

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



The Greener Choice

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

0.95kW - **3.88kW**

HEATING CAPACITIES*

3

MODELS

HOT WATER HEAT PUMP CONVECTOR

NEW ALTHERMA HPC POWERED BY WATER

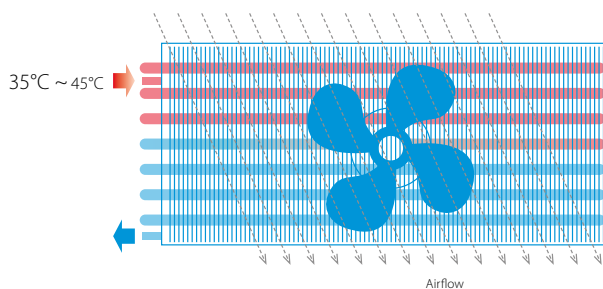
FWXV-ATV3

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.

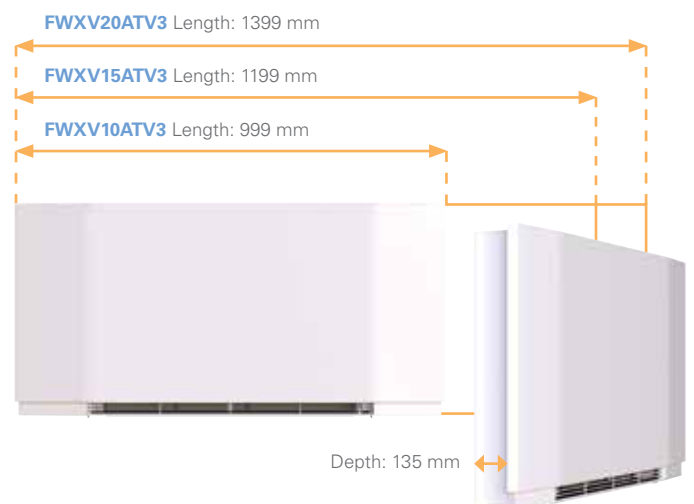


- Optimized for new build houses
- Can be selected at low water temperature (35°C) which makes it ideal for heat pump applications.



SLIM DESIGN

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



FAST AND HIGH CAPACITY

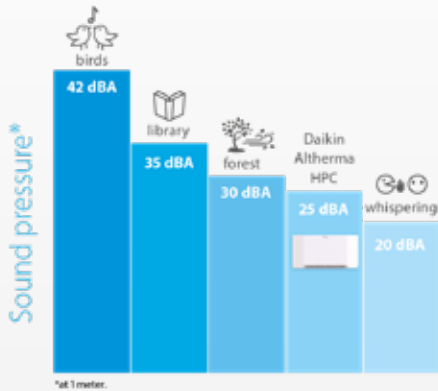
The Daikin Altherma HPC combines the advantages of residential underfloor heating and radiators. It delivers high capacity heating or cooling faster and can be selected at ultra-low temperatures (35/30°C regime)

* Min. and Max. heating capacity at 45/40°C water temperature.



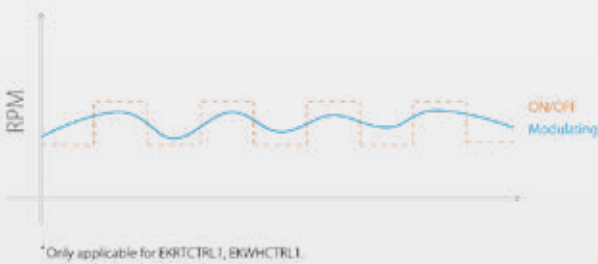
DISCREET

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.



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.



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.



CONTROLLERS (OPTIONAL)

Daikin offers a wide variety of controllers that are functional and have a great design.

| EKRTCTRL1 | EKRTCTRL2 |
|--|--|
| <ul style="list-style-type: none"> Built-in controller* Fully modulating Multicolor display | <ul style="list-style-type: none"> Built-in controller* 4 speed selection |
| EKWHCTRL1 | EKPCBO |
| <ul style="list-style-type: none"> Wall controller Fully modulating In combination with EKWHCTRL0 | <ul style="list-style-type: none"> 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.



SPECIFICATIONS

| MODEL (Indoor Unit) | | FWXV10AATV3 | | FWXV15AATV3 | | FWXV20AATV3 | |
|--|---|------------------------|-----------------------|-----------------------|-----------------------|-------------|--|
| Cooling Capacity | Min. / Med. / Max. | kW | 0.66 / 1.36 / 1.77 | 1.33 / 2.16 / 2.89 | 1.82 / 2.52 / 3.20 | | |
| Sensible 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 | | |
| Heating Capacity at 45°C / 40 °C | Min. / Med. / Max. | kW | 0.95 / 1.63 / 2.18 | 1.26 / 2.33 / 3.11 | 1.90 / 3.05 / 3.88 | | |
| Heating Capacity at 35 °C / 30 °C | Min. / Med. / Max. | kW | 0.41 / 0.82 / 1.14 | 0.45 / 1.29 / 1.73 | 0.93 / 1.66 / 2.15 | | |
| Power Input | Min. / Med. / Max. | kW | 0.003 / 0.018 / 0.018 | 0.004 / 0.020 / 0.020 | 0.005 / 0.027 / 0.027 | | |
| Air Flow Rate | Min. / Med. / Max. | m ³ /h | 118 / 210 / 294 | 180 / 318 / 438 | 246 / 410 / 566 | | |
| Casing | Colour / Material | RAL 9003 / Metal sheet | | | | | |
| Dimensions | Unit | Height | mm | 601 | | | |
| | | Width | mm | 999 | 1199 | 1399 | |
| | | Depth | mm | 135 | 135 | 135 | |
| Weight | Unit | kg | 20 | 23 | 26 | | |
| 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. | °C | 30 / 5 | | |
| | | | Max. | °C | 85 / 20 | | |
| Control systems | Indoor installation | Ambient | Min. / Max. | °CDB | 0 / 45 | | |
| | Infrared remote control / On board control / Wired remote control | | | | no / yes / yes | | |
| Installation place | Indoor | | | | | | |
| Power Supply | Voltage / Phase / Frequency | V / Ø / Hz | 230 / 1 / 50 | | | | |

Your Local Daikin Specialist Dealer:

