

ThermoPlus DHP4 Dehumidifier

The ThermoPlus Dehumidifier is designed to perform for a range of different applications. For example, it can be used for a small indoor pool hall dehumidification, or drying out locker rooms where damp equipment is kept. Examples of use in food processing can be as varied as drying nuts to shell or keeping moisture levels low for mould prevention when warm dehumidified temperatures are required for periods of time.

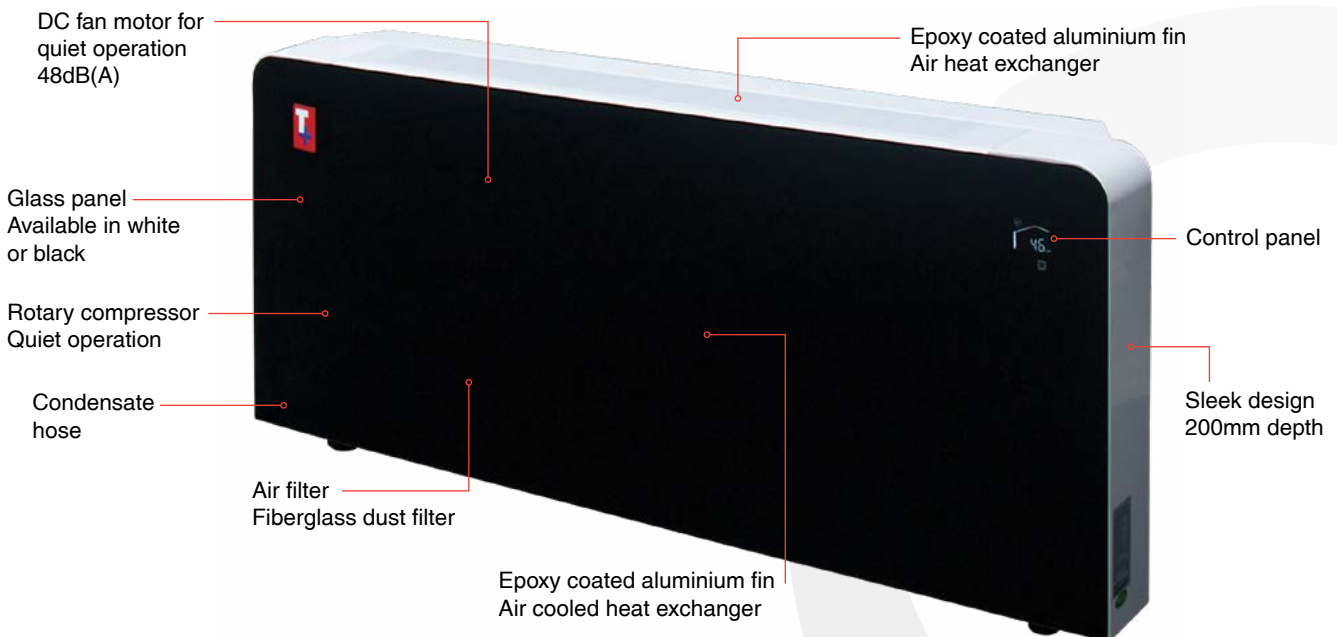
HOW IT WORKS

The ThermoPlus dehumidifier works on the same principles as an air conditioner (heat pump). First moist air passes through the cold coil (evaporator), which removes water from it. In the second step air passes through another coil (condenser) to produce warmer and drier air.



FEATURES:

- Controls.**
 The ThermoPlus dehumidifier is controlled by a built in hygostat (humidistat) which can be adjusted to control room humidity within a range of 30% - 90% RH (relative humidity). The electronic controller is located behind the glass face, which illuminates when the unit is powered up and turned on via the touch screen power symbol.
- High efficiency.**
 The ThermoPlus dehumidifier can dehumidify up to 4.3L/h of air at 30°C ambient temperature and 80% relative humidity.
- Expoxy coated coils**
 Aluminium fins of the evaporator and condenser are epoxy coated for extra protection in corrosive environments such as salt laden air or the chlorinated air of indoor pools. This prolongs the life expectancy of the unit.
- Super silent**
 The ThermoPlus dehumidifier compressors are installed on rubber mounts, have acoustic wraps, and are isolated in a built-in insulated compartment to minimise vibration and noise.
- Fan - Low noise scroll blade fan motor.**
 The ThermoPlus dehumidifier has 3 fan speed settings. Higher speed settings increases the dehumidification rate in the room. Select the fan speed to adjust comfort and sound levels.
- Sleek cabinet design**
 With a compact inner structure, the ThermoPlus dehumidifier features an ultra-thin casing of 200mm thickness that minimises the installation space required.

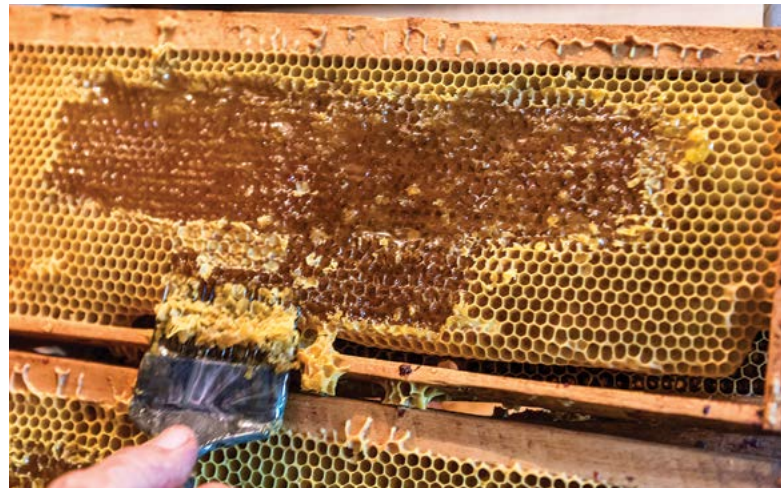


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ThermoPlus DHP4 Technical Specifications

Rated capacity* (L/h)	4.3
Daily water extraction*	103L
Air Volume (m³/h)	750
Noise level dB(A)	48
Power Supply	220-240V~50Hz
Rated power input (kW)	1.97
Rated running current (Amps)	8.7
Max. power input (Amps)	2.28
Max. running current (Amps)	10
Relative Humidity (%RH)	40 - 100
Temperature (°C)	10 - 36
Dimensions LxWxH - mm	1488 x 200 x 678
Net weight - kg	76
Refrigerant (1.2kg)	R-410A
Condensation pipe diameter - mm	16

* Dependant on atmospheric conditions.



Why buy from Hot Water Heat Pumps Ltd



Back up and service: You can be assured of unprecedented after-sales service. We provide free telephone and email support on all products, for the life of the product, even if you're outside of the warranty period. With periodic maintenance, your Hot Water Heat Pumps Ltd's product will provide you with a lifetime of efficient hot water heating.



Warranty: The ThermoPlus Dehumidifier comes with a comprehensive one year parts and labour warranty, including the compressor, evaporator coil, heat exchanger and refrigeration systems.



Value: ThermoPlus Dehumidifiers are the ideal economical solution creating a drier environment. High efficiency and quality components give ThermoPlus Dehumidifiers an excellent cost to quality ratio.

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