

MULTI V 5



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ARUM080LTE5 / ARUM100LTE5 / ARUM120LTE5 / ARUM140LTE5 / ARUM160LTE5



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
	Heating (Rated) kW	22.4	28.0	33.6	39.2	44.8
	Heating (Max) kW	25.2	31.5	37.8	44.1	50.4
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
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	Motor Output x Number	4,200 x 1	5,300 x 1	5,300 x 1	5,300 x 1	5,300 x 1
	Type	Propeller fan	Propeller fan	Propeller fan	Propeller fan	Propeller fan
Fan	Air Flow Rate (High) m ³ /min	240 x 1	240 x 1	240 x 1	320 x 1	320 x 1
	Drive	DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
Liquid Pipe	mm (inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)	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)	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)	22.2(7/8)
Dimensions (W x H x D)	mm	(930 x 1,690 x 760) x 1	(930 x 1,690 x 760) x 1	(930 x 1,690 x 760) x 1	(1,240 x 1,690 x 760) x 1	(1,240 x 1,690 x 760) x 1
Net Weight	kg	198 x 1	215 x 1	215 x 1	237 x 1	237 x 1
Sound Pressure Level	Cooling dB(A)	58.0	58.0	59.0	60.0	60.5
	Heating dB(A)	59.0	59.0	60.0	61.0	61.5
Sound Power Level	Cooling dB(A)	77.0	78.0	79.0	82.0	83.0
	Heating dB(A)	78.0	79.0	80.0	84.0	85.0
Communication Cable	No. x mm ² (VCTF-SB)	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5
Refrigerant	Refrigerant name	R410A	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		2087.5	2087.5	2087.5	2087.5
	t-CO ₂ eq		15.7	19.8	19.8	28.2
Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Refrigerant Oil	Type	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Charge	cc	3,900	3,900	3,900	3,900
Power Supply		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)

ARUM180LTE5 / ARUM200LTE5 / ARUM220LTE5 / ARUM221LTE5 / ARUM240LTE5



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
	Heating (Rated) kW	50.4	56.0	61.6	61.6	67.2
	Heating (Max) kW	56.7	63.0	69.3	69.3	74.3
Input		Btu/h	193,500	215,000	236,500	236,500
	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
EER		11.94	14.69	16.76	14.2	18.80
		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
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	Motor Output x Number	W x No.	5,300 x 1 + 4,200 x 1	5,300 x 1 + 4,200 x 1	5,300 x 1 + 4,200 x 1	5,300 x 2
	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
Fan	Air Flow Rate (High) m ³ /min		320 x 1	320 x 1	320 x 1	(240 x 1) + (240 x 1)
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
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)	28.58(1-1/8)
High Pressure Gas Pipe	mm (inch)		22.2(7/8)	22.2(7/8)	28.58(1-1/8)	28.58(1-1/8)
Dimensions (W x H x D)	mm		(1,240 x 1,690 x 760) x 1	(1,240 x 1,690 x 760) x 1	(1,240 x 1,690 x 760) x 1	(930 x 1,690 x 760) x 1 + (930 x 1,690 x 760) x 1
Net Weight	kg		300 x 1	300 x 1	300 x 1	(215 x 1) + (215 x 1)
Sound Pressure Level	Cooling dB(A)		61.0	62.0	64.5	61.5
	Heating dB(A)		62.0	64.5	65.5	62.5
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
Communication Cable	No. x mm ² (VCTF-SB)		2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 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		2087.5	2087.5	2087.5	2087.5
	t-CO ₂ eq		33.4	33.4	33.4	39.7
Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Refrigerant Oil	Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
	Charge	cc	5,200	5,200	5,200	7,800
Power Supply			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			29(45)	32(50)	35(44)	35(44)

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