

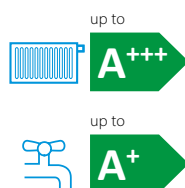
CONNECTED
HEAT PUMP

W-LAN CARTRIDGE
INCLUDED

Daikin Altherma 3 M (4-6-8 kW)



The monobloc standard



E(B/D)LA04-08E(3)V3

Why choose Daikin Altherma air-to-water heat pump?

How does it work?

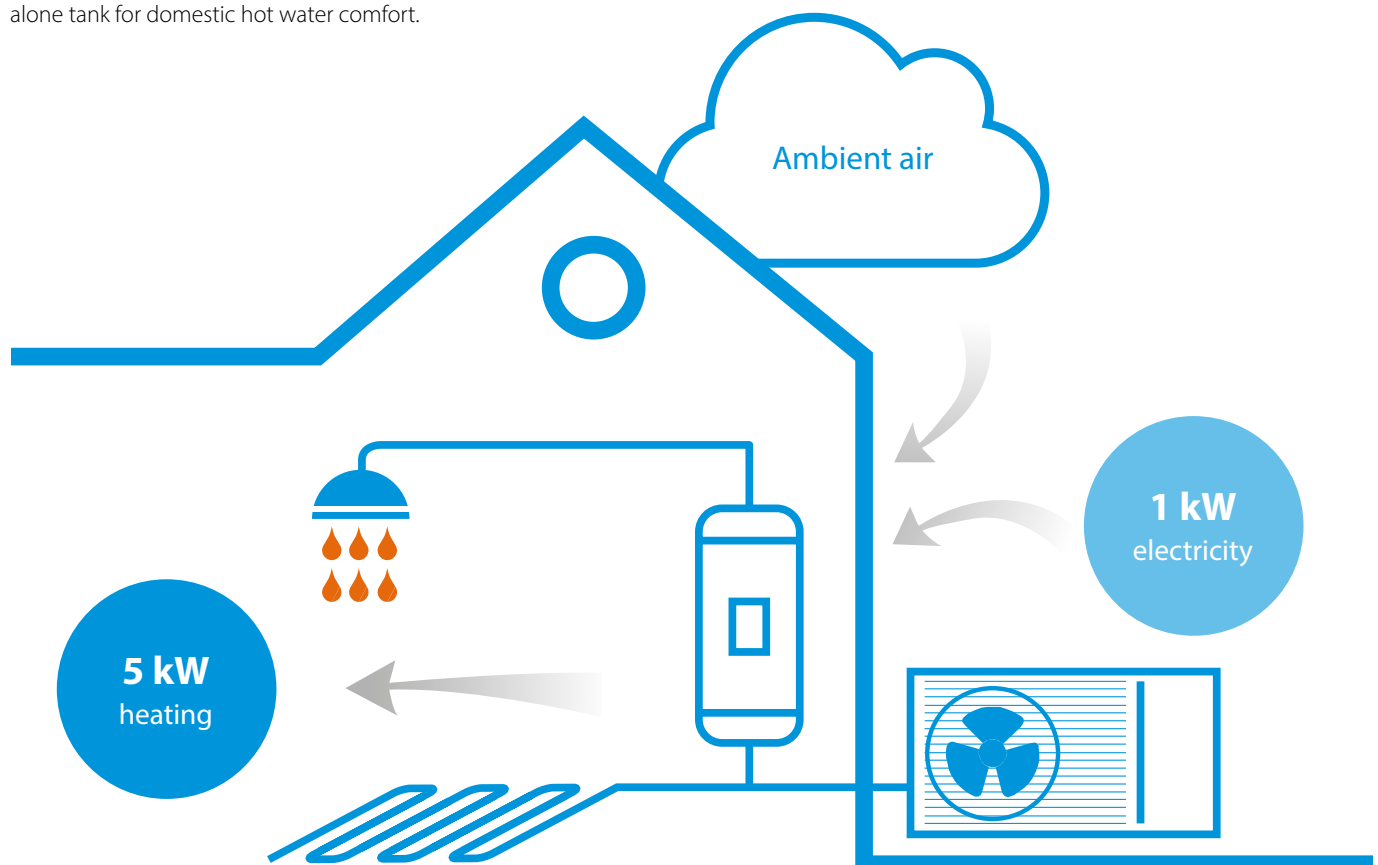
The outdoor unit extracts energy from the air to provide heating, cooling and hot water. They collect up to 75% of their energy in the air, while the rest is provided by electricity. The air-to-water heat pump relies on a compressor and a refrigerant to transfer the energy from the air to the water, and heat the water up to your needs and to deliver it into your house.

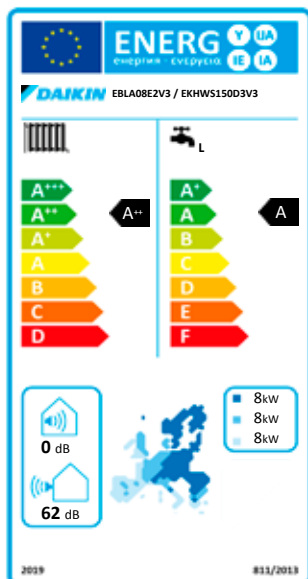
Low temperature heat pump

Typical new build application. Low temperature heat pumps are particularly fitting with underfloor heating and heat pump convectors requiring a lower temperature to provide an equivalent comfort as radiators.

