS4
				ARWN140LAS4	ARWN140LAS4
Capacity	Cooling	Nom	kW	72.8	78.4
	Heating	Nom	kW	81.9	88.2
Power Input	Cooling	Nom	kW	14.3	15.68
	Heating	Nom	kW	14.92	16.34
EER				5.09	5.00
COP				5.49	5.40
ESEER				7.11	7.02
Operation Range	Cooling	Min-Max	°C DB	10°C ~ 45°C	10°C ~ 45°C
	Heating	Min-Max	°C WB	-5°C ~ 45°C	-5°C ~ 45°C
Compressor	Type			Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor			2	2
Sound Pressure (Cooling)		Nom	dBA	59	59
Sound Pressure (Heating)		Nom	dBA	58	58
Sound Power (Cooling)		Nom	dBA	72	72
Sound Power (Heating)		Nom	dBA	71	71
Dimensions		WxHxD	mm	(755 × 997 × 500) x 2	(755 × 997 × 500) x 2
Net Weight			kg	127 x 2	127 x 2
Refrigerant	Type			R410A	R410A
	Charge		kg	5.8 + 5.8	5.8 + 5.8
	Control			EEV	EEV
Refrigerant Oil	Type			FVC68D(PVE)	FVC68D(PVE)
	Control		cc	1,200 + 1,200	1,200 + 1,200
Power Supply			ø/V/Hz	3 / 380 - 415 / 50	3 / 380 - 415 / 50
Transmission Cable (VCTF-SB)			No. x mm²	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C
Piping Length	Total	Max	m	300(500)	300(500)
	Actual Longest Piping Length	Max	m	150(200)	150(200)
	After 1st Y branch	Max	m	40(90)	40(90)
Piping Level Dif-ference	IDU-ODU	Max	m	50	50
	IDU-IDU	Max	m	40	40
Piping Connection	Liquid		mm(inch)	19.05(3/4)	19.05(3/4)
	Gas		mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Number of Outdoor Units				2	2
Number of Connectable Indoor Units		Max		42(52)	45(56)
Ratio of the Connectable Indoor Units		Min-Max		50 ~ 160%	50 ~ 160%
Heat Exchanger	Type			Stainless Steel Plate	Stainless Steel Plate
	Pressure Resistance	Max	kgf/cm²	45	45
	Nom Water Flow		L/min	135 + 116	135 + 135
	Head Loss		kPa	28.6 + 21.8	28.6 + 28.6
Water Connection pipe	Inlet		mm(inch)	PT 40 + PT 40	PT 40 + PT 40
	Outlet		mm(inch)	PT 40 + PT 40	PT 40 + PT 40
	Drain Outlet		mm	20	20

Note :

1. Capacities and Inputs are based on the following conditions

   Cooling : Indoor temp. 27°C (80.6°F)DB/19°C(66.2°F)WB, Water inlet temp. 30°C(86°F), Interconnecting piping length 7.5m, Level difference of zero
   Heating : Indoor temp. 20°C(68°F)DB - Water inlet temp. 20°C(68°F)

2. Capacities are net capacities
3. Due to our policy of innovation some specifications may be changed without notification
4. EEV : Electronic Expansion Valve
5. Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB.(For more information oninstallation section.)

* ( ) : Conditional application

Heat Pump

HP				30	32	34
Model	Combination unit			ARWN300LAS4	ARWN320LAS4	ARWN340LAS4
	Independent unit			ARWN140LAS4	ARWN140LAS4	ARWN140LAS4
				ARWN160LAS4	ARWN180LAS4	ARWN200LAS4
Capacity	Cooling	Nom	kW	84	89.6	95.2
	Heating	Nom	kW	94.5	100.8	107.1
Power Input	Cooling	Nom	kW	15.99	17.53	19.04
	Heating	Nom	kW	16.71	18.3	19.84
EER				5.25	5.11	5.00
COP				5.66	5.51	5.40
ESEER				7.12	7.07	7.01
Operation Range	Cooling	Min-Max	°C DB	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C
	Heating	Min-Max	°C WB	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C
Compressor	Type			Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor			2	2	2
Sound Pressure (Cooling)		Nom	dBA	59	59	59
Sound Pressure (Heating)		Nom	dBA	58	58	61
Sound Power (Cooling)		Nom	dBA	72	72	72
Sound Power (Heating)		Nom	dBA	71	71	74
Dimensions		WxHxD	mm	(755 × 997 × 500) x 2	(755 × 997 × 500) x 2	(755 × 997 × 500) x 2
Net Weight			kg	(127 x 1) + (140 x 1)	(127 x 1) + (140 x 1)	(127 x 1) + (140 x 1)
Refrigerant	Type			R410A	R410A	R410A
	Charge		kg	3.0 + 5.8	3.0 + 3.0	3.0 + 5.8
	Control			EEV	EEV	EEV
Refrigerant Oil	Type			FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Control		cc	1,400 + 1,200	1,400 + 1,200	1,400 + 1,200
Power Supply			ø/V/Hz	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50
Transmission Cable (VCTF-SB)			No. x mm²	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C
Piping Length	Total	Max	m	300(500)	300(500)	300(500)
	Actual Longest Piping Length	Max	m	150(200)	150(200)	150(200)
	After 1st Y branch	Max	m	40(90)	40(90)	40(90)
Piping Level Difference	IDU-ODU	Max	m	50	50	50
	IDU-IDU	Max	m	40	40	40
Piping Connection	Liquid		mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas		mm(inch)	34.9(1-3/8)	34.9(1-3/8)	34.9(1-3/8)
Number of Outdoor Units				2	2	2
Number of Connectable Indoor Units		Max		49(60)	52(64)	55(64)
Ratio of the Connectable Indoor Units		Min-Max		50 ~ 160%	50 ~ 160%	50 ~ 160%
Heat Exchanger	Type			Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Pressure Resistance	Max	kgf/cm²	45	45	45
	Nom Water Flow		L/min	154 + 135	173 + 135	192 + 135
	Head Loss		kPa	19.4 + 28.6	24.0 + 28.6	30.1 + 28.6
Water Connection pipe	Inlet		mm(inch)	PT 40 + PT 40	PT 40 + PT 40	PT 40 + PT 40
	Outlet		mm(inch)	PT 40 + PT 40	PT 40 + PT 40	PT 40 + PT 40
	Drain Outlet		mm	20	20	20

Note :

1. Capacities and Inputs are based on the following conditions

   Cooling : Indoor temp. 27°C (80.6°F)DB/19°C(66.2°F)WB, Water inlet temp. 30°C(86°F), Interconnecting piping length 7.5m, Level difference of zero
   Heating : Indoor temp. 20°C(68°F)DB - Water inlet temp. 20°C(68°F)

2. Capacities are net capacities
3. Due to our policy of innovation some specifications may be changed without notification
4. EEV : Electronic Expansion Valve
5. Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB.(For more information oninstallation section.)

* ( ) : Conditional application

Heat Pump

HP				36	38	40
Model	Combination unit			ARWN360LAS4	ARWN380LAS4	ARWN400LAS4
	Independent unit			ARWN180LAS4	ARWN180LAS4	ARWN200LAS4
				ARWN180LAS4	ARWN200LAS4	ARWN200LAS4
Capacity	Cooling	Nom	kW	100.8	106.4	112
	Heating	Nom	kW	113.4	119.7	126
Power Input	Cooling	Nom	kW	19.38	20.89	22.4
	Heating	Nom	kW	20.26	21.8	23.34
EER				5.20	5.09	5.00
COP				5.60	5.49	5.40
ESEER				7.11	7.06	7.01
Operation Range	Cooling	Min-Max	°C DB	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C
	Heating	Min-Max	°C WB	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C
Compressor	Type			Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor			2	2	2
Sound Pressure (Cooling)		Nom	dBA	56	56	55
Sound Pressure (Heating)		Nom	dBA	57	61	61
Sound Power (Cooling)		Nom	dBA	69	69	68
Sound Power (Heating)		Nom	dBA	70	74	74
Dimensions		WxHxD	mm	(755 × 997 × 500) x 2	(755 × 997 × 500) x 2	(755 × 997 × 500) x 2
Net Weight			kg	140 x 2	140 x 2	140 x 2
Refrigerant	Type			R410A	R410A	R410A
	Charge		kg	3.0 + 3.0	3.0 + 3.0	3.0 + 3.0
	Control			EEV	EEV	EEV
Refrigerant Oil	Type			FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Control		cc	1,400 + 1,400	1,400 + 1,400	1,400 + 1,400
Power Supply			ø/V/Hz	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50
Transmission Cable (VCTF-SB)			No. x mm²	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C
Piping Length	Total	Max	m	300(500)	300(500)	300(500)
	Actual Longest Piping Length	Max	m	150(200)	150(200)	150(200)
	After 1st Y branch	Max	m	40(90)	40(90)	40(90)
Piping Level Difference	IDU-ODU	Max	m	50	50	50
	IDU-IDU	Max	m	40	40	40
Piping Connection	Liquid		mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas		mm(inch)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)
Number of Outdoor Units				2	2	2
Number of Connectable Indoor Units		Max		58(64)	61(64)	64
Ratio of the Connectable Indoor Units		Min-Max		50 ~ 160%	50 ~ 160%	50 ~ 160%
Heat Exchanger	Type			Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Pressure Resistance	Max	kgf/cm²	45	45	45
	Nom Water Flow		L/min	173 + 173	192 + 173	192 + 192
	Head Loss		kPa	24.0 + 24.0	30.1 + 24.0	30.1 + 30.1
Water Connection pipe	Inlet		mm(inch)	PT 40 + PT 40	PT 40 + PT 40	PT 40 + PT 40
	Outlet		mm(inch)	PT 40 + PT 40	PT 40 + PT 40	PT 40 + PT 40
	Drain Outlet		mm	20	20	20

Note :

1. Capacities and Inputs are based on the following conditions

   Cooling : Indoor temp. 27°C (80.6°F)DB/19°C(66.2°F)WB, Water inlet temp. 30°C(86°F), Interconnecting piping length 7.5m, Level difference of zero
   Heating : Indoor temp. 20°C(68°F)DB - Water inlet temp. 20°C(68°F)

2. Capacities are net capacities
3. Due to our policy of innovation some specifications may be changed without notification
4. EEV : Electronic Expansion Valve
5. Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB.(For more information oninstallation section.)

