



Daikin Altherma HT

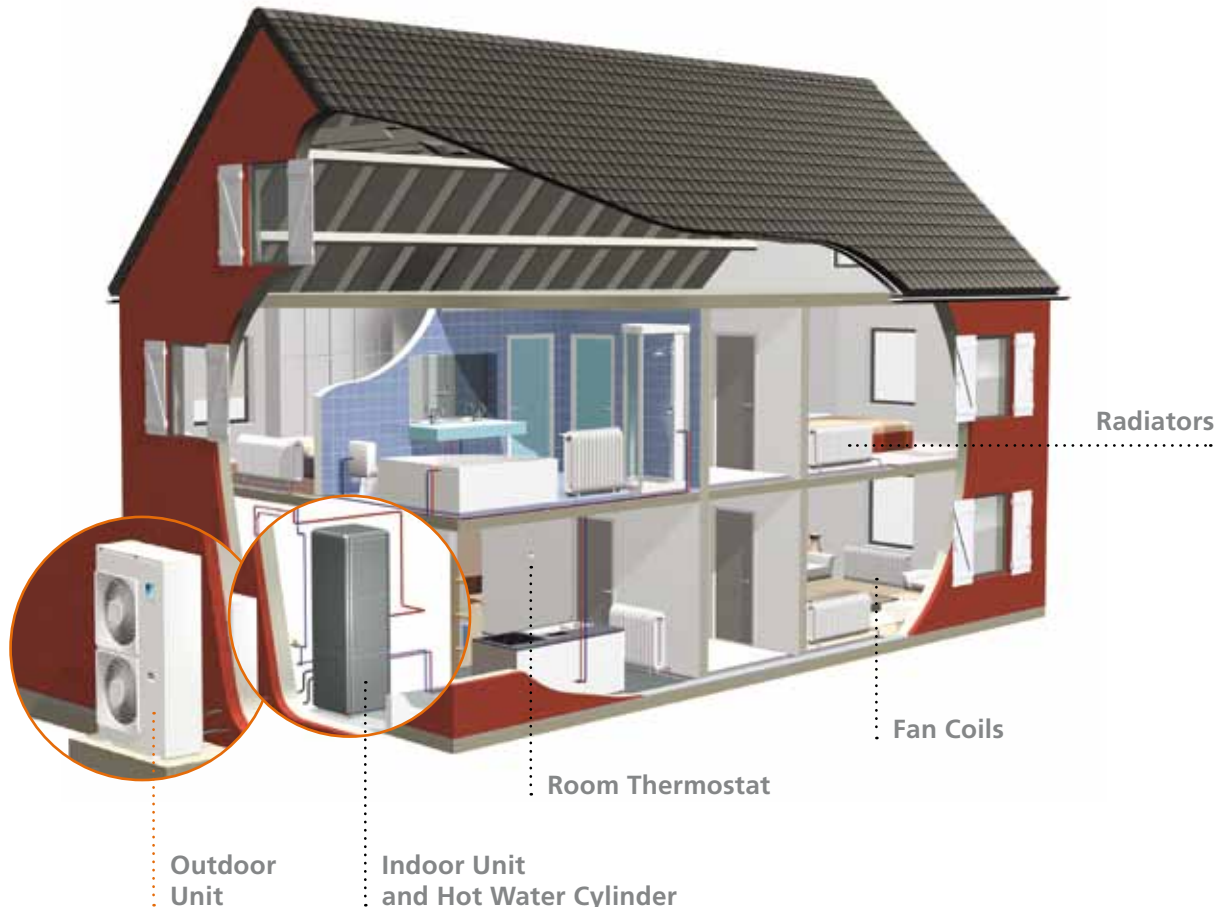
Air Source Heat Pump

The ideal replacement for existing boilers

A further addition to the range, the award winning Daikin Altherma HT guarantees water temperatures of up to 80°C. This will supply all of a home's heating and hot water requirements, even on the coldest days of the year at temperatures down to -20°C.

Using a specially designed cascading heat pump configuration, flow temperatures of up to 80°C can be achieved without requiring an additional electric heater. The system consists of an outdoor heat pump and an indoor unit hydrobox where the upgraded free heat from the air is transferred to the heating and hot water system. The hot water cylinder completes the package and it can be installed next to or mounted neatly on top of the indoor unit.

Delivering COPs of over 3 – compared to condensing boiler efficiencies of 0.93 on average – the Daikin Altherma HT system provides a direct alternative for boiler replacement, as it can fully support existing radiator systems, providing a highly efficiency and versatile high temperature solution without the need for a non-renewable back up heating system.



COMBINATION OUTDOOR INDOOR					
OUTDOOR UNIT			ERSQ011AAV1	ERSQ014AAV1	ERSQ016AAV1
SINGLE PHASE					
Nominal capacity	Heating	kW	11	14	16
Nominal input	Heating	kW	3.57	4.66	5.57
COP			3.08	3.00	2.88
Operation range	Heating	°C	-20 to +20		
	Domestic water	°C	-20 to +35		
Sound power level	Heating	dB(A)	68	69	71
Sound pressure level	Heating	dB(A)	52	53	55
Dimensions	HxWxD	mm	1345 x 900 x 320		
Weight		kg	120		
Refrigerant charge	R-410A	kg	4.5		
Power Supply			1~/230V/50Hz		
Recommended fuses		A	32		
INDOOR UNIT			EKHBRD011AAV1	EKHBRD014AAV1	EKHBRD016AAV1
FUNCTION HEATING ONLY					
Dimensions	HxWxD	mm	705 x 600 x 695		
Weight		kg	144.25		
Leaving Water Temp		°C	25-80 without electrical heating		
Drain Valve/Fill Valve			Yes		
Material			Precoated sheet metal		

Measuring conditions - EW: 55°C; LW: 65°C; dT: 10°C; ambient conditions: 7°CDB/6°CWB

COMBINATION TABLE INDOOR - ACCESSORIES		EKHBRD011AAV1	EKHBRD014AAV1	EKHBRD016AAV1
Stainless steel DHW cylinder (unvented)	EKHTSU200AA	•	•	•
	EKHTSU260AA	•	•	•
Wired remote control	EKRTW	•	•	•
Wireless remote control	EKRTR + EKRTETS	•	•	•