



Daikin Altherma 3 R F

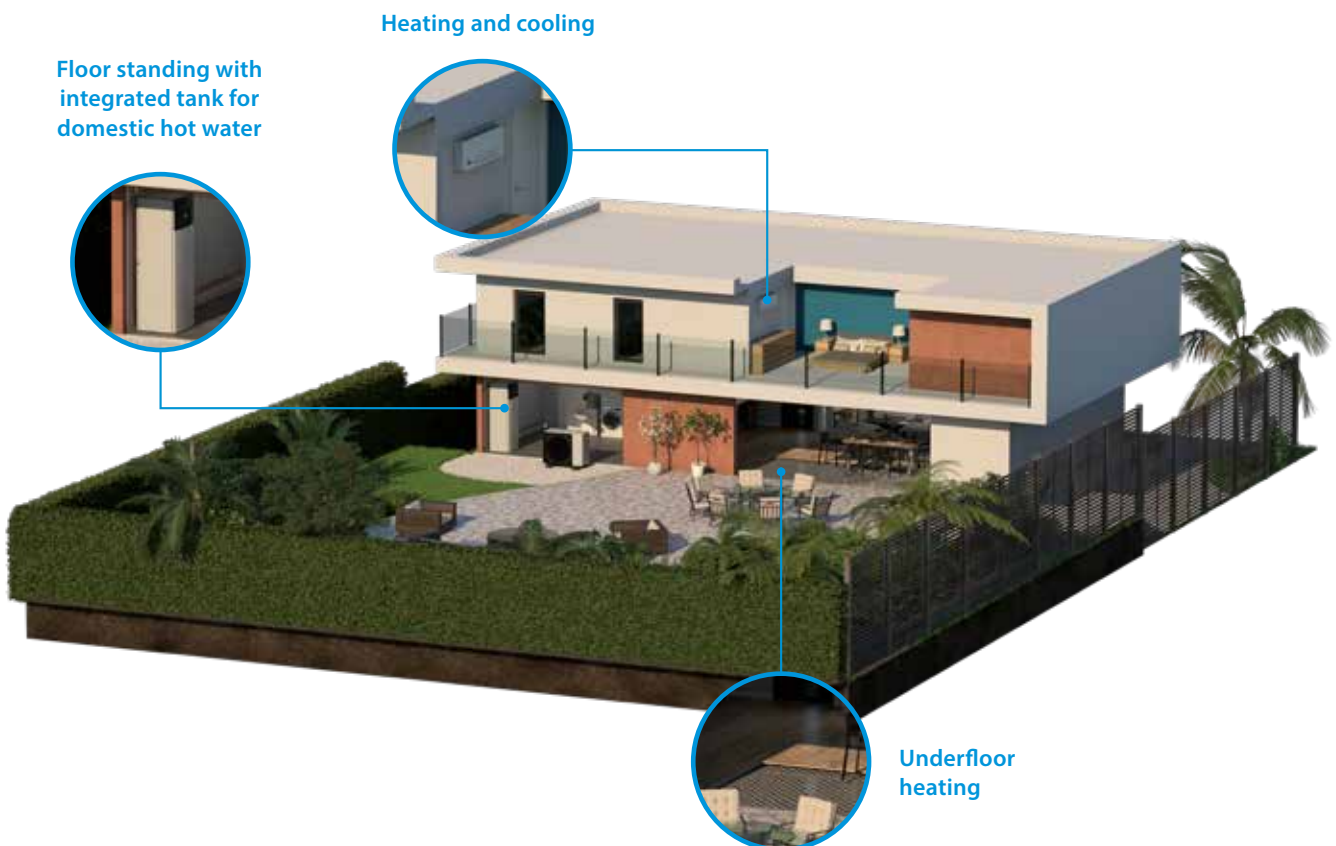
Floor standing unit with integrated tank

Why choose Daikin floor standing unit with integrated domestic hot water tank?

The Daikin Altherma 3 floor standing unit is the ideal system **to deliver heating, domestic hot water and cooling** for renovation or large new built.

All in one system to save installation space and time

- › A combined stainless steel domestic hot water tank of 180 or 230 L and heatpump ensures a faster installation compared to traditional systems.
- › Inclusion of all hydraulic components means no third party components are required.
- › PCB board and hydraulic components are located in the front for easy access
- › Small installation footprint of 595 x 634 mm
- › Integrated back-up heater choice of 6, 9 kW models are available
- › Dedicated bi-zone models allowing temperature monitoring for 2 zones.



All-in one design

Reduces the installation footprint and height

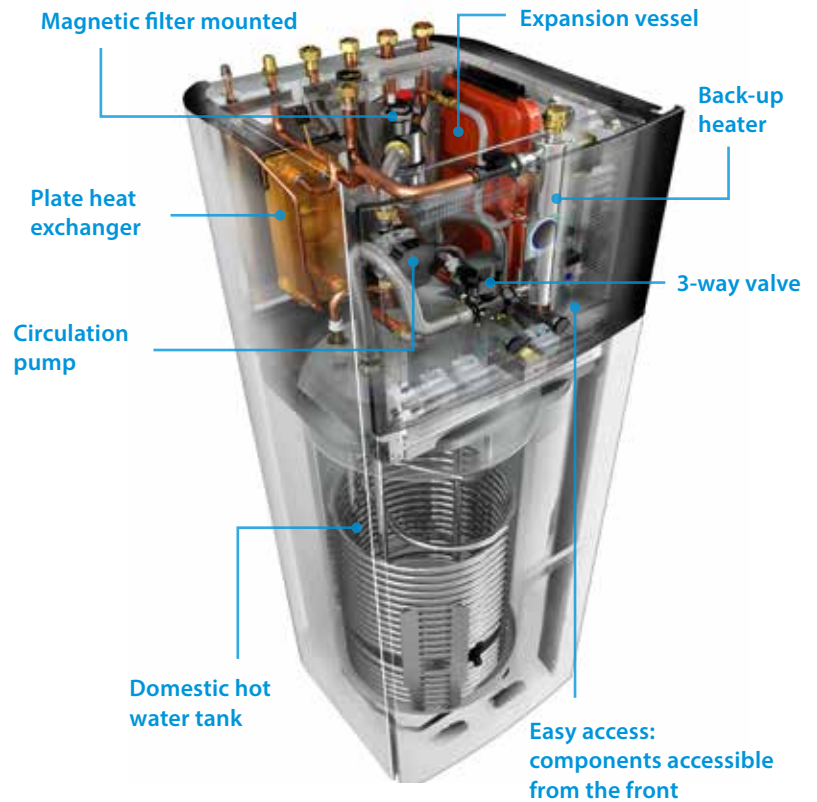
Compared to the traditional split version for a wall mounted indoor unit and a separate domestic hot water tank, the integrated indoor unit greatly reduces the installation space required.