* ( ) : Conditional application

Heat Pump

HP					42	44	46	48	50
Model	Combination unit				ARWN420LAS4	ARWN440LAS4	ARWN460LAS4	ARWN480LAS4	ARWN500LAS4
	Independent unit				ARWN100LAS4	ARWN120LAS4	ARWN120LAS4	ARWN140LAS4	ARWN140LAS4
					ARWN120LAS4	ARWN120LAS4	ARWN140LAS4	ARWN140LAS4	ARWN160LAS4
					ARWN200LAS4	ARWN200LAS4	ARWN200LAS4	ARWN200LAS4	ARWN200LAS4
Capacity	Cooling	Nom	kW		117.6	123.2	128.8	134.4	140
	Heating	Nom	kW		132.3	138.6	144.9	151.2	157.5
Power Input	Cooling	Nom	kW		22.75	24.12	25.5	26.88	27.19
	Heating	Nom	kW		23.76	25.17	26.59	28.01	28.38
EER					5.17	5.11	5.05	5.00	5.15
COP					5.57	5.51	5.45	5.40	5.55
ESEER					7.18	7.12	7.06	7.01	7.07
Operation Range	Cooling	Min-Max	°C DB		10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C
	Heating	Min-Max	°C WB		-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C
Compressor	Type				Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor				3	3	3	3	3
Sound Pressure (Cooling)		Nom	dBA		58	58	60	60	60
Sound Pressure (Heating)		Nom	dBA		62	62	62	62	62
Sound Power (Cooling)		Nom	dBA		72	72	74	74	74
Sound Power (Heating)		Nom	dBA		76	76	76	76	76
Dimensions		WxHxD	mm		(755 × 997 × 500) x 3	(755 × 997 × 500) x 3	(755 × 997 × 500) x 3	(755 × 997 × 500) x 3	(755 × 997 × 500) x 3
Net Weight			kg		(140 x 1) + (127 X 2)	(140 x 1) + (127 X 2)	(140 x 1) + (127 X 2)	(140 x 1) + (127 X 2)	(140 x 2) + (127 X 1)
Refrigerant	Type				R410A	R410A	R410A	R410A	R410A
	Charge		kg		3.0 + 5.8 + 5.8	3.0 + 5.8 + 5.8	3.0 + 5.8 + 5.8	3.0 + 5.8 + 5.8	3.0 + 3.0 + 5.8
	Control				EEV	EEV	EEV	EEV	EEV
Refrigerant Oil	Type				FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Control		cc		1,400 + 1,200 + 1,200	1,400 + 1,200 + 1,200	1,400 + 1,200 + 1,200	1,400 + 1,200 + 1,200	1,400 + 1,400 + 1,200
Power Supply			ø/V/Hz		3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50
Transmission Cable (VCTF-SB)			No. x mm²		1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C
Piping Length	Total	Max	m		300(500)	300(500)	300(500)	300(500)	300(500)
	Actual Longest Piping Length	Max	m		150(200)	150(200)	150(200)	150(200)	150(200)
	After 1st Y branch	Max	m		40(90)	40(90)	40(90)	40(90)	40(90)
Piping Level Dif-ference	IDU-ODU	Max	m		50	50	50	50	50
	IDU-IDU	Max	m		40	40	40	40	40
Piping Connection	Liquid		mm(inch)		19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas		mm(inch)		41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)
Number of Outdoor Units					3	3	3	3	3
Number of Connectable Indoor Units		Max			64	64	64	64	64
Ratio of the Connectable Indoor Units		Min-Max			50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%
Heat Exchanger	Type				Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Pressure Resistance	Max	kgf/cm²		45	45	45	45	45
	Nom Water Flow		L/min		192 + 116 + 96	192 + 116 + 116	192 + 135 + 116	192 + 135 + 135	192 + 154 + 135
	Head Loss		kPa		30.1 + 21.8 + 15.8	30.1 + 21.8 + 21.8	30.1 + 28.6 + 21.8	30.1 + 28.6 + 28.6	30.1 + 19.4 + 28.6
Water Connection pipe	Inlet		mm(inch)		PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40
	Outlet		mm(inch)		PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40
	Drain Outlet		mm		20	20	20	20	20

Note :

1. Capacities and Inputs are based on the following conditions

   Cooling : Indoor temp. 27°C (80.6°F)DB/19°C(66.2°F)WB, Water inlet temp. 30°C(86°F), Interconnecting piping length 7.5m, Level difference of zero
   Heating : Indoor temp. 20°C(68°F)DB - Water inlet temp. 20°C(68°F)

2. Capacities are net capacities
3. Due to our policy of innovation some specifications may be changed without notification
4. EEV : Electronic Expansion Valve
5. Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB.(For more information oninstallation section.)

* ( ) : Conditional application

Heat Pump

HP					52	54	56	58	60
Model	Combination unit				ARWN520LAS4	ARWN540LAS4	ARWN560LAS4	ARWN580LAS4	ARWN600LAS4
	Independent unit				ARWN140LAS4	ARWN140LAS4	ARWN180LAS4	ARWN180LAS4	ARWN200LAS4
					ARWN180LAS4	ARWN200LAS4	ARWN180LAS4	ARWN200LAS4	ARWN200LAS4
					ARWN200LAS4	ARWN200LAS4	ARWN200LAS4	ARWN200LAS4	ARWN200LAS4
Capacity	Cooling	Nom	kW		145.6	151.2	156.8	162.4	168
	Heating	Nom	kW		163.8	170.1	176.4	182.7	189
Power Input	Cooling	Nom	kW		28.73	30.24	30.58	32.09	33.6
	Heating	Nom	kW		29.97	31.51	31.93	33.47	35.01
EER					5.07	5.00	5.13	5.06	5.00
COP					5.47	5.40	5.52	5.46	5.40
ESEER					7.04	7.01	7.07	7.04	7.01
Operation Range	Cooling	Min-Max	°C DB		10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C
	Heating	Min-Max	°C WB		-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C
Compressor	Type				Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor				3	3	3	3	3
Sound Pressure (Cooling)		Nom	dBA		60	60	57	57	56
Sound Pressure (Heating)		Nom	dBA		62	62	62	62	62
Sound Power (Cooling)		Nom	dBA		74	74	71	71	70
Sound Power (Heating)		Nom	dBA		76	76	76	76	76
Dimensions		WxHxD	mm		(755 × 997 × 500) x 3	(755 × 997 × 500) x 3	(755 × 997 × 500) x 3	(755 × 997 × 500) x 3	(755 × 997 × 500) x 3
Net Weight			kg		(140 x 2) + (127 X 1)	(140 x 2) + (127 X 1)	140 x 3	140 x 3	140 x 3
Refrigerant	Type				R410A	R410A	R410A	R410A	R410A
	Charge		kg		3.0 + 3.0 + 5.8	3.0 + 3.0 + 5.8	3.0 + 3.0 + 3.0	3.0 + 3.0 + 3.0	3.0 + 3.0 + 3.0
	Control				EEV	EEV	EEV	EEV	EEV
Refrigerant Oil	Type				FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Control		cc		1,400 + 1,400 + 1,200	1,400 + 1,400 + 1,200	1,400 + 1,400 + 1,400	1,400 + 1,400 + 1,400	1,400 + 1,400 + 1,400
Power Supply			ø/V/Hz		3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50
Transmission Cable (VCTF-SB)			No. x mm²		1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C
Piping Length	Total	Max	m		300(500)	300(500)	300(500)	300(500)	300(500)
	Actual Longest Piping Length	Max	m		150(200)	150(200)	150(200)	150(200)	150(200)
	After 1st Y branch	Max	m		40(90)	40(90)	40(90)	40(90)	40(90)
Piping Level Dif-ference	IDU-ODU	Max	m		50	50	50	50	50
	IDU-IDU	Max	m		40	40	40	40	40
Piping Connection	Liquid		mm(inch)		19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas		mm(inch)		41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)
Number of Outdoor Units					3	3	3	3	3
Number of Connectable Indoor Units		Max			64	64	64	64	64
Ratio of the Connectable Indoor Units		Min-Max			50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%
Heat Exchanger	Type				Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Pressure Resistance	Max	kgf/cm²		45	45	45	45	45
	Nom Water Flow		L/min		192 + 173 + 135	192 + 192 + 135	192 + 173 + 173	192 + 192+ 173	192 + 192+ 192
	Head Loss		kPa		30.1 + 24.0 + 28.6	30.1 + 28.6 + 28.6	30.1 + 24.0 + 24.0	30.1 + 30.1 + 24.0	30.1 + 30.1 + 30.1
Water Connection pipe	Inlet		mm(inch)		PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40
	Outlet		mm(inch)		PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40
	Drain Outlet		mm		20	20	20	20	20

Note :

1. Capacities and Inputs are based on the following conditions

   Cooling : Indoor temp. 27°C (80.6°F)DB/19°C(66.2°F)WB, Water inlet temp. 30°C(86°F), Interconnecting piping length 7.5m, Level difference of zero
   Heating : Indoor temp. 20°C(68°F)DB - Water inlet temp. 20°C(68°F)

2. Capacities are net capacities
3. Due to our policy of innovation some specifications may be changed without notification
4. EEV : Electronic Expansion Valve
5. Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB.(For more information oninstallation section.)

* ( ) : Conditional application

Heat Pump

HP					62	64	66	68	70
Model	Combination unit				ARWN620LAS4	ARWN640LAS4	ARWN660LAS4	ARWN680LAS4	ARWN700LAS4
	Independent unit				ARWN100LAS4	ARWN120LAS4	ARWN120LAS4	ARWN140LAS4	ARWN140LAS4
					ARWN120LAS4	ARWN120LAS4	ARWN140LAS4	ARWN140LAS4	ARWN160LAS4
					ARWN200LAS4	ARWN200LAS4	ARWN200LAS4	ARWN200LAS4	ARWN200LAS4
					ARWN200LAS4	ARWN200LAS4	ARWN200LAS4	ARWN200LAS4	ARWN200LAS4
Capacity	Cooling	Nom		kW	173.6	179.2	184.8	190.4	196
	Heating	Nom		kW	195.3	201.6	207.9	214.2	220.5
Power Input	Cooling	Nom		kW	33.95	35.32	36.7	38.08	38.39
	Heating	Nom		kW	35.43	36.84	38.26	39.68	40.05
EER					5.11	5.07	5.04	5.00	5.11
COP					5.51	5.47	5.43	5.40	5.51
ESEER					7.12	7.08	7.04	7.01	7.05
Operation Range	Cooling	Min-Max		°C DB	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C
	Heating	Min-Max		°C WB	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C
Compressor	Type				Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor				4	4	4	4	4
Sound Pressure (Cooling)		Nom		dBA	59	59	61	61	61
Sound Pressure (Heating)		Nom		dBA	63	63	63	63	63
Sound Power (Cooling)		Nom		dBA	73	73	75	75	75
Sound Power (Heating)		Nom		dBA	77	77	77	77	77
Dimensions		WxHxD		mm	(755 x 997 x 500) x 4	(755 x 997 x 500) x 4	(755 x 997 x 500) x 4	(755 x 997 x 500) x 4	(755 x 997 x 500) x 4
Net Weight				kg	(140 x 2) + (127 x 2)	(140 x 2) + (127 x 2)	(140 x 2) + (127 x 2)	(140 x 2) + (127 x 2)	(140 x 3) + (127 x 1)
Refrigerant	Type				R410A	R410A	R410A	R410A	R410A
	Charge			kg	3.0 + 3.0 + 5.8 + 5.8	3.0 + 3.0 + 5.8 + 5.8	3.0 + 3.0 + 5.8 + 5.8	3.0 + 3.0 + 5.8 + 5.8	3.0 + 3.0 + 3.0 + 5.8
	Control				EEV	EEV	EEV	EEV	EEV
Refrigerant Oil	Type				FVC68D(PVE)	FVC69D(PVE)	FVC70D(PVE)	FVC71D(PVE)	FVC72D(PVE)
	Control			cc	1,400 + 1,400 + 1,200 + 1,200	1,400 + 1,400 + 1,200 + 1,200	1,400 + 1,400 + 1,200 + 1,200	1,400 + 1,400 + 1,200 + 1,200	1,400 + 1,400 + 1,400 + 1,200
Power Supply				ø/V/Hz	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50
Transmission Cable (VCTF-SB)				No. x mm²	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C
Piping Length	Total		Max	m	300(500)	300(500)	300(500)	300(500)	300(500)
	Actual Longest Piping Length		Max	m	150(200)	150(200)	150(200)	150(200)	150(200)
	After 1st Y branch		Max	m	40(90)	40(90)	40(90)	40(90)	40(90)
Piping Level Difference	IDU-ODU		Max	m	50	50	50	50	50
	IDU-IDU		Max	m	40	40	40	40	40
Piping Connection	Liquid			mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Gas			mm(inch)	44.5(1-3/4)	44.5(1-3/4)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)
Number of Outdoor Units					4	4	4	4	4
Number of Connectable Indoor Units		Max			64	64	64	64	64
Ratio of the Connectable Indoor Units		Min-Max			50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%
Heat Exchanger	Type				Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Pressure Resistance		Max	kgf/cm²	45	45	45	45	45
	Nom Water Flow			L/min	192 + 192 + 116 + 96	192 + 192 + 116 + 116	192 + 192 + 135 + 116	192 + 192 + 135 + 135	192 + 192 + 154 + 135
	Head Loss			kPa	30.1+30.1+21.8+15.8	30.1+30.1+21.8+21.8	30.1+30.1+28.6+21.8	30.1+30.1+28.6+28.6	30.1+30.1+19.4+28.6
Water Connection pipe	Inlet			mm(inch)	PT 40 + PT 40 + PT 40 + PT40	PT 40 + PT 40 + PT 40 + PT40	PT 40 + PT 40 + PT 40 + PT40	PT 40 + PT 40 + PT 40 + PT40	PT 40 + PT 40 + PT 40 + PT40
	Outlet			mm(inch)	PT 40 + PT 40 + PT 40 + PT40	PT 40 + PT 40 + PT 40 + PT40	PT 40 + PT 40 + PT 40 + PT40	PT 40 + PT 40 + PT 40 + PT40	PT 40 + PT 40 + PT 40 + PT40
	Drain Outlet			mm	20	20	20	20	20

