

KEY FEATURES

- Stainless Steel Casing
- Mitsubishi DC inverter compressor
- Intelligent control system
- Efficient DC inverter drive
- Precision electronic expansion valve
- Smart weather compensation
- Super quiet DC inverter fan
- High temperature outputs up to 75°C
- MCS certified
- Built in pump with smart PWM control
- High efficiency heat exchanger
- BMS control functions available
- WiFi control and management available
- Cascade any number of units
- Can be installed in virtually any system configuration
- Heating and cooling functions
- 4G sim remote support
- SCOP's up to 5.09 (EN14825 TUV Certified)



Mitsubishi
Compressor



*see warranty
terms and conditions



Intelligent Colour
Touch Screen Controller



Environmentally
Friendly R290
Refrigerant

Snug heat pumps are developed in the UK by experienced engineers who have been involved with producing heating appliances and refrigeration systems for over 50 years.

We recognise the transition from conventional gas, oil or electric heat sources can seem daunting, but we have tailored our products for simple installation, operation, comfort and reliability.

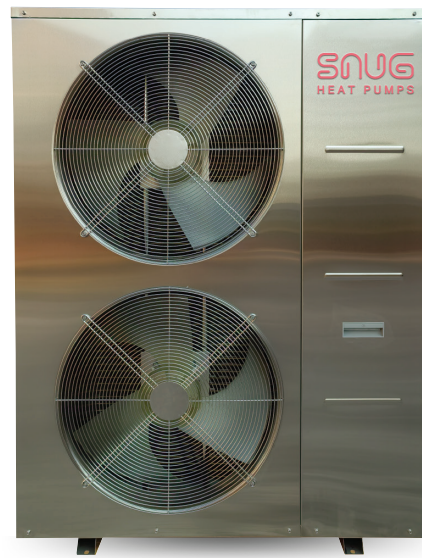
HEAT PUMP UNITS



SNUGAIR6



SNUGAIR12



SNUGAIR24

Specifications subject to change without warning.



MODEL	SNUGAIR6
Power Supply	220-240V~/1Ph/50Hz
① Heating Capacity (Air 7°C / Water 35°C) / Power Input / COP	1.85 - 6kW / 0.32 - 1.36kW / 5.78 - 4.41
② Heating Capacity (Air -3°C / Water 35°C) / Power Input / COP	1.2 - 3.9kW / 0.315 - 1.358kW / 3.80 - 2.87
③ Heating Capacity (Air -3°C / Water 45°C) / Power Input / COP	1.02 - 3.31kW / 0.316 - 1.36kW / 3.22 - 2.43
Heating Rated Input Power / Current (Air 35°C / Water Inlet 12°C / Outlet 7°C)	0.83kW / 3.7A
④ Cooling Capacity (Air 7°C / Water 55°C) / Power Input / EER	1.2 - 4.45kW / 0.26 - 1.52kW / 4.61 - 2.92
⑤ Cooling Capacity (Air 20°C . Water 15~55°C) / Power Input / EER	6kW / 1.15kW / 5.21
⑥ Cooling Capacity (Air 35°C / Water 7°C) / Power Input / EER	1.2 - 3.95kW / 0.28 - 1.47kW / 4.28 - 2.68
Cooling Rated Input Power / Current (Air 7°C / Water Inlet 20°C / Outlet 35°C)	1.09kW / 4.85A
Max. Outlet Water Temperature / Max. Input Power / Current	75°C / 1.9kW / 8.6A
Rated Water Flow / Pipe Connection	1.0m3/h, 1"
Water Side Pressure Loss / Max. Working Pressure	≤ 30 kPa / 1.0MPa
Noise Level (Sound Pressure) / Noise Level (Sound Power)	≤ 44dB (A) / ≤ 59dB (A)
Refrigerant / Quantity / GWP / CO2 Equivalent	R290 / 550g / 3 / 0.0014t
Net Weight / Net Dimensions (L x W x H)	59KG / 782 x 355 x 1158mm
Waterproof / Electric Shock Protection Grade	IPX4/I
Heat Exchanger Max. Working Pressure	≤ 3.2MPa
Discharge / Suction Max. Working Pressure	3.2MPa / 0.8MPa
High / Low Max. Pressure	3.2MPa / 0.8MPa
Ambient Temperature	-30°C ~ +43°C



