

# Daikin Altherma 3 R F

Floor standing integrated with **two different temperature zones monitoring**

- › 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				EBVZ + ERLA	16S18D6V/9W + 11DV/W	16S23D6V/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 ηs (Seasonal space heating efficiency) %	3.23			3.22		3.32	
			Seasonal space heating eff. class	131			126		130	
	Average climate water outlet 35°C	General	SCOP ηs (Seasonal space heating efficiency) %	4.61			4.60		4.61	
			Seasonal space heating eff. class	182			181			
Domestic hot water heating	General	Declared load profile		L	XL	L	XL	L	XL	
	Average climate	COPdhw		2.73	2.63	2.73	2.63	2.73	2.63	
		ηwh (water heating efficiency) %		116	109	116	109	116	109	
		Water heating energy efficiency class		A+	A	A+	A	A+	A	
Indoor Unit				EBVZ	16S18D6V/9W	16S23D6V/9W	16S18D6V/9W	16S23D6V/9W	16S23D6V/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 595 x 634	1,855 x 595 x 634	1,655 x 595x634	1,855 x 595 x 634	
Weight	Unit		kg	137	145	137	145	137	145	
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	-25 ~ 35					
		Water side	Min. ~ Max.	°C	18 ~ 60					
	Domestic hot water	Ambient	Min. ~ Max.	°C	-25 ~ 25					
		Water side	Min. ~ Max.	°C	10 ~ 60					
Sound power level	Nom.		dBA	44						
Sound pressure level	Nom.		dBA	30						
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>2</sub> 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.