

# Daikin Altherma 3 R F

## 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

- 011-1W0495
- 011-1W0496
- 011-1W0497
- 011-1W0498
- 011-1W0499
- 011-1W0500

Efficiency data				EBVH + ERLA	11S18D6V/9W + 11DV/W	11S23D6V/9W + 11DV/W	16S18D6V/9W + 14DV/W	16S23D6V/9W + 14DV/W	16S18D6V/9W + 16DV7/W7	16S23D6V/9W + 16DV7/W7
Space heating	Average climate water outlet 55°C	General	SCOP		3.23		3.22		3.32	
			ηs (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	
ηs (Seasonal space heating efficiency)			%	182		181				
Seasonal space heating eff. class						A+++				
Domestic hot water heating	General	Declared load profile		L	XL	L	XL	L	XL	
			Average COPdhw	2.73	2.63	2.73	2.63	2.73	2.63	
	Average climate	General	ηwh (water heating efficiency)	%	116		109		116	
			Water heating energy efficiency class			A+	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.	°C					
		Water side	Min. ~ Max.	°C					
	Domestic hot water	Ambient	Min. ~ Max.	°C					
		Water side	Min. ~ Max.	°C					
Sound power level	Nom.		dBA						
Sound pressure level	Nom.		dBA						

  

Outdoor Unit			ERLA	11DV3/W1	14DV3/W1	16DV37/W17
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 <sub>Eq</sub>	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.