With a small footprint of 595 x 634 mm, the integrated indoor unit has a similar footprint when compared to other household appliances.

For installation projects, almost no side clearance is necessary as the piping is located at the top of the unit.

With an installation height of 1,65 m for an 180 L tank and 1,85 m for a 230 L tank, the required installation height is less than 2m.

The compactness of the integrated indoor unit is emphasised by its sleek design and modern look, easy blending in with other household appliances.



Advanced user interface



The Daikin Eye

The intuitive Daikin eye shows you in real time the status of your system.

Blue is perfect! Should the eye turn red, an error has occurred.

Quick to configure

Log in and you'll be able to completely configure the unit via the new interface in less than 10 steps. You can even check if the unit is ready for use by running test cycles!

Easy operation

Work super-fast with the new interface. It's super easy to use with just a few buttons and 2 navigational knobs.

Beautiful design

The interface was especially designed to be very intuitive. The high contrasted colour screen delivers stunning and practical visuals that really help you as installer or service engineer.

Integrated indoor unit



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Floor standing air to water heat pump for heating and hot water

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- › Inclusion of all hydraulic components means no third party components are required
- › PCB board and hydraulic components are located in the front for easy access
- › Small installation footprint of 595 x 634 mm
- › Integrated back-up heater of 6 or 9 kW
- › Heat pump operation down to -25°C



up to up to



Efficiency data				EBVH + ERLA		11S18D6V/9W + 11DV/W	11S23D6V/9W + 11DV/W	16S18D6V/9W + 14DV/W	16S23D6V/9W + 14DV/W	16S18D6V/9W + 16DV/W	16S23D6V/9W + 16DV/W	
Space heating	Average climate water outlet 55°C	General	SCOP			3.23		3.22		3.32		
			η _{sp} (Seasonal space heating efficiency)			126				130		
			Seasonal space heating eff. class					A++				
	Average climate water outlet 35°C	General	SCOP			4.63		4.60		4.61		
		η _{sp} (Seasonal space heating efficiency)			182		181					
		Seasonal space heating eff. class					A+++					
Domestic hot water heating	Average climate	General	Declared load profile	L	XL	L	XL	L	XL	L	XL	
			COP _{dhw}	2.73	2.63	2.73	2.63	2.73	2.63	2.73	2.63	
		η _{wh} (water heating efficiency)			116		109		116		109	
		Water heating energy efficiency class			A+		A		A+		A	
Indoor Unit				EBVH		11S18D6V/9W	11S23D6V/9W	16S18D6V/9W	16S23D6V/9W	16S18D6V/9W	16S23D6V/9W	
Casing	Colour	White + Black										
	Material	Precoated sheet metal										
Dimensions	Unit	HeightxWidthxDepth	mm	1,655 x 595 x 634	1,855 x 595 x 634	1,655 x 595x634	1,655 x 595 x 634	1,655 x 595x634	1,855 x 595 x 634			
Weight	Unit		kg	124	133	124	133	124	133			
Tank	Water volume		l	180	230	180	230	180	230			
	Maximum water temperature		°C			70						
	Maximum water pressure		bar			10						
	Corrosion protection					Pickling						
Operation range	Heating	Ambient	Min. ~ Max.			-25 ~ 35						
		Water side	Min. ~ Max.			18 ~ 60						
	Domestic hot water	Ambient	Min. ~ Max.			-25 ~ 35						
		Water side	Min. ~ Max.			10 ~ 60						
Sound power level	Nom.		dBA			44						
Sound pressure level	Nom.		dBA			30						
Outdoor Unit				ERLA		11DV3/W1	14DV3/W1	16DV3/W1				
Dimensions	Unit	HeightxWidthxDepth	mm			870 x 1,100 x 460						
Weight	Unit		kg			101						
Compressor	Quantity					1						
	Type					Hermetically sealed swing inverter compressor						
Operation range	Heating	Min. ~ Max.	°CDB			-25 ~ 35						
	Cooling	Min. ~ Max.	°CDB			10 ~ 43						
	Domestic hot water	Min. ~ Max.	°CDB			-25 ~ 35						
Refrigerant	Type					R-32						
	GWP					675						
	Charge		kg			3.80						
	Charge		TCO ₂ Eq			2.57						
	Control					Expansion valve						
LW(A) Sound power level (according to EN14825)						62						
Sound pressure level (at 1 meter)	Nom.					48						
Power supply	Name/Phase/Frequency/Voltage		Hz/V			V3/1 ~ /50/230 / W1/3 ~ /50/400						
Current	Recommended fuses		A			32 / 16						

This product contains fluorinated greenhouse gases.