NEW HEAT PUMP CONVECTOR

The World Leading Heat Pump Company

IDEAL FOR LOW ENERGY HOMES

COMPATIBLE WITH ALTHERMA HOT WATER AND UNDERFLOOR HEATING SYSTEMS

QUIET OPERATION

NEW ALTHERMA HPC
POWERED BY WATER
FWXV-ATV3

For a stylish, energy efficient update to the classic radiator look no further than the Altherma Heat Pump Convector. This unit is compatible with all hydronic Daikin Altherma heating and cooling solutions.

What is a heat pump convector?
The way a heat pump convector works is similar to a radiator, as both use convection to heat a room. A radiator creates convection by running water through its pipes. With a heat pump convector, a radiator’s convection process is faster because there is a small fan behind it speeding up the heating cycle.

A heat pump convector creates the same room temperature as a traditional radiator, but with lower water temperatures in the radiator, and in the long run, contribute to direct energy savings for users.

SLIM DESIGN
Measuring 135 mm (depth), this heat pump can fit in any house or apartment.

FAST AND HIGH CAPACITY
The Daikin Altherma HPC combines the advantages of residential underfloor heating and radiators. It delivers high capacity heating or cooling faster and can be selected at ultra-low temperatures (35/30°C regime)

• Optimized for new build houses
• Can be selected at low water temperature (35°C) which makes it ideal for heat pump applications.

0.95kW - TO - 3.88kW
HEATING CAPACITIES*

FWXV20ATV3 Length: 1399 mm
FWXV15ATV3 Length: 1199 mm
FWXV10ATV3 Length: 999 mm

Depth: 135 mm

The Greener Choice
Altherma Heating Systems harness the power of water and renewable energy for efficient, future thinking hot water and home heating solutions.
**SPECIFICATIONS**

**Cooling Capacity at 7 / 12 °C Min. / Med. / Max. kW**
- 0.39 / 0.98 / 1.33
- 0.99 / 1.53 / 2.10
- 1.22 / 1.55 / 1.78

**Cooling Capacity Min. / Med. / Max. kW**
- 0.66 / 1.36 / 1.77
- 1.33 / 2.16 / 2.89
- 1.82 / 2.52 / 3.20

**Casing Colour / Material**
- RAL 9003 / Metal sheet

**Sound pressure level**
- Super silent / Min. / Max. dB(A)
  - 20 / 25 / 42
  - 22 / 26 / 44
  - 23 / 26 / 45

**Operation range**
- Heating / Cooling Water side
  - Min. / Max. °C
  - 30 / 5
  - 85 / 30

**Sound pressure**
- Only applicable for EKRTCTRL1, EKWHCTRL1

**CONTROLLERS (OPTIONAL)**

**EKRTCTRL1**
- Built-in controller*
- Fully modulating
- Multicolor display

**EKRTCTRL2**
- Built-in controller*
- 4 speed selection

**EKWHCTRL1**
- Wall controller
- Fully modulating
- In combination with EKWHCTRL0

**EKPCBO**
- Built-in controller*
- ON/OFF
- In combination with external thermostats

*It fits the unit internally.

**PERFECT COMBINATION**

This heat pump convector fits perfectly within the Daikin Altherma 3 range.

**DC INVERTER**

Daikin Altherma HPC uses the latest technologies to consume less electricity down to 3W of standby power input while maintaining its reliable performance.

**MODULATED AIRFLOW**

When there is less heating demand, the unit modulates its airflow to slow down the fan rate, and in the process, lowers the operational sound. A standard ON/OFF fan running simultaneously at full speed can increase sound pressure.

**DISCREET**

As the unit reaches its set point, a continuous modulating fan gradually reduces its speed and creates less noise. The unit’s sound pressure measures 25 dB(A) at 1m when the fan is on a low-speed setting.

**Your Local Daikin Specialist Dealer:**

daikin.co.nz