

M-DESIGN R32



A++
COOLING
SEER 6.3

A+
HEATING
SCOP 4.0



3D DC Inverter



R32 refrigerant



Heating at -15°C



Wi-Fi ready



I feel



Turbo



Auto operation



Memory function



Self diagnosis



Sleep function



24 Timer



Emergency Using



Bio Filter



Dust Filter



1W Standby



Louver Position Memory



Mute Operation



Valve Cover



Intelligent Defrosting



2-Way Draining



Digital Display



Refrigerant Leakage Detect



Heating at 8°C

Model		ACP-09CH25AEMIS R32	ACP-12CH35AEMIS R32	ACP-18CH50AEMI R32	ACP-24CH70AEMI R32
Capacity	Cooling	2638(909~3400) W	3517(1114~4162) W	5280 (1820~6130) W	7030 (2080~7948) W
	Heating	2930 (820~3370) W	3810 (1084~4220) W	5570 (1380~6740) W	7330 (1610~8790) W
Refrigerant		R32	R32	R32	R32
Energy efficiency class	Cooling	A++	A++	A++	A++
	Heating	A+	A+	A+	A+
Energy efficiency	SEER	6.3	6.1	7.1	6.1
	SCOP	4.0	4.0	4.0	4.0
Design load for heating	(P design h)	2600 W	2700 W	4100 W	4800 W
Input power	Cooling	732 W	1213 W	1539 W	2345 W
	Heating	733 W	1088 W	1480 W	2035 W
Airflow		≤466 m³/h	≤540 m³/h	≤840 m³/h	≤980 m³/h
Dehumidifying capacity		1.0 L/h	1.2 L/h	1.8 L/h	2.4 L/h
Sound pressure level	Indoor unit	25≤38.5 dB(A)	25≤40.5 dB(A)	26.5≤42 dB(A)	34.5≤44.5 dB(A)
	Outdoor unit	≤55.5 dB(A)	≤56 dB(A)	≤56 dB(A)	≤59.5 dB(A)
Sound power level	Indoor unit	≤54 dB	≤55 dB	≤55 dB	≤59 dB
	Outdoor unit	≤62 dB	≤63 dB	≤61 dB	≤67 dB
Outer Diameter of Liquid Pipe		1/4"	1/4"	1/4"	3/8"
Outer Diameter of Gas Pipe		3/8"	3/8"	1/2"	5/8"
Connection wire		5x1.5 mm²	5x1.5 mm²	5x1.5 mm²	5x2.5 mm²
Connection wire IU/OU ~220-240V/1/50Hz		3x1.5 mm²	3x1.5 mm²	3x1.5 mm²	3x2.5 mm²
Max. length of pipe		25 m	25 m	30 m	50 m
Max elevation		10 m	10 m	20 m	25 m
Standard length		5 m	5 m	5 m	5 m
Additional refrigerant		12 g/m	12 g/m	12 g/m	24 g/m
Wall bracket distance (outdoor)		450 mm	450 mm	514 mm	540 mm
Working range		-15°C≤T≤50°C	-15°C≤T≤50°C	-15°C≤T≤50°C	-15°C≤T≤50°C
Working range at cooling mode		-15°C≤T≤50°C	-15°C≤T≤50°C	-15°C≤T≤50°C	-15°C≤T≤50°C
Working range at heating mode		-15°C≤T≤30°C	-15°C≤T≤30°C	-15°C≤T≤30°C	-15°C≤T≤30°C
Net dimensions	Indoor unit	805 x 194 x 285 mm	805 x 194 x 285 mm	957 x 213 x 302 mm	1040 x 220 x 327 mm
	Outdoor unit	720 x 270 x 495 mm	720 x 270 x 495 mm	800 x 333 x 554 mm	845 x 363 x 702 mm
Net weight	Indoor unit	7.6 kg	7.6 kg	10 kg	12.3 kg
	Outdoor unit	23.2 kg	23.2 kg	34 kg	51.5 kg