

Outdoor Units



Specification-R410A 50Hz DC Inverter

Model	Outdoor Unit		AM2-H14/4DR1	AM2-H18/4DR1B	AM3-H21/4DR1
System Format			1 drive 2	1 drive 2	1 drive 3
Capacity	Cooling/Heating	Btu/h	13989(6142~15388)/16378(6995~18015)	18084(6824~19892)/19107(7541~21017)	21160(7506~22895)/22519(8155~24771)
		kW	4.10(1.80~4.51)/4.80(2.05~5.28)	5.30(2.0~5.83)/5.60(2.21~6.16)	6.2(2.2~6.71)/6.60(2.39~7.26)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	1240/1150	1750/1540	1920/1780
	Rated Current(cooling&heating)	A	5.4/5.0	7.6/6.7	8.3/7.8
Performance	SEER/SCOP	W/W	6.16/4.14	6.20/4.14	6.16/4.09
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m ³ /h	2100	2100	2700
	Sound Pressure Noise Level	dB(A)	54	55	56
Dimension (W×D×H)	Net	mm	800×286×535	800×286×530	822×302×655
	Packing	mm	920×400×620	920×400×620	945×430×725
Weight	Net/Gross	kg	34/37	36/39	44/47
	Liquid Side	mm(inch)	2×6.35(1/4)	2×6.35(1/4)	3×6.35(1/4)
Piping size	Gas Side	mm(inch)	2×9.52(3/8)	2×9.52(3/8)	3×9.52(3/8)
	Max.Pipe Length Between IDU to ODU	m	25	25	30
Max.Height Difference Between ODU to IDU	m	15	15	15	
Ambient temperature	Cooling/Heating	°C	-10~52/-15~24	-10~52/-15~24	-10~52/-15~24
Stuffing Quantity	20/40/40H	unit	102/219/292	102/219/292	102/210/210

Specification-R410A 50Hz DC Inverter

Model	Outdoor Unit		AM3-H27/4DR1B	AM4-H36/4DR1B	AM5-H42/4DR1B
System Format			1 drive 3	1 drive 4	1 drive 5
Capacity	Cooling/Heating	Btu/h	26955(7848~29650)/27978(8359~30776)	35826(8530~37532)/37532(9110~38214)	40944(9451~43332)/44356(10100~44800)
		kW	7.90(2.3~8.69)/8.20(2.45~9.02)	10.5(2.5~11.0)/11.0(2.67~11.2)	12.1(2.77~12.8)/13.0(2.96~13.1)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	2460/2270	3600/3400	4450/3800
	Rated Current(cooling&heating)	A	10.7/9.8	15.97/15.08	19.74/16.86
Performance	SEER/SCOP	W/W	6.23/4.04	6.14/4.07	6.14/4.10
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m ³ /h	2700	4000	4200
	Sound Pressure Noise Level	dB(A)	58	61	61
Dimension (W×D×H)	Net	mm	822×302×655	985×395×808	985×395×808
	Packing	mm	945×430×725	1105×495×895	1105×495×895
Weight	Net/Gross	kg	46/49	76.5/81.5	78.5/83.5
	Liquid Side	mm(inch)	3×6.35(1/4)	4×6.35(1/4)	5×6.35(1/4)
Piping size	Gas Side	mm(inch)	3×9.52(3/8)	4×9.52(3/8)	5×9.52(3/8)
	Max.Pipe Length Between IDU to ODU	m	30	35	35
Max.Height Difference Between ODU to IDU	m	15	15	15	
Ambient temperature	Cooling/Heating	°C	-10~52°C/-15~24°C	-15~52°C/-15~24°C	-15~52°C/-15~24°C
Stuffing Quantity	20/40/40H	unit	102/210/210	44/96/144	44/96/144

★ Remark:The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Outdoor Units



Specification-R32 50Hz DC Inverter



Model	Outdoor Unit		AM2-H14/4DR3	AM2-H18/4DR3	AM3-H21/4DR3
System Format			1 drive 2	1 drive 2	1 drive 3
Capacity	Cooling/Heating	Btu/h	13989(6142~15388)/16378(6995~18015)	18084(6824~19892)/19107(7541~21017)	21154(7506~22895)/22519(8155~24771)
		kW	4.1(1.8~4.51)/4.8(2.05~5.28)	5.3(2.0~5.83)/5.6(2.21~6.16)	6.2(2.2~6.71)/6.6(2.39~7.26)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	1240/ 1150	1750/ 1540	1920/ 1780
	Rated Current(cooling&heating)	A	5.4/5	7.6/6.7	8.3/7.8
Performance	SEER/SCOP	W/W	6.16/4.06	7.07/4.08	6.57/4.39
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m ³ /h	2300	2300	3100
	Sound Pressure Noise Level	dB(A)	54	55	56
Dimension (W×D×H)	Net	mm	800×315×545	800×315×545	834×328×655
	Packing	mm	920×400×620	920×400×620	945×435×725
Weight	Net/Gross	kg	34/37	36/39	44/47
	Liquid Side	mm(inch)	2×6.35(1/4)	2×6.35(1/4)	3×6.35(1/4)
Piping size	Gas Side	mm(inch)	2×9.52(3/8)	2×9.52(3/8)	3×9.52(3/8)
	Max.Pipe Length Between IDU to ODU	m	25	25	30
Max.Height Difference Between ODU to IDU	m	15	15	15	
Ambient temperature	Cooling/Heating	°C	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24
Stuffing Quantity	20/40/40H	unit	102/219/292	102/219/292	96/198/198

Specification-R32 50Hz DC Inverter



Model	Outdoor Unit		AM3-H27/4DR3	AM4-H36/4DR3	AM5-H42/4DR3
System Format			1 drive 3	1 drive 4	1 drive 5
Capacity	Cooling/Heating	Btu/h	26955(7848~29650) /27978(8359~30776)	35826(8530~37532)/37532(9110~38214)	40944(9451~43332)/44356(10100~44800)
		kW	7.9(2.3~8.69)/8.2(2.45~9.02)	10.50(2.5~11.0)/11.00(2.67~11.2)	12(2.77~12.7)/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/Heating Power Input	W	2460/ 2270	3950/3150	4450/3750
	Rated Current(cooling&heating)	A	10.7/9.8	17.5/13.96	19.72/16.62
Performance	SEER/SCOP	W/W	6.30/4.04	6.14/4.06	6.14/4.11
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m ³ /h	3100	4000	4200
	Sound Pressure Noise Level	dB(A)	58	61	61
Dimension (W×D×H)	Net	mm	834×328×655	985×395×808	985×395×808
	Packing	mm	945×435×725	1105×495×895	1105×495×895
Weight	Net/Gross	kg	46/49	74/78	75/79
	Liquid Side	mm(inch)	3×6.35(1/4)	4×6.35(1/4)	5×6.35(1/4)
Piping size	Gas Side	mm(inch)	3×9.52(3/8)	4×9.52(3/8)	5×9.52(3/8)
	Max.Pipe Length Between IDU to ODU	m	30	35	35
Max.Height Difference Between ODU to IDU	m	15	15	15	
Ambient temperature	Cooling/Heating	°C	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24
Stuffing Quantity	20/40/40H	unit	96/198/198	44/96/144	44/96/144

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