MODEL	SNUGAIR12
Power Supply	220-240V~/1Ph/50Hz
① Heating Capacity (Air 7°C / Water 35°C) / Power Input / COP	3.58 - 12kW / 0.61 - 2.71kW / 5.87 - 4.42
② Heating Capacity (Air -3°C / Water 35°C) / Power Input / COP	2.32 - 7.8kW / 0.608 - 2.708kW / 3.81 - 2.88
③ Heating Capacity (Air -3°C / Water 45°C) / Power Input / COP	1.97 - 6.63kW / 0.609 - 2.711kW / 3.23 - 2.44
Heating Rated Input Power / Current (Air 7°C / Water Inlet 20°C / Outlet 35°C)	1.65kW / 7.4A
④ Cooling Capacity (Air 7°C / Water 55°C) / Power Input / EER	2.27 - 9.01kW / 0.49 - 3.06kW / 4.63 - 2.94
⑤ Cooling Capacity (Air 20°C . Water 15~55°C) / Power Input / EER	12kW / 2.32kW / 5.17
⑥ Cooling Capacity (Air 35°C / Water 7°C) / Power Input / EER	2.17 - 7.8kW / 0.49 - 2.89kW / 4.43 - 2.70
Cooling Rated Input Power / Current (Air 35°C / Water Inlet 12°C / Outlet 7°C)	2.16kW / 9.7A
Max. Outlet Water Temperature / Max. Input Power / Current	75°C / 3.8kW / 17A
Rated Water Flow / Pipe Connection	2.0m3/h, 1"
Water Side Pressure Loss / Max. Working Pressure	≤ 40 kPa / 1.0MPa
Noise Level (Sound Pressure) / Noise Level (Sound Power)	≤ 46dB (A) / ≤ 61dB (A)
Refrigerant / Quantity / GWP / CO2 Equivalent	R290 / 900g / 3 / 0.0027t
Net Weight / Net Dimensions (L x W x H)	88KG / 1029 x 415 x 824mm
Waterproof / Electric Shock Protection Grade	IPX4/I
Heat Exchanger Max. Working Pressure	≤ 3.2MPa
Discharge / Suction Max. Working Pressure	3.2MPa / 0.8MPa
High / Low Max. Pressure	3.2MPa / 0.8MPa
Ambient Temperature	-30°C ~ +43°C



MODEL	SNUGAIR24
Power Supply	220-240V~/1Ph/50Hz
① Heating Capacity (Air 7°C / Water 35°C) / Power Input / COP	6.88 - 24kW / 1.18 - 5.96kW / 5.83 - 4.02
② Heating Capacity (Air -3°C / Water 35°C) / Power Input / COP	4.47 - 15.6kW / 1.179 - 5.96kW / 3.79 - 2.61
③ Heating Capacity (Air -3°C / Water 45°C) / Power Input / COP	3.79 - 13.2kW / 1.177 - 5.97kW / 3.22 - 2.21
Heating Rated Input Power / Current (Air 7°C / Water Inlet 20°C / Outlet 35°C)	2.98kW / 13.1A
④ Cooling Capacity (Air 7°C / Water 55°C) / Power Input / EER	4.11 - 18.09kW / 0.89 - 6.33kW / 4.61 - 2.85
⑤ Cooling Capacity (Air 20°C . Water 15~55°C) / Power Input / EER	24kW / 4.7kW / 5.10
⑥ Cooling Capacity (Air 35°C / Water 7°C) / Power Input / EER	3.84 - 17.6kW / 0.87 - 6.47kW / 4.41 - 2.72
Cooling Rated Input Power / Current (Air 35°C / Water Inlet 12°C / Outlet 7°C)	4.35kW / 19.8A
Max. Outlet Water Temperature / Max. Input Power / Current	75°C / 6.9kW / 31.5A
Rated Water Flow / Pipe Connection	3.8m3/h, 1"
Water Side Pressure Loss / Max. Working Pressure	≤ 50 kPa / 1.0MPa
Noise Level (Sound Pressure) / Noise Level (Sound Power)	≤ 48dB (A) / ≤ 63dB (A)
Refrigerant / Quantity / GWP / CO2 Equivalent	R290 / 1800g / 3 / 0.0054t
Net Weight / Net Dimensions (L x W x H)	122KG / 1099 x 415 x 1420mm
Waterproof / Electric Shock Protection Grade	IPX4/I
Heat Exchanger Max. Working Pressure	≤ 3.2MPa
Discharge / Suction Max. Working Pressure	3.2MPa / 0.8MPa
High / Low Max. Pressure	3.2MPa / 0.8MPa
Ambient Temperature	-30°C ~ +43°C

