

# Outdoor Units



## Specification-R410A 50Hz DC Inverter

Model	Outdoor Unit		AM2-H14/4DR1	AM2-H18/4DR1B	AM3-H21/4DR1
<b>System Format</b>			<b>1 drive 2</b>		<b>1 drive 3</b>
Capacity	Cooling/Heating	Btu/h kW	13989(6142~15388)/16378(6995~18015)	18084(6824~19892)/19107(7541~21017)	20813(7506~22895)/22519(8155~24771)
			4.10(1.80~4.51)/4.80(2.05~5.28)	5.30(2.0~5.83)/5.60(2.21~6.16)	6.1(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	m³/h	2100	2100	2700
	Sound Pressure Noise Level	dB(A)	54	55	56
Dimension (WxDxH)	Net	mm	800×315×545	800×315×545	825×310×655
	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	-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-H36/4DR1	AM5-H42/4DR1
<b>System Format</b>			<b>1 drive 3</b>		<b>1 drive 5</b>
Capacity	Cooling/Heating	Btu/h kW	26955(7848~29650)/27978(8359~30776)	35826(8530~37532)/37532(9110~38214)	40944(9451~43332)/44356(10100~44800)
			7.90(2.3~8.69)/8.20(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	3750/3000	4230/3570
	Rated Current(cooling&heating)	A	10.7/9.8	16.4/12.15	18.72/16.12
Performance	SEER/SCOP	W/W	6.23/4.04	6.10/4.00	6.10/4.10
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m³/h	2700	4000	4200
	Sound Pressure Noise Level	dB(A)	58	61	61
Dimension (WxDxH)	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	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	-10~52/-15~24	-15~52/-15~24	-15~52/-15~24
Stuffing Quantity	20/40/40H	unit	102/210/210	62/132/198	62/132/198

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

# Indoor Units

## Specification-R32 Wall Mounted L Type



Model	Indoor unit		AMWM-H07/4R3(L*)	AMWM-H09/4R3(L*)	AMWM-H12/4R3(L*)	AMWM-H18/4R3(L*)
Capacity	Cooling/Heating	Btu/h	7165(3855~9220)/7510(3340~8530)	8701(3412~11260)/9042(3753~11260)	12283(4094~12966)/12624(3412~12966)	18083(6483~18766)/18425(4777~19107)
		kW	2.05(1.13~2.70)/2.15(0.98~2.50)	2.55(1.00~3.30)/2.65(1.10~3.30)	3.50(1.20~3.80)/3.50(1.00~3.80)	5.30(1.90~5.50)/5.40(1.40~5.60)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	40(12~68)/40(12~68)	40(12~68)/40(12~68)	40(12~68)/40(12~68)	63(16~88)/63(16~88)
	Air Flow Volume	m³/h	650/450/395	650/450/395	650/450/395	1000/860/688
Performance	Sound Pressure Noise Level	dB(A)	40/38/34	41/38/34	42/40/36	48/42/35
	Sound Power Noise Level	dB(A)	51	54	53	58
	Net	mm	800×300×198	800×300×198	800×300×198	970×315×235
Dimension (WxDxH)	Packing	mm	870×370×282	870×370×282	870×370×282	1047×385×317
	Net/Gross	kg	9/10.5	9/10.5	9/10.5	12.5/14.5
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	12.7(1/2)
Weight	Drainage	mm(inch)	16.5	16.5	16.5	16.5
	Stuffing Quantity	20/40/40H	unit	320/680/765	320/680/765	320/680/765

## Specification-R32 Wall Mounted F Type



Model	Indoor unit		AMWM-H07/4R3(F*)	AMWM-H09/4R3(F*)	AMWM-H12/4R3(F*)
Capacity	Cooling/Heating	Btu/h	7165(3855~9220)/7510(3340~8530)	9000(4780~11260)/9215(4095~10240)	12285(5800~12625)/12625(5120~12625)
		kW	2.05(1.13~2.70)/2.15(0.98~2.50)	2.58(1.40~3.30)/2.70(1.20~3.00)	3.50(1.70~3.70)/3.50(1.50~3.70)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	40(12~68)/40(12~68)	40(12~68)/40(12~68)	40(12~68)/40(12~68)
	Air Flow Volume	m³/h	600/480/370	600/480/370	600/480/370
Performance	Sound Pressure Noise Level	dB(A)	40/38/34	40/38/34	42/40/36
	Sound Power Noise Level	dB(A)	51	54	52
	Net	mm	750×285×200	750×285×200	750×285×200
Dimension (WxDxH)	Packing	mm	820×347×277	820×347×277	820×347×277
	Net/Gross	kg	7.5/9	7.5/9	8/10
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)
Weight	Drainage	mm(inch)	16.5	16.5	16.5
	Stuffing Quantity	20/40/40H	unit	384/768/864	384/768/864

Model	Indoor unit		AMWM-H18/4R3(F*)	AMWM-H24/4R3(F*)
Capacity	Cooling/Heating	Btu/h	17747(8530~19790)/18085(7680~19790)	23986(9895~24908)/24054(7165~27296)
		kW	5.27(2.50~5.80)/5.37(2.25~5.80)	7.03(2.90~7.30)/7.05(2.10~8.00)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	63(16~88)/63(16~88)	63(16~88)/63(16~88)
	Air Flow Volume	m³/h	850/800/680	1150/950/750
Performance	Sound Pressure Noise Level	dB(A)	45/42/35	49/42/35
	Sound Power Noise Level	dB(A)	57	60
	Net	mm	900×310×225	1082×330×233
Dimension (WxDxH)	Packing	mm	970×382×302	1155×397×312
	Net/Gross	kg	12/14	15/16.5
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	15.88(5/8)
Weight	Drainage	mm(inch)	16.5	16.5
	Stuffing Quantity	20/40/40H	unit	252/518/592

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