

## Model SK-15CC – Cold Climate Heat Pump

### Specifications: Model SK-15-CC

Voltage / Phase	240v 50Hz/ Single Phase
Amps per phase (Amps)	20
Minimum Circuit Size (Amps)	30
Power Input (kw)	3.8
Nom. output (Kw)@ 10°C ambient air	14kw@45°C water out
Nom. output (Kw)@ 10°C ambient air	12kw@60°C water out
Compressor Type (Copeland)	Scroll
Refrigerant	R407
inlet/outlet connections diameter (mm)	32mm copper
Flow Rate (Litres/second)	1.0
Maximum Outlet Water Temp (°C)	60
Noise Level (dBa) @ 3 metres	59
Defrost	Hot gas bypass (reverse cycle optional)
Drain	20mm PVC
Cabinet Construction	1.2mm powder coated steel
Dimensions (mm)	1150L x 565W x 960H
Weight – empty (Kg)	100

Unit specifications subject to change without notice



- Operates in cold climates
- Quiet yet powerful
- Economical to operate
- Simple to install

Cold Climate Hydronic heat pump, ideal for heating homes where overnight temperatures fall below freezing. Heating water for water-filled radiators or water filled pipes embedded in the concrete slab. *(may require buffer tank – not included)*

Similar models are available for swimming pool & spa heating, and commercial & industrial applications.

## HEATING THE NATURAL WAY

***A heat pump uniquely extracts solar heat energy found abundant in the air and transfers it to water.***

The mysterious heat pump. At first, our claims about this being a high efficiency solar system may seem outrageous, but really its quite simple - there is no magic, just science. Pushing refrigerant through a massive heat-exchanger at about -28°C, its easy to absorb solar energy in the form of heat out the air. Because they don't rely on direct sunlight radiation, they can operate in all seasons of the year, under all conditions; shade, overcast, sun, rain, frost, even at night.

Long after a conventional solar collector array has given up and reverted to its booster, our heat pump is still absorbing vast amounts of solar energy.

Unlike much of Europe where hydronic heating has been used for decades, in most area's of Australia an air-sourced heat pump will outperform a ground sourced heat pump, and there is no need bury hundreds of metres of pipes in the paddock.

With zoning control and even remote activation by telephone if required, used in conjunction with good building practices such as good insulation, hydronic heating with our state of the art, correctly sized heat pumps can be an economical and ecological solution to your home heating requirements.

... "let us exceed your expectations"

**For more information on hydronic HEAT PUMPS, please call**

**1300 552 976**

website: [www.skylineenergy.com.au](http://www.skylineenergy.com.au)

email: [info@skylineenergy.com.au](mailto:info@skylineenergy.com.au)