

Air Conditioning

Split System



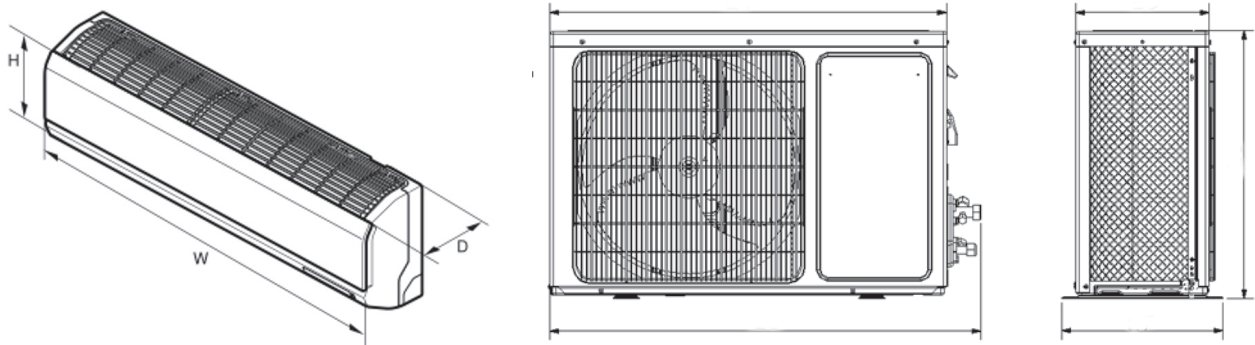
Features

- High efficiency DC inverter technology.
- Designed for easy installation.
- Rapid cooling with up to 40% increase in cooling capacity per minute.
- Anti-corrosion protection on the outdoor unit, condenser and fins and fastenings.
- Breath easy with one-click smart self cleaning.
- Stylish design.
- This product is Demand Response compliant (DRM1, DRM3 & DRM3).

The Emerald Air Conditioning Split System offers the best of both worlds - keeping your home cool in summer and warm in winter. This dual functionality makes it ideal for seasonal climates with cold winters and summers.

Thanks to its advanced heat pump technology this air conditioning unit is exceptionally energy-efficient, leading to significant energy savings.

With various models available in multiple sizes, including 2.5kW, 3.5kW, 7.2kW and 7.6kW, you can find the perfect fit for any sized room in the home.



		ACSS25	ACSS35	ACSS72	ACSS76
Net Dimensions WxHxD (mm)	Indoor Unit	850×270×208	850×270×208	1131×315×238	1323×363×276
	Outdoor Unit	780×540×260	810×585×280	900×750×340	900×750×340

Specifications

MODEL NO.		ACSS25	ACSS35	ACSS72	ACSS76
Description		Emerald 2.5kW AC Split System	Emerald 3.5kW AC Split System	Emerald 7.2kW AC Split System	Emerald 7.6kW AC Split System
Ratings					
Cooling Capacity	W	2500	3500	7200	7600
Heating Capacity	W	3200	3700	7500	9600
Rated Input-Cooling	W	520	810	1840	1760
Rated Input-Heating	W	670	830	1910	2350
Moisture Removal	L/H.r	0.9	0.9	2.5	2.5
Air Circulation	m³/h	620	620	1200	1800
EER	W/W	4.81	4.32	3.91	4.318
COP	W/W	4.78	4.46	3.93	4.085
AEER	W/W	4.76	4.29	3.90	4.289
ACOP	W/W	4.74	4.42	3.91	4.065
TCSPF (HOT)	W/W	6.63	6.12	5.64	7.036
HSPF (HOT)	W/W	5.27	5.36	4.90	5.068
TCSPF (in Average)	W/W	6.08	5.67	5.31	6.371
HSPF (in Average)	W/W	4.88	4.74	4.31	4.313
TCSPF (Cold)	W/W	6.26	5.89	5.57	6.692
HSPF (Cold)	W/W	4.41	4.24	3.80	3.601
Energy star rating for Cooling New-HOT		5	4.5	4	5.5
Energy star rating for Heating New-HOT		3.5	3.5	3.0	3.5
Energy star rating for Cooling New-Average		4.5	4	3.5	4.5
Energy star rating for Heating New-Average		3	3	2.5	2.5
Energy star rating for Cooling New-Cold		4.5	4	4	5
Energy star rating for Heating New-Cold		2.5	2.5	2	2
Refrigerant (Type / kg)		R32/0.8	R32/0.92	R32/1.58	R32/1.8
Indoor Unit Sound Level (High)	dB(A)	39	46	47	54
Indoor Unit Sound Level (Silent)	dB(A)	25	32	32	56
Indoor Unit Sound Power Level	dB(A)	59	59	65	70
Outdoor Unit Sound Power Level	dB(A)	59	60	69	70
Power Supply					
Voltage, Frequency, Phase		220-240V/50Hz-1Ph			
Rated Current	Cooling (A)	2.3 (0.5~5.1)	3.6 (1.0~7.5)	11.0 (2.8~16.5)	7.9 (2.8~16)
	Heating (A)	3.0 (0.8~5.8)	4.4 (1.5~8.4)	11.0 (3.3~18.5)	10.5 (3.3~18)
Max	W	850/950	1250/1400	3400/4000	2900/3100
	A	5.1/5.8	7.5/8.4	16.5/18.5	16/18
System					
Compressor Type		Rotary			
Expansion Device		EEV			
Evaporator		Copper tube and Aluminium Fin			
Condenser		Copper tube and Aluminium Fin			
Connecting Pipe Diameter					
Liquid Pipe	inch	1/4	1/4	3/8	3/8
Gas Pipe	inch	3/8	3/8	5/8	5/8
Features					
3DC (Indoor motor+outdoor motor+compressor)		Yes	Yes	Yes	Yes
Vertical Auto Swing Louver		Yes	Yes	Yes	Yes
Horizontal Auto Swing Louver		Yes	Yes	Yes	Yes
Hidden Display		Yes	Yes	Yes	Yes
LCD Wireless Remote Controller		Yes	Yes	Yes	Yes
Removable and Washable Panel		Yes	Yes	Yes	Yes
Washable PP Filter		Yes	Yes	Yes	Yes
24 Hours Timer		Yes	Yes	Yes	Yes
5 Speed and Auto Indoor Fan Control		Yes	Yes	Yes	Yes
Dimmer		Yes	Yes	Yes	Yes
Sleep Operation		Yes	Yes	Yes	Yes
Smart Function		Yes	Yes	Yes	Yes
Super Function		Yes	Yes	Yes	Yes
Auto Restart		Yes	Yes	Yes	Yes
Other					
Net Dimensions WxHxD (mm)	Indoor Unit	850×270×208	850×270×208	1131×315×238	1323×363×276
	Outdoor Unit	780×540×260	810×585×280	900×750×340	900×750×340
Net Weight (kg)	Indoor Unit	9	9	13	18.5
	Outdoor Unit	30	33	52	52
Packing Dimensions WxHxD (mm)	Indoor Unit	900×335×260	900×335×260	1220×400×310	1425×460×395
	Outdoor Unit	910×600×360	940×630×385	1060×820×450	1060×820×450
Gross Weight (kg)	Indoor Unit	11	11	16	22.8
	Outdoor Unit	33	36	56	56
Loading Capacity (40°HC)		264	228	125	60