



ThermoPlus THD50i-3

## SPECIFICATION

|                                                  |                            |
|--------------------------------------------------|----------------------------|
| Power supply                                     | 380 – 420 V / 3 ph / 50 Hz |
| Maximum heating capacity                         | 50 kW                      |
| COP                                              | 3.86                       |
| Heating capacity, min / max                      | 16.3 / 50 kW               |
| Heating power input, min / max                   | 3340 / 12953 W             |
| COP, min / max                                   | 3.86 / 4.88                |
| Heating capacity, water 40 → 55 °C               | 45.5 kW                    |
| Heating power input, min / max, water 40 → 55 °C | 3621 / 13304 W             |
| Maximum power input                              | 20.5 kW                    |
| Maximum current                                  | 43.26 A                    |
| Wire size                                        | 10 mm <sup>2</sup>         |
| Fuse or circuit breaker                          | 50 A                       |
| Compressor                                       | Hitachi                    |
| Refrigerant charge                               | 2.8 kg                     |

|                              |                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------|
| Fan type                     | DC                                                                                              |
| Fans                         | 1                                                                                               |
| Rated fan speed              | 950 rpm                                                                                         |
| Fan rated power              | 170 W                                                                                           |
| Water connections            | G1.5"                                                                                           |
| Sound power / pressure level | 75 dB(A)                                                                                        |
| Refrigerant                  | R290                                                                                            |
| ErP rating at 35 °C          | A+++                                                                                            |
| ErP rating at 55 °C          | A++                                                                                             |
| Weight                       | 356 kg                                                                                          |
| Dimensions, L × D × H        | 1187 × 1087 × 1561 mm                                                                           |
| Warranty                     | 2 years parts and labour — compressor, evaporator coil, heat exchanger and refrigeration system |
| Manufacturer                 | Hot Water Heatpumps Ltd                                                                         |

## CHAMPION HEATING LTD

Auckland hydronic and pool heating specialists.

Figures are manufacturer data and subject to change without notice. Champion Heating Ltd is an independent supplier and installer; brand names identify the products we supply.

**0800 HEAT 4 U**

0800 432 848 · 09 424 0424

[info@championheating.co.nz](mailto:info@championheating.co.nz) · [championheating.co.nz](http://championheating.co.nz)