

HP		8	10	12	14	16	
Model Name	Combination Unit	ARUM080LTE5	ARUM100LTE5	ARUM120LTE5	ARUM140LTE5	ARUM160LTE5	
	Independent Unit	ARUM080LTE5	ARUM100LTE5	ARUM120LTE5	ARUM140LTE5	ARUM160LTE5	
Capacity	Cooling (Rated)	kW	22.4	28.0	33.6	39.2	44.8
		Btu/h	76,400	95,500	114,600	133,800	152,900
	Heating (Rated)	kW	22.4	28.0	33.6	39.2	44.8
		Btu/h	76,400	95,500	114,600	133,800	152,900
	Heating (Max)	kW	25.2	31.5	37.8	44.1	50.4
		Btu/h	86,000	107,500	129,000	150,500	172,000
Input	Cooling (Rated)	kW	4.49	5.80	7.58	8.68	10.89
	Heating (Rated)	kW	3.97	4.92	6.85	8.13	10.28
	Heating (Max)	kW	4.78	5.92	8.26	9.72	12.39
EER		4.99	4.83	4.43	4.52	4.11	
ESEER		8.41	8.13	7.47	7.33	6.59	
ESEER (SLC)		9.46	9.15	8.60	8.26	7.79	
COP	COP (Rated)	5.64	5.69	4.91	4.82	4.36	
	COP (Max)	5.27	5.32	4.58	4.54	4.07	
Power Factor	Rated	-	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 ³ /rev	43.8	62.1	62.1	62.1	
	Number of Revolution	rev/min	3,600	3,600	3,600	3,600	
	Motor Output × Number	W × No.	4,200 × 1	5,300 × 1	5,300 × 1	5,300 × 1	
	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	Propeller fan	
	Motor Output × Number	W	1,200 × 1	1,200 × 1	1,200 × 1	900 × 2	
	Air Flow Rate (High)	m ³ /min	240 × 1	240 × 1	240 × 1	320 × 1	
		ft ³ /min	8,476 × 1	8,476 × 1	8,476 × 1	11,301 × 1	
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER	
Pipe Connections For Heat Recovery	Liquid Pipe	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)	12.7(1/2)	
	Low Pressure Gas Pipe	mm(inch)	19.05(3/4)	22.2(7/8)	28.58(1-1/8)	28.58(1-1/8)	
	High Pressure Gas Pipe	mm(inch)	15.88(5/8)	19.05(3/4)	19.05(3/4)	22.2(7/8)	
Pipe Connections For Heat Pump	Liquid Pipe	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)	12.7(1/2)	
	Gas Pipe	mm(inch)	19.05(3/4)	22.2(7/8)	28.58(1-1/8)	28.58(1-1/8)	
Dimensions(W × H × D)	mm	(930 × 1,690 × 760) × 1	(930 × 1,690 × 760) × 1	(930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1	
	inch	(36-5/8 × 66-17/32 × 29-29/32) × 1	(36-5/8 × 66-17/32 × 29-29/32) × 1	(36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1	
Net Weight	kg	198 × 1	215 × 1	215 × 1	237 × 1	237 × 1	
	lbs	437 × 1	474 × 1	474 × 1	522 × 1	522 × 1	
Sound Pressure Level	Cooling	dB(A)	58.0	58.0	59.0	60.5	
	Heating	dB(A)	59.0	59.0	60.0	61.5	
Sound Power Level	Cooling	dB(A)	77.0	78.0	79.0	82.0	
	Heating	dB(A)	78.0	79.0	80.0	85.0	
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 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	
	Precharged Amount in factory	kg	7.5	9.5	9.5	13.5	
		lbs	16.5	20.9	20.9	29.8	
	GWP		2,087.5	2,087.5	2,087.5	2,087.5	
	TCO _{eq}		15.7	19.8	19.8	28.2	
Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve		
Power Supply	Ø, 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		13(20)	16(25)	20(30)	23(35)	26(40)	

* This product contains Fluorinated Greenhouse Gases. (R410A)