Monobloc heat pump

The monobloc consists a larger outdoor unit also containing the refrigerant circuit. In this case, there is no indoor unit inside, only a wiring centre and a stand-alone tank for domestic hot water comfort.





Highest energy label

Daikin heat pumps comply with the most recent regulations established by the European Union by holding an energy label with the highest scores, up to A+++ in space heating (35°C water outlet) and A+ in domestic water heating.

Did you know?

Since 2015, all heating products must carry an energy label. The space heaters were rated from A++ to G and water heaters from A to G.

On 26th September 2019, new energy labels are available and rate the heating products from A+++ to D in space heating, and from A+ to F in water heating.



Daikin Altherma 3 M

Air-to-water monobloc system that provides **heating**, **domestic hot water** and **optionally cooling**.
Ideal for limited installation space.

- › WLAN cartridge connection standard included
- › Possible to combine with domestic hot water tanks
- › Heating only or reversible models available
- › Monobloc all-in-one concept including all hydraulic parts
- › Optional plug & play integrated 3 kW electric back-up heater
- › Available in one phase



Single Unit					EDLA04E(3)V3	EBLA04E(3)V3	EDLA06E(3)V3	EBLA06E(3)V3	EDLA08E(3)V3	EBLA08E(3)V3
Heating capacity	Nom.		kW		4.30 (1) / 4.60 (2)	4.30 (1) / 4.60 (2)	6.00 (1) / 5.90 (2)	6.00 (1) / 5.90 (2)	7.50 (1) / 7.90 (2)	7.50 (1) / 7.80 (2)
Power input	Heating	Nom.	kW		0.84 (1) / 1.26 (2)	0.84 (1) / 1.26 (2)	1.24 (1) / 1.69 (2)	1.24 (1) / 1.69 (2)	1.63 (1) / 2.23 (2)	1.63 (1) / 2.23 (2)
COP					5.10 (1) / 3.65 (2)	5.10 (1) / 3.65 (2)	4.85 (1) / 3.50 (2)	4.85 (1) / 3.50 (2)	4.60 (1) / 3.50 (2)	4.60 (1) / 3.50 (2)
Cooling capacity	Nom.		kW		-	4.86 (1) / 4.52 (2)	-	5.83 (1) / 5.09 (2)	-	6.18 (1) / 5.44 (2)
Power input	Heating	Nom.	kW		-	0.82 (1) / 1.36 (2)	-	1.08 (1) / 1.55 (2)	-	1.19 (1) / 1.73 (2)
EER					-	5.91 (1) / 3.32 (2)	-	5.40 (1) / 3.28 (2)	-	5.19 (1) / 3.14 (2)
 Space heating	Average climate water outlet 55 °C	General	ηs (Seasonal space heating efficiency)		127	129	127	128	130	131
			SCOP		3.26	3.29	3.26	3.28	3.32	3.35
	Average climate water outlet 35 °C	General	Seasonal space heating eff. class	A++						
			ηs (Seasonal space heating efficiency)		176	179	176	178	179	181
			SCOP		4.48	4.54	4.47	5.52	4.56	4.61
Seasonal space heating eff. class				A+++						
Casing	Colour				Ivory white					
	Material				Zinc coated low carbon steel					
Dimensions	Unit	HeightxWidthxDeph		mm	770 x 1,250 x 362					
Weight	Unit			kg	EV3: 88, E3V3: 91					
Compressor	Quantity				1					
	Type				Hermetically sealed swing compressor					
Operation range	Heating	Ambient	Min.~Max.	°CWB	-25 ~ 25	-25 ~ 35	-25 ~ 25	-25 ~ 35	-25 ~ 25	-25 ~ 35
		Water side	Min.~Max.	°C	EV3: 9 ~ 65 / E3V3: 15 ~ 65					
	Cooling	Ambient	Min.~Max.	°CDB	-	10 ~ 43	-	10 ~ 43	-	10 ~ 43
		Water side	Min.~Max.	°C	-	5 ~ 22	-	5 ~ 22	-	5 ~ 22
	Domestic hot water	Ambient	Min.~Max.	°CDB	-27 ~ 35					
Refrigerant	Type				25 ~ 55					
	GWP				R-32					
	Charge			kg	675					
	Charge			TCO2Eq	185					
	Control				0.91					
					Expansion valve					
	Sound power level	Heating	Nom.	dBA	58		60		62	
Power supply	Name/Phase/Frequency/Voltage				V3/1~/50/230					
Current	Recommended fuses				20				25	

(1) Cooling Ta 35°C - LWA 18°C (DT=5°C), Heating Ta DB/WB 7°C/6°C - LWC 35°C (DT=5°C) (2) Cooling Ta 35°C - LWA 7°C (DT=5°C), Heating Ta DB/WB 7°C/6°C - LWC 55°C (DT=5°C). This product contains fluorinated greenhouse gases.

*Domestic hot water in combinations with stainless steel tank EKHWS(U)-D and ECH₂O thermal store EKHWP-(P)B.



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