

Daikin Altherma HPC Floor standing model

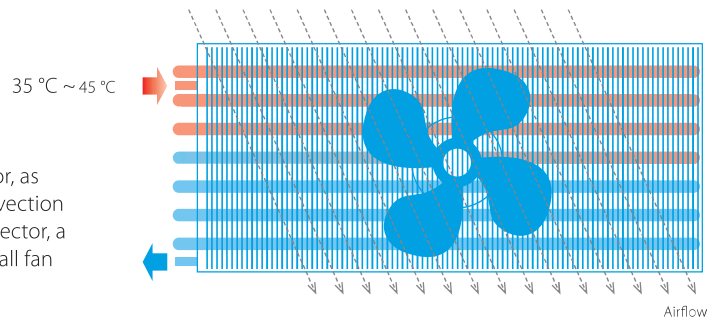


Daikin Altherma HPC provides both cooling and heating. The system is compatible with underfloor piping and radiators in a multi-zoning installation, or can replace radiators with low temperature heat pumps. The unit is available in three models (floor standing, wall-mounted and concealed) and is suited for use in bedrooms and living rooms thanks to its silent operation.

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 inside the radiator, which in the long run contributes to direct energy savings for end users.

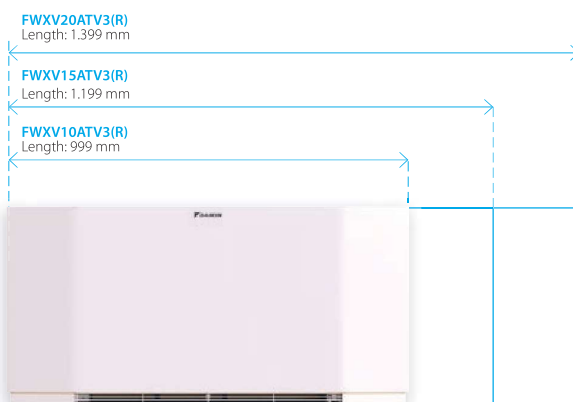


- > Optimized for newly built houses.
- > Can be set at low water temperature (35 °C) which makes it ideal for heat pump applications.

Slim design



The floor standing Daikin Altherma HPC measures 135 mm (depth) fits any house or apartment. Its optimised design was rewarded with the Reddot Design Award 2020.



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 set at ultra-low temperatures (35/30 °C regime).

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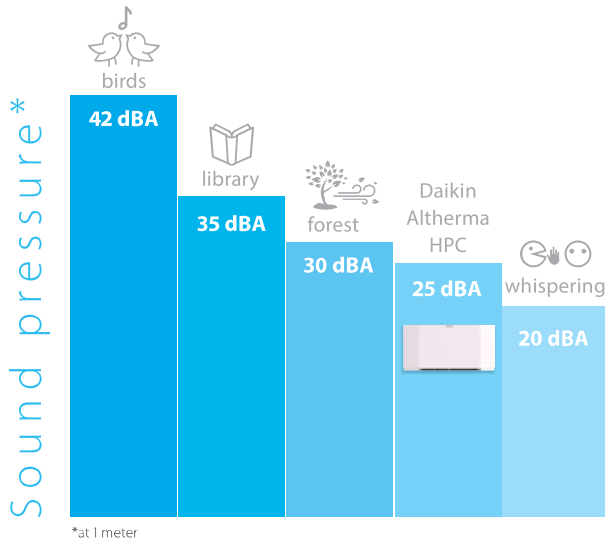


Heat pump convector - Concealed model



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 25dB(A) at 1m when the fan is on a low-speed setting.



DC Inverter

Daikin Altherma HPC uses the latest technologies to consume less electricity down to 3W of standby power input.

Controls

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

EKRTCTRL1



- > Built-in controller
- > Fully modulating
- > Multicolor display

EKRTCTRL2



- > Built-in controller
- > 4 speed settings

EKWHCTRL1



- > Wall controller
- > Fully modulating
- > In combination with EKWHCTRL0

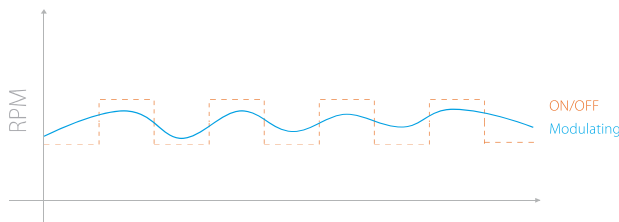
EKPCBO



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

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.



*Only applicable for EKRTCTRL1, EKWHCTRL1

Perfect combination

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



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