HP		18	20	22	22'	24	
Model Name	Combination Unit	ARUM180LTE5	ARUM200LTE5	ARUM220LTE5	ARUM221LTE5	ARUM240LTE5	
	Independent Unit	ARUM180LTE5	ARUM200LTE5	ARUM220LTE5	ARUM120LTE5 ARUM100LTE5	ARUM240LTE5	
Capacity	Cooling (Rated)	kW	50.4	56.0	61.6	61.6	67.2
		Btu/h	172,000	191,100	210,200	210,200	229,300
	Heating (Rated)	kW	50.4	56.0	61.6	61.6	67.2
		Btu/h	172,000	191,100	210,200	210,200	229,300
	Heating (Max)	kW	56.7	63.0	69.3	69.3	74.3
		Btu/h	193,500	215,000	236,500	236,500	253,400
Input	Cooling (Rated)	kW	10.91	12.77	15.70	13.4	17.40
	Heating (Rated)	kW	10.12	12.20	14.15	11.8	15.89
	Heating (Max)	kW	11.94	14.69	16.76	14.2	18.80
EER		4.62	4.39	3.92	4.60	3.86	
ESEER		7.40	7.03	6.68	7.76	6.57	
ESEER (SLC)		8.11	7.70	7.87	8.84	8.05	
COP	COP (Rated)	4.98	4.59	4.35	5.23	4.23	
	COP (Max)	4.75	4.29	4.13	4.89	3.95	
Power Factor	Rated	-	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 ³ /rev	62.1 × 1 + 43.8 × 1	62.1 × 1 + 43.8 × 1	62.1 × 1 + 43.8 × 1	62.1 × 2	
	Number of Revolution	rev/min	3,600 × 2	3,600 × 2	3,600 × 2	3,600 × 2	
	Motor Output × Number	W × No.	5,300 × 1 + 4,200 × 1	5,300 × 1 + 4,200 × 1	5,300 × 1 + 4,200 × 1	5,300 × 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	Propeller fan	
	Motor Output × Number	W	900 × 2	900 × 2	900 × 2	(1,200 × 1) + (1,200 × 1)	
	Air Flow Rate (High)	m ³ /min	320 × 1	320 × 1	320 × 1	(240 × 1) + (240 × 1)	
		ft ³ /min	11,301 × 1	11,301 × 1	11,301 × 1	(8,476 × 1) + (8,476 × 1)	
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER	
Pipe Connections For Heat Recovery	Liquid Pipe	mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	
	Low Pressure Gas Pipe	mm(inch)	28.58(1-1/8)	28.58(1-1/8)	28.58(1-1/8)	34.9(1-3/8)	
	High Pressure Gas Pipe	mm(inch)	22.2(7/8)	22.2(7/8)	28.58(1-1/8)	28.58(1-1/8)	
Pipe Connections For Heat Pump	Liquid Pipe	mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	
	Gas Pipe	mm(inch)	28.58(1-1/8)	28.58(1-1/8)	28.58(1-1/8)	34.9(1-3/8)	
Dimensions(W × H × D)	mm	(1,240 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1	(930 × 1,690 × 760) × 1 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1	
	inch	(48-13/16 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1	(36-5/8 × 66-17/32 × 29-29/32) × 1 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1	
Net Weight	kg	300 × 1	300 × 1	300 × 1	(215 × 1) + (215 × 1)	310 × 1	
	lbs	661 × 1	661 × 1	661 × 1	(474 × 1) + (474 × 1)	683 × 1	
Sound Pressure Level	Cooling	dB(A)	61.0	62.0	64.5	65.0	
	Heating	dB(A)	62.0	64.5	65.5	67.0	
Sound Power Level	Cooling	dB(A)	85.0	86.0	86.0	81.5	
	Heating	dB(A)	86.0	87.0	88.0	82.5	
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 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	
	Precharged Amount in factory	kg	16.0	16.0	16.0	19.0	
		lbs	35.3	35.3	35.3	41.9	
	GWP		2,087.5	2,087.5	2,087.5	2,087.5	
	TCO _{eq}		33.4	33.4	33.4	39.7	
Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve		
Power Supply	Ø, 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		29(45)	32(50)	35(44)	35(44)	39(48)	

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