

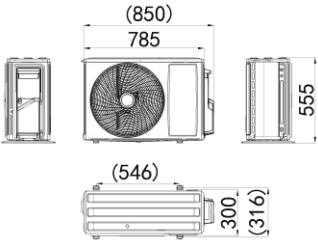
Specification

Model			14K	18K	21K
DC INVERTER Model			AM2-H14/4DR3C	AM2-H18/4DR3C	AM3-H21/4DR3C
System Format			1 drive 2	1 drive 2	1 drive 3
Capacity	Cooling	Btu/h	13989(6142~15388)	18084(6824~19892)	21154(7506~22895)
		kW	4.1(1.8~4.51)	5.3(2.0~5.83)	6.2(2.2~6.71)
	Heating	Btu/h	15354(6995~18015)	19107(7541~21017)	22519(8155~24771)
		kW	4.5(2.05~5.28)	5.6(2.21~6.16)	6.6(2.39~7.26)
Electric Data	Power Supply		V~,Hz,Ph	220~240,50,1	220~240,50,1
	Cooling Power Input		W	1240(198~2100)	1640(280~2300)
	Heating Power Input		W	1150(198~2100)	1480(280~2300)
	Rated Current (cooling&heating)		A	5.39/5.00	7.13/6.43
Performance	SEER/SCOP		W/W	6.15/4.12	6.13/4.19
	Energy Rate			A++/A+	A++/A+
	EER/COP		W/W	3.31/3.91	3.23/3.78
	Air Flow Volume		m³/h	2600	2600
	Sound Pressure Noise Level		dB(A)	53	54
	Sound Power Noise Level		dB(A)	63	64
Dimension	Net (W*D*H)		mm	785×300×555	900×350×700
	Packing (W*D*H)		mm	900×380×615	1015×415×755
Weight	Net/Gross		kg	30/32.5	41.5/45
Piping	Liquid Side		mm(inch)	2×6.35(1/4)	2×6.35(1/4)
	Gas Side		mm(inch)	2×9.52(3/8)	2×9.52(3/8)
	Max. length for all rooms(m)		m	40	40
	Max. length for one IDU(m)		m	25	25
	Max. height difference between IDU and OU(m)		m	15	15
	Max. height difference between IDUs(m)		m	10	10
Ambient Temp (Cooling/Heating)		℃	-10~52℃/-15~24℃	-10~52℃/-15~24℃	-10~52℃/-15~24℃
Stuffing Quantity	20/40/40H		unit	114/237/316	90/189/189

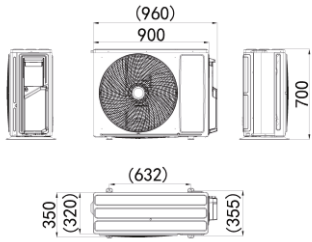
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Dimension

AM2-H14/4DR3C、AM2-H18/4DR3C



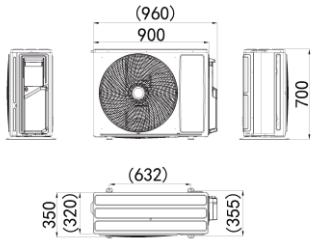
AM3-H21/4DR3C



Model			27K	28k	36K	42K
DC INVERTER Model			AM3-H27/4DR3C	AM4-H28/4DR3C	AM4-H36/4DR3	AM5-H42/4DR3
System Format			1 drive 3	1 drive 4	1 drive 4	1 drive 5
Capacity	Cooling	Btu/h	26955(7848~29650)	27978(8530~35007)	35826(8530~37532)	40944(9451~43332)
		kW	7.9(2.3~8.69)	8.2(2.5~10.26)	10.50(2.5~11.0)	12(2.77~12.7)
	Heating	Btu/h	27978(8359~30776)	29991(9110~34598)	37532(9110~38214)	44356(10100~44800)
		kW	8.2(2.45~9.02)	8.79(2.67~10.14)	11.00(2.67~ 11.2)	13(2.96~13.1)
Electric Data	Power Supply		V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling Power Input		W	2440(560~3400)	2500(270~3340)	3950(680~4930)
	Heating Power Input		W	2210(560~3400)	2200(340~3100)	3150(530~3850)
Performance	SEER/SCOP		W/W	6.19/4.08(F)	/	6.15/4.12(F)
	Energy Rate			A++/A+	A++/A+	A++/A+
	EER/COP		W/W	3.23/3.71	3.28/4.00	2.66/3.49
	Air Flow Volume		m3/h	4100	4000	4000
	Sound Pressure Noise Level		dB(A)	57	59	61
	Sound Power Noise Level		dB(A)	67	70	70
Dimension	Net Dimension (W*D*H)		mm	900×350×700	985×395×808	985×395×808
	Packing Dimension (W*D*H)		mm	1015×415×755	1105×495×895	1105×495×895
Weight	Net		kg	44.5	65.5	74
	Gross		kg	48	70.5	78
Piping	Liquid Side		mm(inch)	3×6.35(1/4)	4×6.35(1/4)	4×6.35(1/4)
	Gas Side		mm(inch)	3×9.52(3/8)	4×9.52(3/8)	4×9.52(3/8)
	Max. length for all rooms (m)		m	60	80	80
	Max. length for one IDU (m)		m	30	35	35
	Max. height difference between IDU and OU (m)		m	15	15	15
	Max. height difference between IDUs (m)		m	10	10	10
Ambient Temp (Cooling/Heating)		℃	-10~52℃/-15~24℃	-10~52℃/-15~24℃	-10~52℃/-15~24℃	-10~52℃/-15~24℃
Stuffing Quantity	20/40/40H		unit	90/189/189	44/92/96	44/92/96

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AM3-H27/4DR3C



AM4-H28/4DR3C、AM4-H36/4DR3
AM5-H42/4DR3