Note :

1. Capacities and Inputs are based on the following conditions

   Cooling : Indoor temp. 27°C (80.6°F)DB/19°C(66.2°F)WB, Water inlet temp. 30°C(86°F), Interconnecting piping length 7.5m, Level difference of zero
   Heating : Indoor temp. 20°C(68°F)DB - Water inlet temp. 20°C(68°F)

2. Capacities are net capacities
3. Due to our policy of innovation some specifications may be changed without notification
4. EEV : Electronic Expansion Valve
5. Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB.(For more information oninstallation section.)

* ( ) : Conditional application

Heat Pump

HP					72	74	76	78	80
Model	Combination unit				ARWN720LAS4	ARWN740LAS4	ARWN760LAS4	ARWN780LAS4	ARWN800LAS4
	Independent unit				ARWN140LAS4	ARWN140LAS4	ARWN180LAS4	ARWN180LAS4	ARWN200LAS4
					ARWN180LAS4	ARWN200LAS4	ARWN180LAS4	ARWN200LAS4	ARWN200LAS4
					ARWN200LAS4	ARWN200LAS4	ARWN200LAS4	ARWN200LAS4	ARWN200LAS4
					ARWN200LAS4	ARWN200LAS4	ARWN200LAS4	ARWN200LAS4	ARWN200LAS4
Capacity	Cooling	Nom		kW	201.6	207.2	212.8	218.4	224
	Heating	Nom		kW	226.8	233.1	239.4	245.7	252
Power Input	Cooling	Nom		kW	39.93	41.44	41.78	43.29	44.8
	Heating	Nom		kW	41.64	43.18	43.6	45.14	46.68
EER					5.05	5.00	5.09	5.05	5.00
COP					5.45	5.40	5.49	5.44	5.40
ESEER					7.03	7.01	7.05	7.03	7.01
Operation Range	Cooling	Min-Max		°C DB	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C
	Heating	Min-Max		°C WB	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C
Compressor	Type				Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor				4	4	4	4	4
Sound Pressure (Cooling)		Nom		dBA	61	61	58	58	57
Sound Pressure (Heating)		Nom		dBA	63	63	63	63	63
Sound Power (Cooling)		Nom		dBA	75	75	72	72	71
Sound Power (Heating)		Nom		dBA	77	77	77	77	77
Dimensions		WxHxD		mm	(755 x 997 x 500) x 4	(755 x 997 x 500) x 4	(755 x 997 x 500) x 4	(755 x 997 x 500) x 4	(755 x 997 x 500) x 4
Net Weight				kg	(140 x 3) + (127 x 1)	(140 x 3) + (127 x 1)	140 x 4	140 x 4	140 x 4
Refrigerant	Type				R410A	R410A	R410A	R410A	R410A
	Charge			kg	3.0 + 3.0 + 3.0 + 5.8	3.0 + 3.0 + 3.0 + 5.8	3.0 + 3.0 + 3.0 + 3.0	3.0 + 3.0 + 3.0 + 3.0	3.0 + 3.0 + 3.0 + 3.0
	Control				EEV	EEV	EEV	EEV	EEV
Refrigerant Oil	Type				FVC73D(PVE)	FVC74D(PVE)	FVC75D(PVE)	FVC76D(PVE)	FVC77D(PVE)
	Control			cc	1,400 + 1,400 + 1,400 + 1,200	1,400 + 1,400 + 1,400 + 1,200	1,400 + 1,400 + 1,400 + 1,400	1,400 + 1,400 + 1,400 + 1,400	1,400 + 1,400 + 1,400 + 1,400
Power Supply				ø/V/Hz	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50
Transmission Cable (VCTF-SB)				No. x mm²	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C	1.0 ~1.5 x 2C
Piping Length	Total		Max	m	300(500)	300(500)	300(500)	300(500)	300(500)
	Actual Longest Piping Length		Max	m	150(200)	150(200)	150(200)	150(200)	150(200)
	After 1st Y branch		Max	m	40(90)	40(90)	40(90)	40(90)	40(90)
Piping Level Difference	IDU-ODU		Max	m	50	50	50	50	50
	IDU-IDU		Max	m	40	40	40	40	40
Piping Connection	Liquid			mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Gas			mm(inch)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)
Number of Outdoor Units					4	4	4	4	4
Number of Connectable Indoor Units		Max			64	64	64	64	64
Ratio of the Connectable Indoor Units		Min-Max			50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%	50 ~ 130%
Heat Exchanger	Type				Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Pressure Resistance		Max	kgf/cm²	45	45	45	45	45
	Nom Water Flow			L/min	192 + 192 + 173 + 135	192 + 192 + 192 + 135	192 + 192 + 173 + 173	192 + 192 + 192 + 173	192 + 192 + 192 + 192
	Head Loss			kPa	30.1+30.1+24.0+28.6	30.1+30.1+30.1+28.6	30.1+30.1+24.0+24.0	30.1+30.1+30.1+24.0	30.1+30.1+30.1+30.1
Water Connection pipe	Inlet			mm(inch)	PT 40 + PT 40 + PT 40 + PT40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40
	Outlet			mm(inch)	PT 40 + PT 40 + PT 40 + PT40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40
	Drain Outlet			mm	20	20	20	20	20

Note :

1. Capacities and Inputs are based on the following conditions

   Cooling : Indoor temp. 27°C (80.6°F)DB/19°C(66.2°F)WB, Water inlet temp. 30°C(86°F), Interconnecting piping length 7.5m, Level difference of zero
   Heating : Indoor temp. 20°C(68°F)DB - Water inlet temp. 20°C(68°F)

2. Capacities are net capacities
3. Due to our policy of innovation some specifications may be changed without notification
4. EEV : Electronic Expansion Valve
5. Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB.(For more information oninstallation section.)

* ( ) : Conditional application

Cooling Only

HP			10	20	30
Model Name	Combination unit		ARWV100LAL4	ARWV200LAL4	ARWV300LAL4
	Independent unit			ARWV100LAL4	ARWV100LAL4
				ARWV100LAL4	ARWV100LAL4
					ARWV100LAL4
Capacity	Cooling	kW	28	56	85
		Kcal/h	24,100	48,200	72,300
		Btu/h	95,500	191,000	286,500
Input	Cooling	kW	5.09	11.20	15.99
Casing Color			Warm Gray, Morning Gray		
Compressor	Type		Hemetically Sealed Scroll		
	Combination		(Inverter) × 1	(Inverter) × 2	(Inverter) × 3
	Piston Displacement	cm^3/rev	43.8	43.8 + 43.8	43.8 + 43.8 + 43.8
	Number of revolution	rev/min	Inverter 3,600 at 60Hz		
	Motor Output	kW	4.2	4.2 + 4.2	4.2 + 4.2 + 4.2
	Starting Method		Direct On Line		
	Oil Type		FVC68D(PVE)		
	Oil Charge Amount	cc	1,200	1,200 + 1,200	1,200 + 1,200 + 1,200
Heat Exchanger	Type		Copper Coil		
	Maximum Pressure Resistance	kgf/cm^2	45		
	Head Loss	kPa	36.5	36.5 + 36.5	36.5 + 36.5 + 36.5
	Rated Water Flow	LPM	96	96 + 96	96 + 96 + 96
Temp. Range of Circulation Water	Cooling		10℃ ~ 45℃ (50℉ ~ 113℉)		
Refrigerant Connecting Pipes	Liquid	mm(inch)	9.52(3/8)	12.7(1/2)	19.05(3/4)
	Gas	mm(inch)	22.2(7/8)	28.58(1-1/8)	34.9(1-3/8)
Water Connecting Pipes	Inlet		PT25	PT25+PT25	PT25+PT25+PT25
	Outlet	mm	PT25	PT25+PT25	PT25+PT25+PT25
	Drain Outlet	mm	20		
Dimensions (WxHxD)		mm	(755 × 997 × 500) × 1	(755 × 997 × 500) × 2	(755 × 997 × 500) × 3
		inch	(29-23/32 × 39-1/4 × 19-11/16) × 1	(29-23/32 × 39-1/4 × 19-11/16) × 2	(29-23/32 × 39-1/4 × 19-11/16) × 3
Net Weight		kg	126 × 1	126 × 2	126 × 3
		lbs	278 × 1	278 × 2	278 × 3
Communication cable (ODU - IDU)		No.× mm^2	1.0 ~ 1.5 × 2C		
Refigerant	Name		R410A		
	Control Device		EEV		
Power Supply		Ø, V, Hz	3, 380 - 415, 50		
			3, 380, 60		

Note :
1. Capacities are based on the following conditions
   - Cooling-Indoor temp. 27°C[80.6°F]DB / 19°C[66.2°F]WB - Outdoor temp. 35°C[95°F]DB / 24°C[75.2°F]WB - Interconnecting piping length 7.5m - Level difference of zero
2. Capacities are net capacities 3. Due to our policy of innovation some specifications may be changed without notification 4. EEV : Electronic Expansion Valve

