

HP		42	44	46	48	50	
Model Name	Combination Unit	ARUM420LTE5	ARUM440LTE5	ARUM460LTE5	ARUM480LTE5	ARUM500LTE5	
	Independent Unit	ARUM240LTE5 ARUM180LTE5	ARUM240LTE5 ARUM200LTE5	ARUM240LTE5 ARUM220LTE5	ARUM240LTE5 ARUM240LTE5	ARUM240LTE5 ARUM140LTE5 ARUM120LTE5	
Capacity	Cooling (Rated)	kW	117.6	123.2	128.8	134.4	140.0
		Btu/h	401,300	420,400	439,500	458,600	477,700
	Heating (Rated)	kW	117.6	123.2	128.8	134.4	140.0
		Btu/h	401,300	420,400	439,500	458,600	477,700
	Heating (Max)	kW	131.0	137.3	143.6	148.5	156.2
		Btu/h	446,800	468,300	489,800	506,700	532,800
Input	Cooling (Rated)	kW	28.3	30.2	33.1	34.8	33.7
	Heating (Rated)	kW	26.0	28.1	30.0	31.8	30.9
	Heating (Max)	kW	30.7	33.5	35.6	37.6	36.8
EER		4.15	4.08	3.89	3.86	4.16	
ESEER		6.90	6.77	6.62	6.57	6.97	
ESEER (SLC)		8.05	7.86	7.96	8.05	8.23	
COP	COP (Rated)	4.52	4.39	4.29	4.23	4.54	
	COP (Max)	4.26	4.10	4.04	3.95	4.25	
Power Factor	Rated	0.93	0.93	0.93	0.93	0.93	
Casing Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	
Heat Exchanger		Ocean Black Fin	Ocean Black Fin	Ocean Black Fin	Ocean Black Fin	Ocean Black Fin	
Compressor	Type	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	
	Piston Displacement	cm <sup>3</sup> /rev	(62.1 × 3) + (43.8 × 1)	(62.1 × 3) + (43.8 × 1)	(62.1 × 3) + (43.8 × 1)	62.1 × 4	62.1 × 4
	Number of Revolution	rev/min	3,600 × 4	3,600 × 4	3,600 × 4	3,600 × 4	3,600 × 4
	Motor Output × Number	W × No.	(5,300 × 3) + (4,200 × 1)	(5,300 × 3) + (4,200 × 1)	(5,300 × 3) + (4,200 × 1)	5,300 × 4	5,300 × 4
	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	Propeller fan	Propeller fan	Propeller fan	Propeller fan	Propeller fan	
	Motor Output × Number	W	900 × 4	900 × 4	900 × 4	900 × 4	(900 × 4) + (1,200 × 1)
	Air Flow Rate (High)	m <sup>3</sup> /min	320 × 2	320 × 2	320 × 2	320 × 2	(320 × 2) + (240 × 1)
		ft <sup>3</sup> /min	11,301 × 2	11,301 × 2	11,301 × 2	11,301 × 2	(11,301 × 2) + (8,476 × 1)
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP	TOP
Pipe Connections For Heat Recovery	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas Pipe	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)
	High Pressure Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)	34.9(1-3/8)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections For Heat Pump	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Gas Pipe	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(W × H × D)	mm	(1,240 × 1,690 × 760) × 2	(1,240 × 1,690 × 760) × 2	(1,240 × 1,690 × 760) × 2	(1,240 × 1,690 × 760) × 2	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1	
	inch	(48-13/16 × 66-17/32 × 29-29/32) × 2	(48-13/16 × 66-17/32 × 29-29/32) × 2	(48-13/16 × 66-17/32 × 29-29/32) × 2	(48-13/16 × 66-17/32 × 29-29/32) × 2	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1	
Net Weight	kg	(310 × 1) + (300 × 1)	(310 × 1) + (300 × 1)	(310 × 1) + (300 × 1)	310 × 2	(310 × 1) + (237 × 1) + (215 × 1)	
	lbs	(683 × 1) + (661 × 1)	(683 × 1) + (661 × 1)	(683 × 1) + (661 × 1)	683 × 2	(683 × 1) + (522 × 1) + (474 × 1)	
Sound Pressure Level	Cooling	dB(A)	66.5	66.8	67.8	68.0	67.0
	Heating	dB(A)	68.2	68.9	69.3	70.0	68.6
Sound Power Level	Cooling	dB(A)	89.8	90.1	90.1	91.0	89.4
	Heating	dB(A)	91.5	91.8	92.1	93.0	91.3
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	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	No. × mm <sup>2</sup> (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 in factory	kg	33.0	33.0	33.0	34.0	40.0
		lbs	72.8	72.8	72.8	75.0	88.2
	GWP		2,087.5	2,087.5	2,087.5	2,087.5	2,087.5
	TCO <sub>eq</sub>		68.9	68.9	68.9	71.0	83.5
Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	∅, V, 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		64	64	64	64	64	

\* This product contains Fluorinated Greenhouse Gases. (R410A)

