

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		
Space heating	Average climate water outlet 55°C	General	SCOP	3,27		3,26		3,35										
			ηs (Seasonal space heating efficiency)	128		131												
	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++		A+++												
Domestic hot water heating	General climate	Declared load profile		L	XL	L	XL	L	XL	L	XL	L	XL	L	XL	L	XL	
		COPdhw	2,73		2,63		2,73		2,63		2,73		2,63		2,73		2,63	
		ηwh (water heating efficiency)	116		109		116		109		116		109		116		109	
		Water heating energy efficiency class	A+		A		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	1,655x595x634	1,855x595x634	1,655x595x634	1,855x595x634	1,655x595x634	1,855x595x634	1,655x595x634	1,855x595x634	1,655x595x634	1,855x595x634	1,655x595x634	1,855x595x634		
Weight	Unit		kg	124	133	124	133	124	133	124	133	124	133	124	133		
Tank	Water volume		l	180	230	180	230	180	230	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													
	Cooling	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	44													
Sound pressure level	Nom.		dBA	30													

Outdoor Unit				ERLA		11DV3/W1		14DV3/W1		16DV3/W1	
Dimensions	Unit	HeightxWidthxDepth	mm			870x1100x460					
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.