

## Model SK-38-3 Heat Pump

### Specifications

Model SK-38-3	
Voltage / Phase	415v 50Hz/ 3phase
Amps per phase (Amps)	20
Minimum Circuit Size (Amps)	25
Power Input (kw)	8.3
Weight – empty (Kg)	170
Nom. output (Kw)@ 10°C ambient air	30kw@45°C water out
Compressor Type (Copeland)	Scroll
Refrigerant	R407
inlet/outlet connections diameter (mm)	32mm copper
Flow Rate (Litres/second)	2.5
Maximum Outlet Water Temp (°C)	60
Noise Level (dBa) @ 3 metres	62
Defrost	Hot gas bypass (reverse cycle optional)
Drain	20mm PVC
Cabinet Construction	1.2mm powder coated steel
Dimensions (mm)	1750L x 800W x 825H



- **Quiet yet powerful**
- **Economical to operate**
- **Simple to install**

Hydronic heat pump, ideal for heating large homes via 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.

Unit specifications subject to change without notice

### **HEATING THE NATURAL WAY**

***A heat pump uniquely extracts solar heat energy found abundant in the in 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 **minus 28°C** refrigerant through a massive heat-exchanger, it's easy to absorb solar energy in the form of heat out the air. At an ambient air temp of only 10°C there is a 38°C temperature differential that we can harness. 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**

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