HP		52	54	56	58	60	
Model Name	Combination Unit	ARUM520LTE5	ARUM540LTE5	ARUM560LTE5	ARUM580LTE5	ARUM600LTE5	
	Independent Unit	ARUM240LTE5 ARUM160LTE5 ARUM120LTE5	ARUM240LTE5 ARUM180LTE5 ARUM120LTE5	ARUM240LTE5 ARUM200LTE5 ARUM120LTE5	ARUM240LTE5 ARUM220LTE5 ARUM120LTE5	ARUM240LTE5 ARUM240LTE5 ARUM120LTE5	
Capacity	Cooling (Rated)	kW	145.6	151.2	156.8	162.4	168.0
		Btu/h	496,800	515,900	535,000	554,100	573,200
	Heating (Rated)	kW	145.6	151.2	156.8	162.4	168.0
		Btu/h	496,800	515,900	535,000	554,100	573,200
	Heating (Max)	kW	162.5	168.8	175.1	181.4	186.3
		Btu/h	554,300	575,800	597,300	618,800	635,700
Input	Cooling (Rated)	kW	35.9	35.9	37.8	40.7	42.4
	Heating (Rated)	kW	33.0	32.9	34.9	36.9	38.6
	Heating (Max)	kW	39.4	39.0	41.7	43.8	45.9
EER		4.06	4.21	4.15	3.99	3.96	
ESEER		6.76	7.02	6.91	6.78	6.73	
ESEER (SLC)		8.08	8.17	8.01	8.08	8.15	
COP	COP (Rated)	4.41	4.60	4.49	4.40	4.35	
	COP (Max)	4.12	4.33	4.19	4.14	4.06	
Power Factor	Rated	0.93	0.93	0.93	0.93	0.93	
Casing Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	
Heat Exchanger		Ocean Black Fin	Ocean Black Fin	Ocean Black Fin	Ocean Black Fin	Ocean Black Fin	
Compressor	Type	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	
	Piston Displacement	cm <sup>3</sup> /rev	62.1 × 4	(62.1 × 4) + (43.8 × 1)	(62.1 × 4) + (43.8 × 1)	(62.1 × 4) + (43.8 × 1)	62.1 × 5
	Number of Revolution	rev/min	3,600 × 4	3,600 × 5	3,600 × 5	3,600 × 5	3,600 × 5
	Motor Output × Number	W × No.	5,300 × 4	(5,300 × 4) + (4,200 × 1)	(5,300 × 4) + (4,200 × 1)	(5,300 × 4) + (4,200 × 1)	5,300 × 5
	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	Propeller fan	Propeller fan	Propeller fan	Propeller fan	Propeller fan	
	Motor Output × Number	W	(900 × 4) + (1,200 × 1)	(900 × 4) + (1,200 × 1)	(900 × 4) + (1,200 × 1)	(900 × 4) + (1,200 × 1)	(900 × 4) + (1,200 × 1)
	Air Flow Rate (High)	m <sup>3</sup> /min	(320 × 2) + (240 × 1)	(320 × 2) + (240 × 1)	(320 × 2) + (240 × 1)	(320 × 2) + (240 × 1)	(320 × 2) + (240 × 1)
		ft <sup>3</sup> /min	(11,301 × 2) + (8,476 × 1)	(11,301 × 2) + (8,476 × 1)	(11,301 × 2) + (8,476 × 1)	(11,301 × 2) + (8,476 × 1)	(11,301 × 2) + (8,476 × 1)
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP	TOP
Pipe Connections For Heat Recovery	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)	
	Low Pressure Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	
	High Pressure Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)	34.9(1-3/8)	34.9(1-3/8)	
Pipe Connections For Heat Pump	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)	
	Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	
Dimensions(W × H × D)	mm	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1	
	inch	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1	
Net Weight	kg	(310 × 1) + (237 × 1) + (215 × 1)	(310 × 1) + (300 × 1) + (215 × 1)	(310 × 1) + (300 × 1) + (215 × 1)	(310 × 1) + (300 × 1) + (215 × 1)	(310 × 2) + (215 × 1)	
	lbs	(683 × 1) + (522 × 1) + (474 × 1)	(683 × 1) + (661 × 1) + (474 × 1)	(683 × 1) + (661 × 1) + (474 × 1)	(683 × 1) + (661 × 1) + (474 × 1)	(683 × 2) + (474 × 1)	
Sound Pressure Level	Cooling	dB(A)	67.1	67.2	67.4	68.3	68.5
	Heating	dB(A)	68.7	68.8	69.5	69.8	70.4
Sound Power Level	Cooling	dB(A)	89.6	90.1	90.4	90.4	91.3
	Heating	dB(A)	91.5	91.8	92.0	92.4	93.2
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	No. × mm <sup>2</sup> (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 in factory	kg	40.0	42.5	42.5	42.5	43.5
		lbs	88.2	93.7	93.7	93.7	95.9
	GWP		2,087.5	2,087.5	2,087.5	2,087.5	2,087.5
	TCO <sub>eq</sub>		83.5	88.7	88.7	88.7	90.8
Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	∅, V, 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		64	64	64	64	64	

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