

# Air Conditioning

## Split System 9.9kW

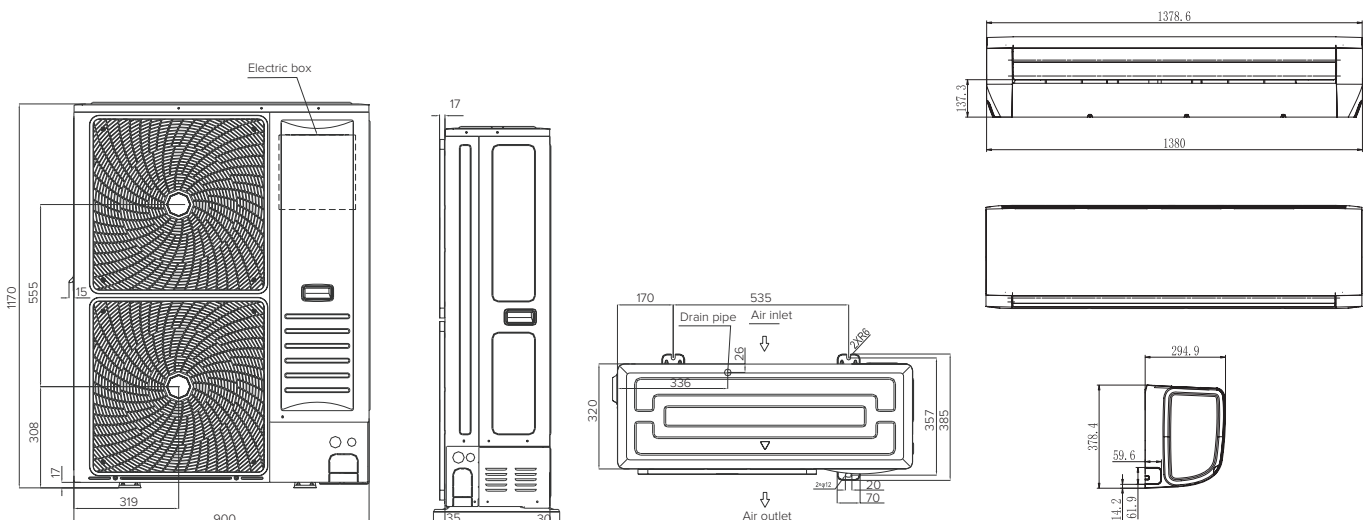


### Features

- 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.



# Specifications

MODEL NO.		ACSS99	
Description		Emerald 9.9kW AC Split System	
<b>Ratings</b>			
Cooling Capacity	W	9900	
Heating Capacity	W	11500	
Rated Input-Cooling	W	2280	
Rated Input-Heating	W	2850	
Moisture Removal	L/H.r	4.5	
Air Circulation	m <sup>3</sup> /h	2000	
EER	W/W	4.342	
COP	W/W	4.035	
AEER	W/W	4.272	
ACOP	W/W	3.983	
TCSPF(HOT)	W/W	5.771	
HSPF(HOT)	W/W	4.795	
TCSPF(in Average)	W/W	5.214	
HSPF(in Average)	W/W	4.338	
TCSPF(Cold)	W/W	5.330	
HSPF(Cold)	W/W	3.855	
Energie star rating for Cooling New-HOT		4	
Energie star rating for Heating New-HOT		3	
Energie star rating for Cooling New-Average		3.5	
Energie star rating for Heating New-Average		2.5	
Energie star rating for Cooling New-Cool		3.5	
Energie star rating for Heating New-Cool		2	
Refrigerant (Type / kg)		R32/3.3	
Indoor Unit Noise Level (sound pressure)	High (dB (A))	54	
	silent (dB (A))	44	
Indoor Unit Noise Level (sound power)	dB (A)	68	
Outdoor Unit Noise Level (sound power)	dB (A)	74	
<b>Power Supply</b>			
Voltage, Frequency, Phase		220-240V/50Hz-1Ph	
Rated Current	Cooling (Amp.)	10.7 (4.5~25)	
	Heating (Amp.)	13.4 (4.5~25)	
Max	W	4300	
	A	25	
<b>System</b>			
Compressor type		Rotary	
Expansion Device		EEV	
Evaporator		Copper tube and Aluminum Fin	
Condenser		Copper tube and Aluminum Fin	
<b>Connecting Pipe Diameter</b>			
Liquid Pipe	inch	3/8	
Gas Pipe	inch	5/8	
<b>Features</b>			
3DC (Indoor motor+outdoor motor+compressor)		Yes	
Vertical Auto Swing Louver		Yes	
Hidden Display		Yes	
LCD Wireless Remote Controller		Yes	
Removable and Washable Panel		Yes	
Washable PP Filter		Yes	
24 Hours Timer		Yes	
5 Speed and Auto Indoor Fan Control		Yes	
Dimmer		Yes	
Sleep Operation		Yes	
Smart Function		Yes	
Super Function		Yes	
Auto Restart		Yes	
<b>Other</b>			
Net Dimensions WxHxD (mm)	Indoor Unit	1380x378x295	
	Outdoor Unit	900x1170x320	
Net Weight (kg)	Indoor Unit	24	
	Outdoor Unit	82.5	
Packing Dimensions WxHxD (mm)	Indoor Unit	1495x410x480	
	Outdoor Unit	970x430x1300	
Gross Weight (kg)	Indoor Unit	28.5	
	Outdoor Unit	91.5	
<b>Loading Capacity (40°HC)</b>		120 (IDU) 120 (ODU) loads separate	