HP					4	5	6
Model	Independent Unit				ARWN40GA0	ARWN50GA0	ARWN60GA0
Capacity	Cooling	Nom		kW	11.2	14.0	15.5
	Heating	Nom		kW	12.5	16.0	18.0
Power Input	Cooling	Nom		kW	2.10	2.70	3.20
	Heating	Nom		kW	2.20	2.90	3.50
EER					5.33	5.19	4.84
COP					5.68	5.52	5.14
Operation Range	Cooling	Min ~ Max		°C DB	10°C ~ 45°C	10°C ~ 45°C	10°C ~ 45°C
	Heating	Min ~ Max		°C WB	-5°C ~ 45°C	-5°C ~ 45°C	-5°C ~ 45°C
Compressor	Type				BLDC Inverter Twin Rotary	BLDC Inverter Twin Rotary	BLDC Inverter Twin Rotary
	Number of Compressor				1	1	1
Sound Pressure	Cooling	Nom		dBA	48	49	50
	Heating	Nom		dBA	48	49	50
Sound Power	Cooling	Nom		dBA	59	60	61
	Heating	Nom		dBA	59	60	61
Dimensions		W x H x D		mm	520 x 1,080 x 330	520 x 1,080 x 330	520 x 1,080 x 330
Net Weight				kg	76	76	76
Refrigerant	Type				R410A	R410A	R410A
	Charge			kg	1.0	1.0	1.0
Refrigerant Oil	Type				FVC68D	FVC68D	FVC68D
	Control			cc	1,300	1,300	1,300
Power Supply				Ø / V / Hz	1 / 220-240 / 50, 60	1 / 220-240 / 50, 60	1 / 220-240 / 50, 60
Transmission Cable (VCTF-SB)				No. x mm²	2C × 1.0~1.5	2C × 1.0~1.5	2C × 1.0~1.5
Piping Length	Total	Max		m	145	145	145
	Actual Longest Piping Length	Max		m	90	90	90
	After 1st Y Branch	Max		m	40	40	40
Piping Level Difference	IDU - ODU	Max		m	30	30	30
	IDU - IDU	Max		m	15	15	15
Piping Connection	Liquid			mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas			mm (inch)	19.05 (3/4)	19.05 (3/4)	19.05 (3/4)
Number of Outdoor Units					1	1	1
Number of Connectable Indoor Units		Max			6	8	9
Ratio of the Connectable Indoor Units		Min ~ Max			50 ~ 130%	50 ~ 130%	50 ~ 130%
Heat Exchanger	Type				Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Pressure Resistance	Max		kgf/cm²	4,413	4,413	4,413
	Nom Water Flow			L/min	40	50	60
	Head Loss			kPa	14.0	20.7	28.4
Water Connection Pipe	Inlet			mm	PT32 (1-1/4)	PT32 (1-1/4)	PT32 (1-1/4)
	Outlet			mm	PT32 (1-1/4)	PT32 (1-1/4)	PT32 (1-1/4)
	Drain Outlet			mm	-	-	-

* This product contains Fluorinated Greenhouse Gases. (R410A)
Note : 1. Capacities are based on the following conditions :
- Cooling Temperature : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB / Water 30°C (86°F)
- Heating Temperature : Indoor 20°C (68°F) DB / 15°C (59°F) WB / Water 20°C (68°F)
- Piping Length : Interconnected Pipe Length = 7.5m
- Difference Limit of Elevation (Outside ~ Indoor Unit) is Zero.

2. Wiring cable size must comply with the applicable local and national codes.
3. Due to our policy of innovation some specifications may be changed without notification.
4. Sound Level Values are measured at Anechoic chamber.
Therefore, these values can be increased owing to ambient conditions during operation.

Cooling Only

(1Ø)2.5HP

(1Ø)3HP

HP			2.5	3
Model Name			**ARUV025GSD0**	**ARUV030GSD0**
Capacity (Rated)	Cooling	kW	7.2	9.2
		kcal/h	6,191	7,911
		Btu/h	24,600	31,400
Input (Rated)	Cooling	kW	1.80	2.10
COP	Cooling	COP	4.00	4.38
Casing Color			Warm Gray	Warm Gray
Heat Exchanger			Gold fin	Gold fin
Compressor	Type		Hermetic Motor Compressor	Hermetic Motor Compressor
	Piston Displacement	cm³/rev	18	24
	Number of Revolution	rev/min	6,000	6,600
	Motor Output x Number	W x No.	1,500 x 1	2,137 x 1
	Starting Method		DC Inverter Starting	DC Inverter Starting
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	670	900
Fan	Type		Axial Flow Fan	Axial Flow Fan
	Motor Output x Number	W	85.4 x 1	124.0 x 1
	Air Flow Rate(High)	m³/min	44	60
		ft³/min	1,553	2,118
	Drive		DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side
Piping Connections	Liquid	mm(inch)	9.52(3/8)	9.52(3/8)
	Gas	mm(inch)	15.88(5/8)	15.88(5/8)
Dimensions(W x H x D)		mm	870 x 655 x 320	950 x 834 x 330
		inch	34-1/4 × 25-25/32 × 12-19/32	37-13/32 × 32-27/32 × 13
Net Weight		kg	45	59
		lbs	99.2	130
Sound Press Level	Cooling	dB(A)	50	50
Sound Power Level		dB(A)	-	-
Protection Devices	Comperssor/ Fan	-	Over-heat protection / Fan driver overload protector	
	Inverter	-	Over-heat protection, Over-current protection	
Communication Cable		No.xmm² (VCTF-SB)	1.0~1.5 × 2	1.0~1.5 × 2
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	1.0	1.4
		lbs	2.2	3.1
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V , Ø , Hz	1, 220-240, 50	1, 220-240, 50
Number of maximum connectable indoor units			3	5
Cooling Operation Range (℃, DB)			-5 ~ 48	

Note : Due to our policy of innovation some specifications may be changed without notification.

Cooling Only

(1Ø)6HP

(1Ø)4/5HP

HP			4	5	6
Model Name			**ARUV040GSD0**	**ARUV050GSD0**	**ARUV060GSD0**
Capacity (Rated)	Cooling	kW	11	14.5	17
		kcal/h	9,458	12,470	14,620
		Btu/h	37,600	49,500	58,000
Input (Rated)	Cooling	kW	2.75	3.85	4.00
COP	Cooling	COP	4.00	3.77	4.25
Casing Color			Warm Gray	Warm Gray	Warm Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetic Motor Compressor	Hermetic Motor Compressor	Hermetic Motor Compressor
	Piston Displacement	cm³/rev	24	44.2	44.2
	Number of Revolution	rev/min	6,600	6,000	6,000
	Motor Output x Number	W x No.	2,137 x 1	4,000 x 1	4,000 x 1
	Starting Method		DC Inverter Starting	DC Inverter Starting	DC Inverter Starting
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	900	1,300	1,300
Fan	Type		Axial Flow Fan	Axial Flow Fan	Axial Flow Fan
	Motor Output x Number	W	124.0 x 1	124.0 x 1	85.4 x 2
	Air Flow Rate(High)	m³/min	60	60	90
		ft³/min	2,118	2,118	3,178
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side	Side
Piping Connec-tions	Liquid	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas	mm(inch)	15.88(5/8)	15.88(5/8)	19.05(3/4)
Dimensions(W x H x D)		mm	950 x 834 x 330	950 x 834 x 330	950 x 1,170 x 330
		inch	37-13/32 × 32-27/32 × 13	37-13/32 × 32-27/32 × 13	37-13/32 × 46-1/16 × 13
Net Weight		kg	59	66	79
		lbs	130	146	174
Sound Press Level	Cooling	dB(A)	50	51	52
Sound Power Level		dB(A)	-	-	-
Protection Devices	Comperssor/ Fan	-	Over-heat protection / Fan driver overload protector		
	Inverter	-	Over-heat protection, Over-current protection		
Communication Cable		No.xmm² (VCTF-SB)	1.0~1.5 × 2	1.0~1.5 × 2	1.0~1.5 × 2
Refrigerant	Refrigerant name		R410A	R410A	R410A
	Precharged Amount	kg	1.4	1.4	2.3
		lbs	3.1	3.1	5.1
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V , Ø , Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Number of maximum connectable indoor units			6	8	9
Cooling Operation Range (℃, DB)			-5 ~ 48		

Note : Due to our policy of innovation some specifications may be changed without notification.

Heat Pump

(3Ø)8/10/12HP

HP			8	10	12
Model Name			**ARUN080LSS0**	**ARUN100LSS0**	**ARUN120LSS0**
Capacity (Rated)	Cooling	kW	22.4	28.0	33.6
		kcal/h	19,300	24,100	28,900
		Btu/h	76,400	95,900	114,700
	Heating	kW	25.2	31.5	37.8
		kcal/h	21,700	27,100	32,500
		Btu/h	86,000	107,500	129,000
Input (Rated)	Cooling	kW	5.89	7.09	9.08
	Heating	kW	6.00	7.41	9.95
COP	Cooling	COP	3.80	3.95	3.70
	Heating	COP	4.20	4.25	3.80
Power Factor	Rated	-	0.90	0.90	0.93
Casing Color			Warm Gray	Warm Gray	Warm Gray
Heat Exchanger			Gold fin	Gold fin	Gold fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	43.8	62.1	62.1
	Number of Revolution	rev/min	3,600	3,600	3,600
	Motor Output x Number	W x No.	4,200 x 1	5,300 x 1	6,800 x 1
	Starting Method		Direct On Line	Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Oil Charge	cc	1,200	1,400	1,400
Fan	Type		Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W	124 x 2	250 x 2	250 x 2
	Air Flow Rate(High)	m³/min	140	190	190
		ft³/min	4,944	6,707	6,710
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side	Side
Piping Connections	Liquid	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)
	Gas	mm(inch)	19.05(3/4)	22.2(7/8)	28.58(9/8)
Dimensions(W x H x D)		mm	(950 × 1,380 × 330) x 1	(1,090 x 1,625 x 380) x 1	(1,090 x 1,625 x 380) x 1
		inch	(37.4 × 54.3 × 13.0) x 1	(42.9 × 64.0 × 15.0) x 1	(42.9 × 64.0 × 15.0) x 1
Net Weight		kg	115 x 1	144 x 1	157 x 1
		lbs	254 x 1	317 x 1	346 x 1
Sound Press Level	Cooling	dB(A)	59	60	62
	Heating	dB(A)	59	60	62
Sound Power Level		dB(A)	68	69	73
Protection Devices	High pressure protection	-	High pressure sensor, High pressure switch		
	Comperssor/ Fan	-	Over-heat protection (S/W) / Fan driver overload protector (S/W)		Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection (S/W), Over-current protection (H/W, S/W)		Over-heat protection, Over-current protection
Communication Cable		No.xmm² (VCTF-SB)	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A	R410A
	Precharged Amount	kg	3.5	4.5	6
		lbs	7.7	9.9	13.2
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V , Ø , Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Number of maximum connectable indoor units			13	16	20
Cooling Operation Range (°C, DB)			-5 ~ 48		
Heating Operation Range (°C, WB)			-20 ~ 18		

Note : Due to our policy of innovation some specifications may be changed without notification.

