

R-DESIGN R32



A++
COOLING
SEER 7.1

A+
HEATING
SCOP 4.0



3D DC Inverter



R32 refrigerant



Heating at -20°C



Cooling at -15°C



Wi-Fi ready



I feel



Turbo



Auto operation



Memory function



Self diagnosis



Sleep function



24 Timer



Self-cleaning



Emergency Using



12 Speeds



Ionizer



Bio Filter



Dust Filter



Chasis Heating Belt



Compressor Heating Belt



1 W Standby



ECO Mode



Louver Position Memory



Mute Operation



Valve Cover



Intelligent Defrosting



Mono & Multi



2-Way Draining



Digital Display



Refrigerant Leakage Detect

WALL SPLIT SYSTEM | DC Inverter

Model		ACP-09CH25AERI R32 Gold White Silver	ACP-12CH35AERI R32 Red Gold Gray Mirror White Silver	ACP-18CH50AERI R32 Gray Mirror White	ACP-24CH70AERI R32 White
Capacity	Cooling	2640(1026~3195) W	3520(820~4162) W	5280(1846~6154) W	7327(2579~8440) W
	Heating	2931(880~3663) W	3810(850~4777) W	5568(1377~6800) W	7620(1524~9437) W
Refrigerant		R32	R32	R32	R32
Energy efficiency class	Cooling	A++	A++	A++	A++
	Heating	A+	A+	A+	A+
Energy efficiency	SEER	7.1	7.0	6.4	6.4
	SCOP	4.0	4.1	4.0	4.0
Design load for heating	(P design h)	2600 W	2700 W	3900 W	5100 W
Input power	Cooling	703 W	1089 W	1547 W	2402 W
	Heating	731 W	1050 W	1500 W	2177 W
Airflow		≤416 m³/h	≤515 m³/h	≤750 m³/h	≤1020 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	20≤39 dB(A)	21≤38 dB(A)	20≤41 dB(A)	26≤46 dB(A)
	Outdoor unit	≤55.5 dB(A)	≤56 dB(A)	≤57 dB(A)	≤62 dB(A)
Sound power level	Indoor unit	≤54 dB	≤56 dB	≤58 dB	≤62 dB
	Outdoor unit	≤59 dB	≤60 dB	≤64 dB	≤66 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
Power supply UJ/VJ ~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)		487 mm	487 mm	514 mm	540 mm
Working range		-20°C≤T≤50°C	-20°C≤T≤50°C	-20°C≤T≤50°C	-20°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		-20°C≤T≤30°C	-20°C≤T≤30°C	-20°C≤T≤30°C	-20°C≤T≤30°C
Net dimensions	Indoor unit	722 x 187 x 290 mm	802 x 189 x 297 mm	965 x 215 x 319 mm	1080 x 226 x 335 mm
	Outdoor unit	770 x 300 x 555 mm	770 x 300 x 555 mm	800 x 333 x 554 mm	845 x 363 x 702 mm
Net weight	Indoor unit	7.3 kg	8.2 kg	10.8 kg	12.9 kg
	Outdoor unit	27.2kg	27 kg	37 kg	50 kg