NEW HEAT PUMP CONVECTOR

DAIKIN

The World Leading Heat Pump Company

IDEAL FOR LOW ENERGY HOMES

COMPATIBLE WITH ALTHERMA HOT WATER AND UNDERFLOOR HEATING SYSTEMS

QUIET OPERATION

HOT WATER HEAT PUMP CONVECTOR

The Greener Choice

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

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.

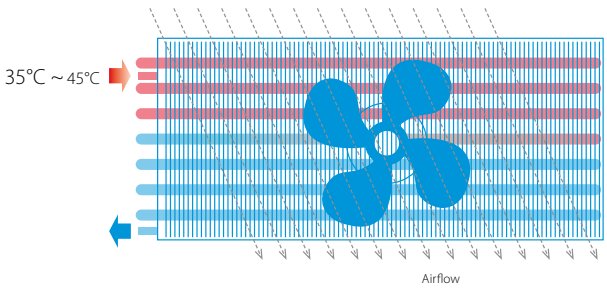
0.95kW -TO- 3.88kW
HEATING CAPACITIES*

3
MODELS

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.

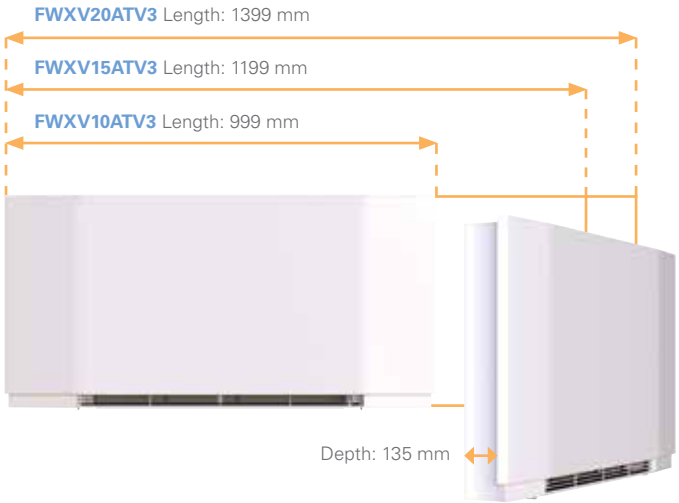
A heat pump convector creates the same room temperature as a traditional radiator, but with lower water temperatures in the radiator, and in the long run, contribute to direct energy savings for users.



- 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.



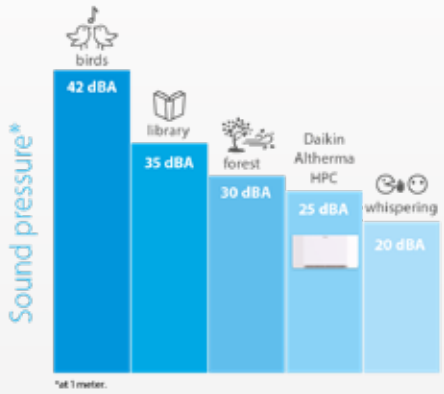
FAST AND HIGH CAPACITY

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.

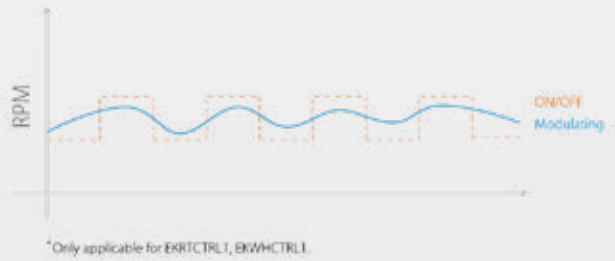
DISCREET

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
	
• Built-in controller* • Fully modulating • Multicolor display	• Built-in controller* • 4 speed selection
EKWHCTRL1	**EKPCBO**
	
• Wall controller • Fully modulating • In combination with EKWHCTRL0	• 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		
	Indoor installation	Ambient	Min. / Max.	°CDB	0 / 45		
Control systems	Infared remote control / On board control / Wired remore control				no / yes / yes		
Installation place					Indoor		
Power Supply	Voltage / Phase / Frequency			V / Ø / Hz	230 / 1 / 50		

FWXV-15052020

Your Local Daikin Specialist Dealer:

DAIKIN

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