Heat Pump

	Device	Buyer Model	ARUN080LSS0, ARUN100LSS0, ARUN120LSS0
Central Controller	AC Ez (Simple Controller)	PQCSZ250S0	O
	AC Smart II	PQCSW320A1E	O
	AC Smart Premium	PQCSW421E0A	O
	128 Unit Expansion Kit for AC Smart	PQCSE440U0	O
	Option Kit (SD card type) for AC Smart	PQCSE341A0 / PQCSE342A0	O
	ACP(Advanced Control Platform)	PQCPA11A0E / PQCPB11A0E	O
	AC Manager	PQCSS520A0E	O
	ACP(Advanced Control Platform) Standard	PQCPC22N0	O
	ACP(Advanced Control Platform) Premium	PQCPC22A0	O
	AC Manager Plus	PQCSSA21E0	O
	DO(Digital Output) Kit	PQNFP00T0	O
BNU (Building Network Unit)	LONWORKS Gateway (DC 12V Adapter)	PQNFB16A1 / PLNWKB000	O
	LONWORKS Gateway (AC 24 V)	PLNWKB100	X
	BACnet Gateway (DC 12V Adapter)	PQNFB17B0 / PQNFB17C0	O
	BACnet Gateway (AC 24 V)	PQNFB17C1	X
Installation	Refrigerant Charging Kit	PRAC1	O
	Variable Water Flow Control Kit	PWFCKN000	X
PDI(power distribution indicator)		PQNUD1S00	O
PDI(power distribution indicator) Premium		PQNUD1S40	O
Cool / Heat Selector		PRDSBM	O
IO Module (ODU Dry Contact)		PVDSMN000	O
Low Ambient Kit		PRVC*	X
Cycle Monitoring Device	LG MV	PRCTIL0	O
	Mobile LGMV(Bluetooth)	PMVBTQ01	O
Internet Bridge		PWFMDB000	O

Cooling Only

	Device	Buyer Model	ARUV025GSD0, ARUV030GSD0, ARUV040GSD0 ARUV050GSD0, ARUV060GSD0
Central Controller	AC Ez (Simple Controller)	PQCSZ250S0	O
	AC Smart II	PQCSW320A1E	O
	AC Smart Premium	PQCSW421E0A	O
	PI485	PMNFP14A1	O
Cycle Monitoring Device	LG MV	PRCT-FE1	O

Notes:
1. Capacities are based on the following conditions:
   - Cooling Temperature : Indoor 27°C(80.6°F) DB / 19°C(66.2°F) WB
     Outdoor 35°C(95°F) DB / 24°C(75.2°F) WB
   - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB
     Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
   - Piping Length : Interconnected Pipe Length = 5m
   - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
2. Wiring cable size must comply with the applicable local and national code.
3. Due to our policy of innovation some specifications may be changed without notification.
4. Sound Level Values are measured at Anechoic chamber.
   Therefore, these values can be increased (maximum 3dB(A)) owing to ambient conditions during opration.

INDOOR UNIT LINE-UP

kW		1.5	2.2	2.8	3.6	4.5	5.6	6.2	7.1	8.2	9.0	10.6	12.3	14.1	15.8	17.5	22.4	28.0
Type	Btu/h	5k	7k	9k	12k	15k	18k	21k	24k	28k	30k	36k	42k	48k	54k	60k	76k	96k
4th Generation Wall Mounted Unit		■	■	■	■	■	■		■									
4th Generation Ceiling Mounted Cassette	4 Way Cassette (570 x 570) 	■	■	■	■	■	■	NEW ■										
	4 Way Cassette (840 x 840) 								■		NEW ■				NEW ■			
	2 Way Cassette 			■	■		■		■	■								
	1 Way Cassette 		■	■	■	■	■		■	■								
4th Generation Ceiling Concealed Duct	High Statics 		■	■	■	■	■		■	■		■	■	■	■	■	■	■
	High Static (Slim) 		■	■	■	■	■		■	■		■	■	■	■			
	Low Statics 	■	■	■	■	■	■	■	■									
4th Generation Fresh Air Intake Units 														■			■	■
2nd Generation Ceiling & Floor Convertible Unit			■	■														
2nd Generation Ceiling suspended unit 						■		■						■				
4th Generation Floor standing Unit	Floor Standing Unit with Case 		■	■	■	■	■		■									
	Floor Standing Unit without Case 		■	■	■	■	■		■									

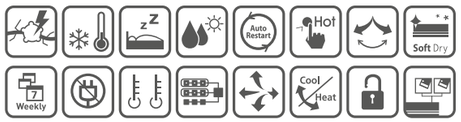
FEATURES OVERVIEW

Energy Monitoring	2 Set point	Occupied / Unoccupied Scheduling Function	Group Control	Test Run (Cooling)	Test Run (Heating)	Model Information Monitoring	Auto Addressing	Refrigerant Leakage Detection	Thermo On / Off Range Setting (Cooling)	Thermo On / Off Range Setting (Heating)	Static Pressure 11 Step Control (Only for Ceiling Concealed Duct Type)	1 point External Input (On / Off control)	Filter Sign (Remaining Time)	Auto rerstart function Disable / Enable
•	•	•	•	•	•	•	•	•	•	•		•	•	•
•	•	•	•	•	•	•	•	•	•	•		•	•	•
•	•	•	•	•	•	•	•	•	•	•		•	•	•
•	•	•	•	•	•	•	•	•	•	•		•	•	•
•	•	•	•	•	•	•	•	•	•	•		•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

1) If 4th generation indoors are connected to MULTI V WATER S outdoor, some of function will not be activated.
2) If 4th generation indoors are combined to 2nd generation indoors, some of function will not be activated.
→ More detailed information, refer to the "MULTI V INDOOR COMPATIBILITY" (page 138~139)

4 Way Cassette (570×570)

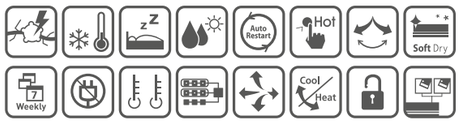
ARNU05GTRA4 ARNU07GTRA4 ARNU09GTRA4
ARNU12GTRA4 ARNU15GTQA4 ARNU18GTQA4 ARNU21GTQA4



Model				ARNU05GTRA4	ARNU07GTRA4	ARNU09GTRA4	ARNU12GTRA4	ARNU15GTQA4	ARNU18GTQA4	ARNU21GTQA4
Capacity	Cooling	Nom	kW	1.6	2.2	2.8	3.6	4.5	5.6	6.0
	Heating	Nom	kW	1.8	2.5	3.2	4.0	5.0	6.3	6.8
Power Input	Cooling	Nom	W	30	30	30	30	30	30	30
	Heating	Nom	W	30	30	30	30	30	30	30
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220~240 / 50
Airflow Rate	Cooling	H/M/L	m^3/min	7.5 / 7.0 / 6.6	7.5 / 7.0 / 6.6	8.0 / 7.5 / 7.1	8.7 / 8.0 / 7.0	11.0 / 10.0 / 9.3	11.2 / 11.0 / 10.0	12.0 / 11.1 / 9.4
	Heating	H/M/L	m^3/min	7.5 / 7.0 / 6.6	7.5 / 7.0 / 6.6	8.0 / 7.5 / 7.1	8.7 / 8.0 / 7.0	11.0 / 10.0 / 9.3	11.2 / 11.0 / 10.0	12.0 / 11.1 / 9.4
Sound Pressure		H/M/L	dBA	29 / 27 / 26	29 / 27 / 26	30 / 29 / 27	32 / 30 / 27	36 / 34 / 32	37 / 35 / 34	40 / 38 / 33
Dimensions	Body	WxHxD	mm	570 x 570 x 214	570 x 570 x 214	570 x 570 x 214	570 x 570 x 214	570 x 570 x 256	570 x 570 x 256	570 x 570 x 256
Net Weight			kg(lbs)	13.1(28.9)	13.1(28.9)	14.2(31.3)	14.2(31.3)	15.5(34.2)	15.5(34.2)	15.0(33.0)
Neoplasma Purifying Filter				PTPKQ0	PTPKQ0	PTPKQ0	PTPKQ0	PTPKQ0	PTPKQ0	PTPKQ0
Piping Connection	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)
	Drain	I.D.	mm(inch)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(1)
Decoration Panel	Model			PT-UQC	PT-UQC	PT-UQC	PT-UQC	PT-UQC	PT-UQC	PT-UQC
	Colour			Morning fog	Morning fog	Morning fog	Morning fog	Morning fog	Morning fog	Morning fog
	Dimensions	WxDxH	mm	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700
	Weight		kg	3	3	3	3	3	3	3

4 Way Cassette (840×840)

ARNU24GTPA4 ARNU28GTPA4 ARNU30GTPA4
ARNU36GTNA4 ARNU42GTMA4 ARNU48GTMA4 ARNU54GTMA4



Model				ARNU24GTPA4	ARNU28GTPA4	ARNU30GTPA4	ARNU36GTNA4	ARNU42GTMA4	ARNU48GTMA4	ARNU54GTMA4
Capacity	Cooling	Nom	kW	7.1	8.2	9.0	10.6	12.3	14.1	15.8
	Heating	Nom	kW	8.0	9.2	10.0	11.9	13.8	15.9	18.0
Power Input	Cooling	Nom	W	33	33	33	144	144	144	144
	Heating	Nom	W	33	33	33	144	144	144	144
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m^3/min	17 / 15 / 13	19 / 16 / 14	24.3 / 22.8 / 19.5	25 / 21 / 19	30 / 27 / 24	31 / 29 / 27	34 / 32 / 27
	Heating	H/M/L	m^3/min	17 / 15 / 13	19 / 16 / 14	24.3 / 22.8 / 19.5	25 / 21 / 19	30 / 27 / 24	31 / 29 / 27	34 / 32 / 27
Sound Pressure		H/M/L	dBA	36 / 34 / 31	39 / 35 / 33	40 / 36 / 31	43 / 40 / 37	44 / 41 / 38	46 / 43 / 41	48 / 46 / 43
Dimensions	Body	WxHxD	mm	840 x 840 x 204	840 x 840 x 204	840 x 840 x 204	840 x 840 x 246	840 x 840 x 288	840 x 840 x 288	840 x 840 x 204
Net Weight			kg(lbs)	20.8(45.8)	20.8(45.8)	20.8(45.8)	23.5(51.8)	25.6(56.4)	25.6(56.4)	26.5(58.4)
Neoplasma Purifying Filter				PTPKM0	PTPKM0	PTPKM0	PTPKM0	PTPKM0	PTPKM0	PTPKM0
Piping Connection	Liquid		mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas		mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)
	Drain	I.D.	mm(inch)	25(31/32)	25(31/32)	25(1)	25(31/32)	25(31/32)	25(31/32)	25(1)
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Colour			Morning fog	Morning fog	Morning fog	Morning fog	Morning fog	Morning fog	Morning fog
	Dimensions	WxDxH	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
	Weight		kg	5.6	5.6	5.6	5.6	5.6	5.6	5.6

Note :
1. Capacities are based on the following conditions

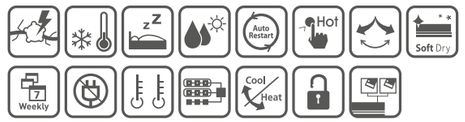
Cooling - Indoor temp. 27°C(80.6°F)DB / 19°C(66.2°F)WB
Outdoor temp. 35°C(95°F)DB / 24°C(75.2°F)WB
Interconnecting piping length 7.5m
Level difference of zero

Heating - Indoor temp. 20°C(68°F)DB / 15°C(59°F)WB
Outdoor temp. 7°C(44.6°F)DB / 6°C(42.8°F)WB
Interconnecting piping length 7.5m
Level difference of zero

2. Due to our policy of innovation some specifications may be changed without notification

2 Way Cassette

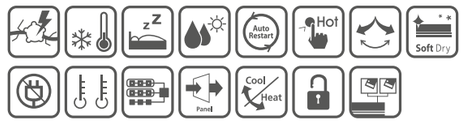
ARNU09GTLA4 ARNU12GTLA4
ARNU18GTLA4 ARNU24GTLA4



