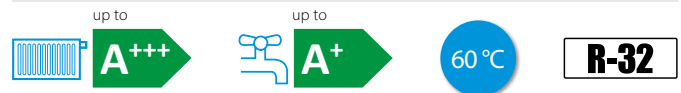


Daikin Altherma 3 R F

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



Efficiency data				EBVX + 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
	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+++							
	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
	Climate	ηwh (water heating efficiency)			116	109	116	109	116	109
		Water heating energy efficiency class			A+	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 595x 634	1,855 x 595 x 634	
Weight	Unit				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/W1	
Dimensions	Unit	HeightxWidthxDepth	mm	870 x 1,100 x 460						
Weight	Unit				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					