



Advantages

EVI Technology : Adopting the most advanced low temperature enhanced vapors injection compressor technology which can help heat pump work steadily even at temperature of -15°C.

Wide range of temperature : EVI heat pump can work from -15 to 45°C. Widely used in different environment.

Higher heating capacity : Using enlarging evaporator extracting more heat energy from air, will increase COP.

Automatic start-up anti-freezing protection : When the ambient is below 0°C, the unit is in stand-by mode more than 30 minutes, automatic anti-freezing device will be started up, so that the unit will be protecting in lower temperature.

Features

- Hot water temperature 60°C
- For Hotels, Hospitals, Hostels, Resorts etc.
- Energy saving up to 75%
- Environment friendly refrigerant
- Automatic controls
- Touch screen multi-functional controller
- Efficient scroll compressor
- High efficient shell & tube heat exchanger
- High efficient U & V shape design

| Model | | SC-H-200E | SC-H-400E | SC-H-700E | SC-H-900E | SC-H-1400E | SC-H-1800E |
|--------------------------------|-------------------|--|-----------|-----------|-----------|------------|------------|
| Power supply | V/Ph/Hz | 415/3/50 | | | | | |
| Ambient temperature | °C | -15 - 45 | | | | | |
| Rated heating output | kW | 18 | 37.4 | 69.8 | 87.4 | 140 | 175 |
| Rated hot water output | L/h | 400 | 804 | 1500 | 1880 | 3000 | 3760 |
| Input power | kW | 4.05 | 8.48 | 15.23 | 19.82 | 30.70 | 39.68 |
| Rated water outlet temperature | °C | 55 | | | | | |
| Max. water outlet temperature | °C | 60 | | | | | |
| Compressor | | Copeland EVI scroll | | | | | |
| Heat exchanger | | Shell & tube | | | | | |
| Rated water flow rate | m ³ /h | 3.9 | 6.5 | 15 | 18.8 | 30.1 | 37.6 |
| Noise | dB(A) | ≤56 | ≤70 | ≤68 | ≤73 | ≤74 | ≤76 |
| Dimension (LWH) | mm | 1110 | 1500 | 1990 | 1990 | 2200 | 2200 |
| | mm | 530 | 900 | 980 | 980 | 1120 | 1120 |
| | mm | 1260 | 1665 | 2045 | 2045 | 2295 | 2295 |
| Net weight | kg | 155 | 330 | 552 | 580 | 1100 | 1150 |
| Testing conditions | | Inlet water 15°C/Outlet water 55°C (max.60°C) Dry bulb/Wet bulb temperature 20°C/15°C | | | | | |