Model				ARNU09GTLA4	ARNU12GTLA4	ARNU18GTLA4	ARNU24GTLA4
Capacity	Cooling	Nom	kW	2.8	3.6	5.6	7.1
	Heating	Nom	kW	3.2	4.0	6.3	8.0
Power Input	Cooling	Nom	W	70	70	70	70
	Heating	Nom	W	70	70	70	70
Power Supply			ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m^3/min	9 / 8 / 7	10 / 9 / 8	13 / 12 / 10	17 / 15 / 13
	Heating	H/M/L	m^3/min	9 / 8 / 7	10 / 9 / 8	13 / 12 / 10	17 / 15 / 13
Sound Pressure		H/M/L	dBA	36 / 34 / 32	38 / 36 / 32	40 / 36 / 32	42 / 38 / 34
Dimensions	Body	WxHxD	mm	830 × 550 × 225	830 × 550 × 225	830 × 550 × 225	830 × 550 × 225
Net Weight			kg(lbs)	20.6(45.4)	20.6(45.4)	22(48.5)	22(48.5)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)
	Drain	I.D.	mm(inch)	25(1)	25(1)	25(31/32)	25(31/32)
Decoration Panel	Model			PT-HLC	PT-HLC	PT-HLC	PT-HLC
	Colour			Morning fog	Morning fog	Morning fog	Morning fog
	Dimensions	WxDxH	mm	1,050 x 28 x 640	1,050 × 28 × 640	1,050 x 28 x 640	1,050 x 28 x 640
	Weight		kg	4.0	4.0	4.0	4.0

1 Way Cassette

ARNU07GTUA4 ARNU09GTUA4
ARNU12GTUA4 ARNU18GTTA4 ARNU24GTTA4



Model				ARNU07GTUA4	ARNU09GTUA4	ARNU12GTUA4	ARNU18GTTA4	ARNU24GTTA4
Capacity	Cooling	Nom	kW	2.2	2.8	3.6	5.6	7.1
	Heating	Nom	kW	2.5	3.2	4.0	6.3	7.1
Power Input	Cooling	Nom	W	40	40	40	70	70
	Heating	Nom	W	40	40	40	70	70
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m^3/min	8.2 / 7.3 / 6.4	9.2 / 8.6 / 8.2	10 / 9.2 / 8.2	13.3 / 12.1 / 10.9	14.6 / 13.3 / 11.5
	Heating	H/M/L	m^3/min	8.2 / 7.3 / 6.4	9.2 / 8.6 / 8.2	10 / 9.2 / 8.2	13.3 / 12.1 / 10.9	14.6 / 13.3 / 11.5
Sound Pressure		H/M/L	dBA	32 / 29 / 25	35 / 34 / 32	38 / 35 / 32	40 / 37 / 35	43 / 40 / 36
Dimensions	Body	WxHxD	mm	860 x 450 x 132	860 x 450 x 132	860 x 450 x 132	1,180 x 450 x 132	1,180 x 450 x 132
Net Weight			kg(lbs)	14.7(32.4)	14.7(32.4)	14.7(32.4)	18.7(41.23)	18.7(41.23)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)
	Drain	I.D.	mm(inch)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)
Decoration Panel	Model			PT-UUC(Grill), PT-UUD(Panel)	PT-UUC(Grill), PT-UUD(Panel)	PT-UUC(Grill), PT-UUD(Panel)	PT-UTC(Grill), PT-UTD(Panel)	PT-UTC(Grill), PT-UTD(Panel)
	Colour			White	White	White	White	White
	Dimensions	WxDxH	mm	1,100 x 34 x 500	1,100 x 34 x 500	1,100 x 34 x 500	1,420 x 34 x 500	1,420 x 34 x 500
	Weight		kg	4.6	4.6	4.6	5.5	5.5

Note :
1. Capacities are based on the following conditions

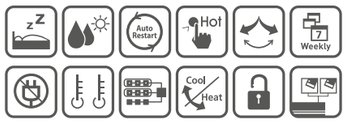
Cooling - Indoor temp. 27°C(80.6°F)DB / 19°C(66.2°F)WB
Outdoor temp. 35°C(95°F)DB / 24°C(75.2°F)WB
Interconnecting piping length 7.5m
Level difference of zero

Heating - Indoor temp. 20°C(68°F)DB / 15°C(59°F)WB
Outdoor temp. 7°C(44.6°F)DB / 6°C(42.8°F)WB
Interconnecting piping length 7.5m
Level difference of zero

2. Due to our policy of innovation some specifications may be changed without notification

High Static Duct

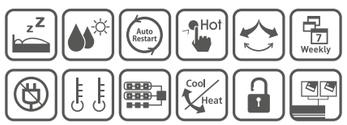
ARNU07G**BH**A4 ARNU09G**BH**A4 ARNU12G**BH**A4
ARNU15G**BH**A4 ARNU18G**BH**A4 ARNU24G**BH**A4



Model				ARNU07GBHA4	ARNU09GBHA4	ARNU12GBHA4	ARNU15GBHA4	ARNU18GBHA4	ARNU24GBHA4
Capacity	Cooling	Nom	kW	2.2	2.8	3.6	4.5	5.6	7.1
	Heating	Nom	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power Input	Cooling	Nom	W	150	150	150	150	150	150
	Heating	Nom	W	150	150	150	150	150	150
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m^3/min	8.5 / 7.5 / 6.0	10.0 / 8.5 / 7.5	12.0 / 10.0 / 8.5	13.5 / 12.0 / 8.5	15.5 / 13.5 / 12.4	18.3 / 16.9 / 15.5
(High mode)	Heating	H/M/L	m^3/min	8.5 / 7.5 / 6.0	10.0 / 8.5 / 7.5	12.0 / 10.0 / 8.5	13.5 / 12.0 / 8.5	15.5 / 13.5 / 12.4	18.3 / 16.9 / 15.5
External Static Pressure	High Mode - Factory Set		mmAq(Pa)	8(78)	8(78)	8(78)	8(78)	8(78)	8(78)
Sound Pressure		H/M/L	dBA	26 / 25 / 23	26 / 25 / 23	27 / 26 / 23	28 / 27 / 25	30 / 29 / 26	33 / 31 / 28
Dimensions	Body	WxHxD	mm	882 x 260 x 450	882 x 260 x 450	882 x 260 x 450	882 x 260 x 450	882 x 260 x 450	882 x 260 x 450
Net Weight			kg(lbs)	26(57.4)	26(57.4)	26(57.4)	26(57.4)	26.5(58.4)	26.5(58.4)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)
	Drain	I.D.	mm(inch)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)
Fan motor output x Number			W	154 x 1	154 x 1	154 x 1	154 x 1	154 x 1	154 x 1

High Static Duct

ARNU28G**BH**A4 ARNU36G**BG**A4 ARNU42G**BG**A4 ARNU48G**BG**A4
ARNU54G**BR**A4 ARNU60G**B7**A4 ARNU76G**B8**A4 ARNU96G**B8**A4



Model				ARNU28GBHA4	ARNU36GBGA4	ARNU42GBGA4	ARNU48GBGA4	ARNU54GBRA4	ARNU60GB7A4	ARNU76GB8A4	ARNU96GB8A4
Capacity	Cooling	Nom	kW	8.2	10.6	12.3	14.1	15.8	17.5	22.4	28.0
	Heating	Nom	kW	9.2	11.9	13.8	15.9	18.0	19.7	25.2	31.5
Power Input	Cooling	Nom	W	150	450	450	450	450	400	800	800
	Heating	Nom	W	150	450	450	450	450	400	800	800
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m^3/min	19.8 / 17.6 / 15.7	32.3 / 29.0 / 25.3	34.5 / 32.3 / 30.7	34.6 / 31.8 / 27.9	51.0 / 44.8 / 40.6	51.6 / 48.5 / 44.3	60.0 / 50.0 / 50.0	72.0 / 64.0 / 64.0
(High mode)	Heating	H/M/L	m^3/min	19.8 / 17.6 / 15.7	32.3 / 29.0 / 25.3	34.5 / 32.3 / 30.7	34.6 / 31.8 / 27.9	51.0 / 44.8 / 40.6	51.6 / 48.5 / 44.3	60.0 / 50.0 / 50.0	72.0 / 64.0 / 64.0
External Static Pressure	High Mode - Factory Set		mmAq(Pa)	8(78)	10(98)	10(98)	10(98)	14(137)	14(137)	22(216)	22(216)
Sound Pressure		H/M/L	dBA	39 / 38 / 36	33 / 31 / 28	36 / 33 / 30	41 / 38 / 37	39 / 37 / 35	41 / 39 / 37	45 / 41 / 40	47 / 42 / 41
Dimensions	Body	WxHxD	mm	882 x 260 x 450	1,182 x 298 x 450	1,182 x 298 x 450	1,182 x 298 x 450	1,230 x 380 x 590	1,320 x 400 x 534	1,562 x 460 x 688	1,562 x 460 x 688
Net Weight			kg(lbs)	27.0(59.5)	38(83.8)	38(83.8)	38(83.8)	53(117)	55 (121)	87(192)	87(192)
Piping Connection	Liquid		mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas		mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	19.05(3/4)	22.2(7/8)
	Drain	I.D.	mm(inch)	25(1)	25(31/32)	25(31/32)	25(1)	25(31/32)	25(1)	25(31/32)	25(31/32)
Fan motor output x Number			W	154 x 1	350 x 1	350 x 1	350 x 1	185 x 2	195 x 2	375 x 2	375 x 2

Note :
1. Capacities are based on the following conditions

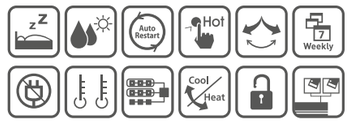
Cooling - Indoor temp. 27°C(80.6°F)DB / 19°C(66.2°F)WB
Outdoor temp. 35°C(95°F)DB / 24°C(75.2°F)WB
Interconnecting piping length 7.5m
Level difference of zero

Heating - Indoor temp. 20°C(68°F)DB / 15°C(59°F)WB
Outdoor temp. 7°C(44.6°F)DB / 6°C(42.8°F)WB
Interconnecting piping length 7.5m
Level difference of zero

2. Due to our policy of innovation some specifications may be changed without notification

High Static (Slim)

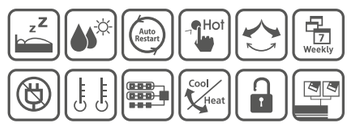
ARNU07G**M1**A4 ARNU09G**M1**A4 ARNU12G**M1**A4
ARNU15G**M1**A4 ARNU18G**M1**A4 ARNU24G**M1**A4



