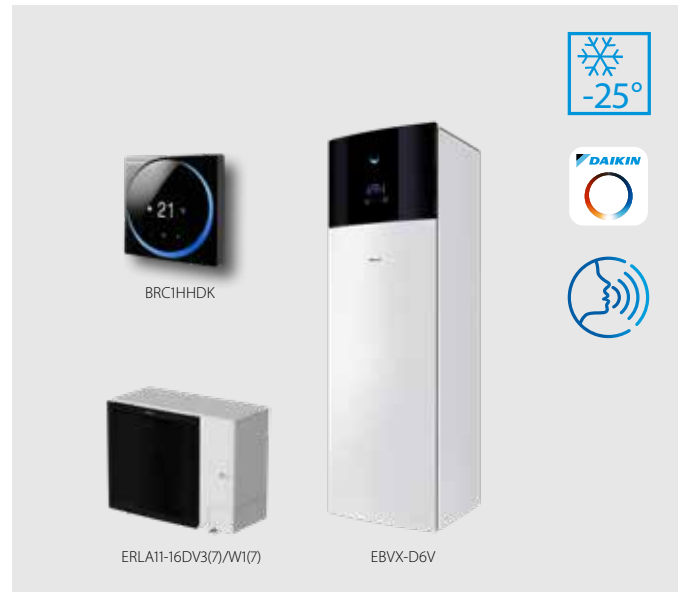


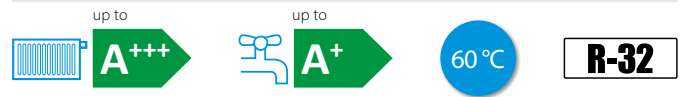
Daikin Altherma 3 R F

Floor standing air to water heat pump for heating, cooling 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



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



Efficiency data				EBVX + 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		3.27		3.26		3.35	
			ηs (Seasonal space heating efficiency) %		128				131	
	Seasonal space heating eff. class				A++					
	Average climate water outlet 35°C	General	SCOP		4.72				4.68	
ηs (Seasonal space heating efficiency) %				186				184		
Seasonal space heating eff. class				A+++						
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
	Average climate	General	ηwh (water heating efficiency) %		116	109	116	109	116	109
			Water heating energy efficiency class			A+	A	A+	A	A+
Indoor Unit				EBVX	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 595 x 634	1,855 x 595 x 634	1,655 x 595 x 634	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	-25 ~ 35					
		Water side	Min. ~ Max.	°C	18 ~ 60					
	Cooling	Ambient	Min. ~ Max.	°C	10 ~ 43					
		Water side	Min. ~ Max.	°C	5 ~ 22					
	Domestic hot water	Ambient	Min. ~ Max.	°C	-25 ~ 35					
		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	16DV3/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 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.