Model				ARNU07GM1A4	ARNU09GM1A4	ARNU12GM1A4	ARNU15GM1A4	ARNU18GM1A4	ARNU24GM1A4
Capacity	Cooling	Nom	kW	2.2	2.8	3.6	4.5	5.6	7.1
	Heating	Nom	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power Input	Cooling	Nom [1]	W	39	40	46	67	85	91
	Heating	Nom [1]	W	39	40	46	67	85	91
	Cooling	Rated [2]	W	190	190	190	190	190	190
	Heating	Rated [2]	W	190	190	190	190	190	190
Power Supply			Ø / V / Hz	1 / 220~240 / 50 1 / 220 / 60	1 / 220~240 / 50 1 / 220 / 60	1 / 220~240 / 50 1 / 220 / 60	1 / 220~240 / 50 1 / 220 / 60	1 / 220~240 / 50 1 / 220 / 60	1 / 220~240 / 50 1 / 220 / 60
Airflow Rate	Cooling	H/M/L	m^3/min	9.0 / 7.5 / 6.0	9.5 / 7.5 / 6.0	11.0 / 9.0 / 7.0	16.0 / 12.0 / 9.0	17.0 / 14.5 / 12.0	19.0 / 16.0 / 14.0
	Heating	H/M/L	m^3/min	9.0 / 7.5 / 6.0	9.5 / 7.5 / 6.0	11.0 / 9.0 / 7.0	16.0 / 12.0 / 9.0	17.0 / 14.5 / 12.0	19.0 / 16.0 / 14.0
External Static Pressure		Min ~ Max	mmAq(Pa)	2(20) ~ 15(147)	2(20) ~ 15(147)	2(20) ~ 15(147)	2(20) ~ 15(147)	2(20) ~ 15(147)	2(20) ~ 15(147)
Sound Pressure		H/M/L	dBA	26 / 24 / 23	27 / 25 / 23	27 / 25 / 23	30 / 27 / 23	31 / 28 / 25	32 / 29 / 26
Sound Power		H/M/L	dBA	55 / 54 / 51	55 / 54 / 52	55 / 54 / 52	56 / 54 / 53	58 / 56 / 54	59 / 58 / 56
Dimensions	Body	WxHxD	mm	900 × 270 × 700	900 × 270 × 700	900 × 270 × 700	900 × 270 × 700	900 × 270 × 700	900 × 270 × 700
Net Weight			kg	25.5	25.5	25.5	25.5	25.5	26.5
Piping Connection	Liquid		mm	6.35	6.35	6.35	6.35	6.35	9.52
	Gas		mm	12.7	12.7	12.7	12.7	12.7	15.88
	Drain	I.D	mm	25.0	25.0	25.0	25.0	25.0	25.0

High Static (Slim)

ARNU28G**M2**A4 ARNU36G**M2**A4
ARNU42G**M2**A4 ARNU48G**M3**A4 ARNU54G**M3**A4



Model				ARNU28GM2A4	ARNU36GM2A4	ARNU42GM2A4	ARNU48GM3A4	ARNU54GM3A4
Capacity	Cooling	Nom	kW	8.2	10.6	12.3	14.1	15.8
	Heating	Nom	kW	9.2	11.9	13.8	15.9	18.0
Power Input	Cooling	Nom [1]	W	123	184	231	172	260
	Heating	Nom [1]	W	123	184	231	172	260
	Cooling	Rated [2]	W	350	350	350	400	400
	Heating	Rated [2]	W	350	350	350	400	400
Power Supply			Ø/V/Hz	1 / 220~240 / 50 1 / 220 / 60	1 / 220~240 / 50 1 / 220 / 60	1 / 220~240 / 50 1 / 220 / 60	1 / 220~240 / 50 1 / 220 / 60	1 / 220~240 / 50 1 / 220 / 60
Airflow Rate	Cooling	H/M/L	m^3/min	28.0 / 24.0 / 21.0	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
	Heating	H/M/L	m^3/min	28.0 / 24.0 / 21.0	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
External Static Pressure		Min ~ Max	mmAq(Pa)	4(39) ~ 15(147)	4(39) ~ 15(147)	4(39) ~ 15(147)	4(39) ~ 15(147)	4(39) ~ 15(147)
Sound Pressure		H/M/L	dBA	36 / 34 / 33	37 / 36 / 34	38 / 37 / 36	39 / 37 / 35	42 / 40 / 39
Sound Power		H/M/L	dBA	59 / 57 / 55	60 / 59 / 57	62 / 61 / 60	65 / 61 / 59	66 / 64 / 63
Dimensions	Body	WxHxD	mm	1,250 × 270 × 700	1,250 × 270 × 700	1,250 × 270 × 700	1,250 × 360 × 700	1,250 × 360 × 700
Net Weight			kg	38.0	38.0	39.5	44.0	44.0
Piping Connection	Liquid		mm	9.52	9.52	9.52	9.52	9.52
	Gas		mm	15.88	15.88	15.88	15.88	19.05
	Drain	I.D	mm	25.0	25.0	25.0	25.0	25.0

Note :
1. Capacities are based on the following conditions

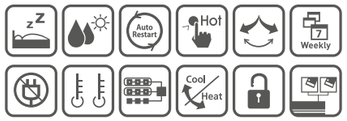
Cooling - Indoor temp. 27°C(80.6°F)DB / 19°C(66.2°F)WB
Outdoor temp. 35°C(95°F)DB / 24°C(75.2°F)WB
Interconnecting piping length 7.5m
Level difference of zero

Heating - Indoor temp. 20°C(68°F)DB / 15°C(59°F)WB
Outdoor temp. 7°C(44.6°F)DB / 6°C(42.8°F)WB
Interconnecting piping length 7.5m
Level difference of zero

2. Due to our policy of innovation some specifications may be changed without notification

Low Static Duct

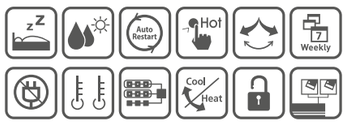
ARNU05GL1G4 ARNU07GL1G4 ARNU09GL1G4



Model				ARNU05GL1G4	ARNU07GL1G4	ARNU09GL1G4
Capacity	Cooling	Nom	kW	1.7	2.2	2.8
	Heating	Nom	kW	1.9	2.5	3.2
Power Input	Cooling	Nom	W	40	40	40
	Heating	Nom	W	40	40	40
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m^3/min	6.7 / 6.2 / 5.5	7.5 / 6.5 / 5.5	9.0 / 7.0 / 5.5
(High mode)	Heating	H/M/L	m^3/min	6.7 / 6.2 / 5.5	7.5 / 6.5 / 5.5	9.0 / 7.0 / 5.5
External Static Pressure	High Mode - Factory Set		mmAq(Pa)	2.54(25)	2.54(25)	2.54(25)
Sound Pressure		H/M/L	dBA	25 / 24 / 22	26 / 24 / 22	28 / 25 / 22
Dimensions	Body	WxHxD	mm	700 x 190 x 700	700 x 190 x 700	700 x 190 x 700
Net Weight			kg(lbs)	17.5(38.6)	17.5(38.6)	17.5(38.6)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)
	Drain	I.D.	mm(inch)	25.4(1)	25.4(1)	25.4(1)
Fan motor output x Numver			W	19 x 1	19 x 1	19 x 1

Low Static Duct

ARNU12GL2G4 ARNU15GL2G4
ARNU18GL2G4 ARNU21GL3G4 ARNU24GL3G4



Model				ARNU12GL2G4	ARNU15GL2G4	ARNU18GL2G4	ARNU21GL3G4	ARNU24GL3G4
Capacity	Cooling	Nom	kW	3.6	4.5	5.6	6.2	7.1
	Heating	Nom	kW	4.0	5.0	6.3	7.0	8.0
Power Input	Cooling	Nom	W	85	85	85	115	115
	Heating	Nom	W	85	85	85	115	115
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m^3/min	10.0 / 8.5 / 7.0	12.5 / 10.0 / 8.5	15.0 / 12.5 / 10.0	17.5 / 14.0 / 12.0	20.0 / 16.0 / 12.0
(High mode)	Heating	H/M/L	m^3/min	10.0 / 8.5 / 7.0	12.5 / 10.0 / 8.5	15.0 / 12.5 / 10.0	17.5 / 14.0 / 12.0	20.0 / 16.0 / 12.0
External Static Pressure	High Mode - Factory Set		mmAq(Pa)	2.54(25)	2.54(25)	2.54(25)	2.54(25)	2.54(25)
Sound Pressure		H/M/L	dBA	30 / 27 / 25	33 / 30 / 28	35 / 32 / 29	35 / 29 / 28	36 / 33 / 28
Dimensions	Body	WxHxD	mm	900 x 190 x 700	900 x 190 x 700	900 x 190 x 700	1,100 x 190 x 700	1,100 x 190 x 700
Net Weight			kg(lbs)	23(50.7)	23(50.7)	23(50.7)	27(59.5)	27(59.5)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)	9.52(3/8)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)	15.88(5/8)
	Drain	I.D.	mm(inch)	25.4(1)	25.4(1)	25.4(1)	25.4(1)	25.4(1)
Fan motor output x Numver			W	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 2	19 x 2

Note :
1. Capacities are based on the following conditions

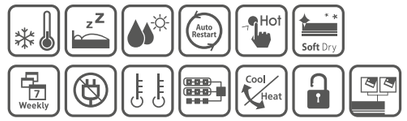
Cooling - Indoor temp. 27°C(80.6°F)DB / 19°C(66.2°F)WB
Outdoor temp. 35°C(95°F)DB / 24°C(75.2°F)WB
Interconnecting piping length 7.5m
Level difference of zero

Heating - Indoor temp. 20°C(68°F)DB / 15°C(59°F)WB
Outdoor temp. 7°C(44.6°F)DB / 6°C(42.8°F)WB
Interconnecting piping length 7.5m
Level difference of zero

2. Due to our policy of innovation some specifications may be changed without notification

Ceiling Suspended

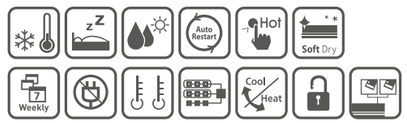
URNU18GVJA2 URNU24GVJA2 URNU36GVKA2 URNU48GVLA2



Model				URNU18GVJA2	URNU24GVJA2	URNU36GVKA2	URNU48GVLA2
Capacity	Cooling	Nom	kW	5.6	7.1	10.6	14.1
	Heating	Nom	kW	6.3	8.0	11.9	15.9
Power Input	Cooling	Nom	W	63	63	140	190
	Heating	Nom	W	63	63	140	190
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m^3/min	16.0 / 14.0 /12.0	18.0 / 16.0 / 14.0	24.6 / 23 / 21.4	35 / 32 / 30
	Heating	H/M/L	m^3/min	16.0 / 14.0 /12.0	18.0 / 16.0 / 14.0	24.6 / 23 / 21.4	35 / 32 / 30
Sound Pressure		H/M/L	dBA	42 / 40 / 37	43 / 41 / 39	48 / 46 / 44	49 / 48 / 47
Dimensions	Body	WxDxH	mm	950 x 650 x 220	950 x 650 x 220	1350 x 650 x 220	1750 x 650 x 220
Net Weight			kg(lbs)	24.6(54.2)	24.6(54.2)	35.0(77.2)	45.0(99.2)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas		mm(inch)	12.7(1/2)	15.9(5/8)	15.9(5/8)	15.9(5/8)
	Drain	I.D.	mm(inch)	16(5/8)	16(5/8)	16(5/8)	16(5/8)

Ceiling & Floor

ARNU09GVEA2 ARNU12GVEA2



Model				ARNU09GVEA2	ARNU12GVEA2
Capacity	Cooling	Nom	kW	2.8	3.6
	Heating	Nom	kW	3.2	4.0
Power Input	Cooling	Nom	W	30	30
	Heating	Nom	W	30	30
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m^3/min	7.6 / 6.9 / 6.2	9.2 / 7.6 / 6.9
	Heating	H/M/L	m^3/min	7.6 / 6.9 / 6.2	9.2 / 7.6 / 6.9
Sound Pressure		H/M/L	dBA	36 / 32 / 28	38 / 36 / 30
Dimensions	Body	WxDxH	mm	900 x 490 x 200	900 x 490 x 200
Net Weight			kg(lbs)	13.7(30.2)	13.7(30.2)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)
	Drain	I.D.	mm(inch)	16(5/8)	16(5/8)

Note :
1. Capacities are based on the following conditions

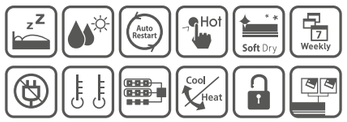
Cooling - Indoor temp. 27°C(80.6°F)DB / 19°C(66.2°F)WB
Outdoor temp. 35°C(95°F)DB / 24°C(75.2°F)WB
Interconnecting piping length 7.5m
Level difference of zero

Heating - Indoor temp. 20°C(68°F)DB / 15°C(59°F)WB
Outdoor temp. 7°C(44.6°F)DB / 6°C(42.8°F)WB
Interconnecting piping length 7.5m
Level difference of zero

2. Due to our policy of innovation some specifications may be changed without notification

Floor Standing with Case

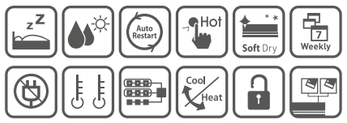
ARNU07GCEA4 ARNU09GCEA4 ARNU12GCEA4
ARNU15GCEA4 ARNU18GCFA4 ARNU24GCFA4



Model				ARNU07GCEA4	ARNU09GCEA4	ARNU12GCEA4	ARNU15GCEA4	ARNU18GCFA4	ARNU24GCFA4
Capacity	Cooling	Nom	kW	2.2	2.8	3.6	4.5	5.6	7.1
	Heating	Nom	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power Input	Cooling	Nom	W	30	30	30	30	80	80
	Heating	Nom	W	30	30	30	30	80	80
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m^3/min	8.5 / 7.5 / 6.5	9.5 / 8.5 / 7.5	10.5 / 9.5 / 8.5	11.5 / 10.0 / 9.5	16.0 / 14.0 / 12.0	18.0 / 16.0 / 14.0
	Heating	H/M/L	m^3/min	8.5 / 7.5 / 6.5	9.5 / 8.5 / 7.5	10.5 / 9.5 / 8.5	11.5 / 10.0 / 9.5	16.0 / 14.0 / 12.0	18.0 / 16.0 / 14.0
Sound Pressure		H/M/L	dBA	35 / 33 / 31	36 / 34 / 32	37 / 35 / 33	38 / 37 / 35	40 / 37 / 34	43 / 40 / 37
Dimensions	Body	WxDxH	mm	1,067 x 635 x 203	1,067 x 635 x 203	1,067 x 635 x 203	1,067 x 635 x 203	1,345 x 635 x 203	1,345 x 635 x 203
Net Weight			kg(lbs)	27(59.5)	27(59.5)	27(59.5)	27(59.5)	34(75.0)	34(75.0)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.9(5/8)
	Drain	I.D.	mm(inch)	12(15/32)	12(15/32)	12(15/32)	12(15/32)	12(15/32)	12(15/32)

Floor Standing without Case

ARNU07GCEU4 ARNU09GCEU4 ARNU12GCEU4
ARNU15GCEU4 ARNU18GCFU4 ARNU24GCFU4



Model				ARNU07GCEU4	ARNU09GCEU4	ARNU12GCEU4	ARNU15GCEU4	ARNU18GCFU4	ARNU24GCFU4
Capacity	Cooling	Nom	kW	2.2	2.8	3.6	4.5	5.6	7.1
	Heating	Nom	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power Input	Cooling	Nom	W	30	30	30	30	80	80
	Heating	Nom	W	30	30	30	30	80	80
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m^3/min	8.5 / 7.5 / 6.5	9.5 / 8.5 / 7.5	10.5 / 9.5 / 8.5	11.5 / 10.0 / 9.5	16.0 / 14.0 / 12.0	18.0 / 16.0 / 14.0
	Heating	H/M/L	m^3/min	8.5 / 7.5 / 6.5	9.5 / 8.5 / 7.5	10.5 / 9.5 / 8.5	11.5 / 10.0 / 9.5	16.0 / 14.0 / 12.0	18.0 / 16.0 / 14.0
Sound Pressure		H/M/L	dBA	35 / 33 / 31	36 / 34 / 32	37 / 35 / 33	38 / 37 / 35	40 / 37 / 34	43 / 40 / 37
Dimensions	Body	WxDxH	mm	978 x 639 x 190	978 x 639 x 190	978 x 639 x 190	978 x 639 x 190	1,256 x 639 x 190	1,256 x 639 x 190
Net Weight			kg(lbs)	20(44.1)	20(44.1)	20(44.1)	20(44.1)	27(59.5)	27(59.5)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.9(5/8)
	Drain	I.D.	mm(inch)	12(15/32)	12(15/32)	12(15/32)	12(15/32)	12(15/32)	12(15/32)

Note :
1. Capacities are based on the following conditions

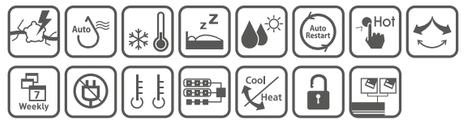
Cooling - Indoor temp. 27°C(80.6°F)DB / 19°C(66.2°F)WB
Outdoor temp. 35°C(95°F)DB / 24°C(75.2°F)WB
Interconnecting piping length 7.5m
Level difference of zero

Heating - Indoor temp. 20°C(68°F)DB / 15°C(59°F)WB
Outdoor temp. 7°C(44.6°F)DB / 6°C(42.8°F)WB
Interconnecting piping length 7.5m
Level difference of zero

2. Due to our policy of innovation some specifications may be changed without notification

Wall Mounted

ARNU05GSBL4 ARNU07GSBL4 ARNU09GSBL4
ARNU12GSBL4 ARNU15GSBL4 ARNU18GSCL4 ARNU24GSCL4



Model				ARNU05GSBL4	ARNU07GSBL4	ARNU09GSBL4	ARNU12GSBL4	ARNU15GSBL4	ARNU18GSCL4	ARNU24GSCL4
Capacity	Cooling	Nom	kW	1.6	2.2	2.8	3.6	4.5	5.6	7.1
	Heating	Nom	kW	1.8	2.5	3.2	4.0	5.0	6.3	8.0
Power Input	Cooling	Nom	W	21.0	21.0	21.0	21.0	21.0	39.5	39.5
	Heating	Nom	W	21.0	21.0	21.0	21.0	21.0	39.5	39.5
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m^3/min	6.5/6.0/5.5	7.0/6.5/5.5	8.2/7.0/5.5	9.5/8.2/6.5	10.5/9.0/7.0	12.5/12.0/11.3	14.0/12.7/11.5
	Heating	H/M/L	m^3/min	6.5/6.0/5.5	7.0/6.5/5.5	8.2/7.0/5.5	9.5/8.2/6.5	10.5/9.0/7.0	12.5/12.0/11.3	14.0/12.7/11.5
Sound Pressure		H/M/L	dBA	30/29/28	32/30/28	34/32/28	37/34/30	40/36/32	38/35/33	43/39/35
Dimensions	Body	WxHxD	mm	895x289x215	895x289x215	895x289x215	895x289x215	895x289x215	1,030x325x255	1,030x325x255
Net Weight			kg(lbs)	10.0(22.0)	10.0(22.0)	10.0(22.0)	10.0(22.0)	10.0(22.0)	14.0(30.9)	14.0(30.9)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)
	Drain	I.D.	mm(inch)	16(5/8)	16(5/8)	16(5/8)	16(5/8)	16(5/8)	16(5/8)	16(5/8)

Note :
1. Capacities are based on the following conditions

Cooling - Indoor temp. 27°C(80.6°F)DB / 19°C(66.2°F)WB
Outdoor temp. 35°C(95°F)DB / 24°C(75.2°F)WB
Interconnecting piping length 7.5m
Level difference of zero

Heating - Indoor temp. 20°C(68°F)DB / 15°C(59°F)WB
Outdoor temp. 7°C(44.6°F)DB / 6°C(42.8°F)WB
Interconnecting piping length 7.5m
Level difference of zero

2. Due to our policy of innovation some specifications may be changed without notification

Accessories for Indoor Unit

Dry Contact	Simple (1 Contact Point with Case)	PDRYCB000
	2 Contact Point	PDRYCB400
	For Thermostat (On-Off / Mode / Fan Speed)	PDRYCB300
	Modbus Communication	PDRYCB500

Wired Remote Controller				Wireless Remote Controller
Premium	Standard II		Simple	Simple for Hotel	
					
PREMTA000 PREMTA000A PREMTA000B	PR EMTB001 (White)	PREMTBB01 (Black)	PQRCVCL0Q (Black) PQRCVCL0QW (White)	PQRCHCA0Q (Black) PQRCHCA0QW (White)	PQWRHQ0FDB

ACCESSORIES

LG HVAC CONTROL LINE UP

Individual Control

Wired Remote Controller

Premium

PREMTA000
PREMTA000A
PREMTA000B

Standard

PREMTB001

PREMTBB01

Simple

PQRCVCL0QW

PQRCVCL0Q

PQRCHCA0QW
(Simple for Hotel)

PQRCHCA0Q
(Simple for Hotel)

Wireless Remote Controller

PQWRHQ0FDB

Centralized Control

Indoor Unit ~ 32

AC Ez

PQCSZ250S0

Indoor Unit ~ 64

NEW AC Ez Touch

PACEZA000

Indoor Unit ~ 128

AC Smart IV

PACS4B000

Indoor Unit ~ 256

ACP IV

PACP4B000

Indoor Unit ~ 8,192

AC Manager IV

PACM4B000

Centralized Control

System Integration Device

Facility Integrator

PDI
(Power Distribution Indicator)

Premium (8port)
PQNUD1S40
Standard (2port)
PPWRDB000

ACS IO Module
(Input / Output Module)

PEXPMB000

DO Kit
(Digital Output Kit)

PQNFP00T0

Gateway for Protocol

ACP BACnet

PQNFB17C0

ACP Lonworks

PLNWKB000

PI-485

For Indoor Unit
(Air-Conditioner, ERV)
PHNFP14A0

For Indoor Unit
(Air-Conditioner, ERV)
PSNFP14A0

Other Integration Device

Indoor Unit

Dry Contact

Simple Dry Contact
PDRYCB000

2 Points Dry Contact
(For Setback)
PDRYCB400

Dry Contact for
Thermostat
PDRYCB300

For Modbus
PDRYCB500

Control Accessory

Group Control Wire

PZCWRCG3

Remote
Temperature Sensor

PQRSTA0

Zone Controller

4 Zones by thermostat
ABZCA

Outdoor Unit

IO Module
(Input / Output Module)

Demand controller
for MULTI V IV
PVDSMN000

Low Ambient Kit

For MULTI V IV
PRVC2

Dry Contact for
Demand Control

Demand controller for
MULTI V III
PQDSBCDVM0

Variable Water Flow
Control kit

For MULTI V WATER IV
PWFCKN000

For MULTI V WATER II
PRVC0

Cool / Heat Selector

PRDSBM

AHU Kit

Communication Kit

Return / Room
Air Control
PRCKA1

Supply Air Control
by DDC
PRDCA0

Control kit

PRCKD21E (~ 4 ODUs)
PRCKD41E (~ 8 ODUs)

EEV Kit
(Electronic Expansion Valve)

PRLK048A0 (~ 10HP)
PRLK096A0 (~ 20HP)

TXV Kit
(Thermal Expansion Valve)

PATX13A0E (8 ~ 16HP)
PATX20A0E (18 ~ 26HP)
PATX25A0E (28 ~ 36 HP)
PATX35A0E (38 ~ 46 HP)
PATX50A0E (48~56 HP)