

Daikin Altherma 3 H HT 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 230 L 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 625 mm
- › Integrated back-up heater of 6 or 9 kW
- › Heat pump operation down to -28 °C



011-1W0353-354
011-1W0357-358
011-1W0361-362

Efficiency data				ETVX + EPRA	16S18E6V7/E9W7 + 14DV7/W7	16S23E6V7/E9W7 + 14DV7/W7	16S18E6V7/E9W7 + 16DV7/W7	16S23E6V7/E9W7 + 16DV7/W7	16S18E6V7/E9W7 + 18DV7/W7	16S23E6V7/E9W7 + 18DV7/W7	
	Average climate water outlet 55 °C	General	SCOP	%	3.62 / 3.63						
			ηs (Seasonal space heating efficiency)		142						
			Seasonal space heating eff. class		A++						
	Average climate water outlet 35 °C	General	SCOP	%	4.57 / 4.81						
			ηs (Seasonal space heating efficiency)		180 / 190						
	Average climate	General	Seasonal space heating eff. class		A+++						
			Declared load profile		L	XL	L	XL	L	XL	
			COPdhw		2.62 / 2.51	2.61 / 2.55	2.62 / 2.51	2.61 / 2.55	2.62 / 2.51	2.61 / 2.55	
			ηwh (water heating efficiency)	%	110 / 106	108 / 107	110 / 106	108 / 107	110 / 106	108 / 107	
	Water heating energy efficiency class		A								
Indoor Unit				ETVX	16S18E6V7/E79W7	16S23E6V7/E79W7	16S18E6V7/E79W7	16S23E6V7/E79W7	16S18E6V7/E79W7	16S23E6V7/E79W7	
Casing	Colour				White + Black						
	Material				Precoated sheet metal						
Dimensions	Unit	HeightxWidthxDepth		mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	
Weight	Unit				kg	109	118	109	118	109	118
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	-28 ~ 35						
		Water side	Min.~Max.	°C	15 ~ 70						
	Cooling	Ambient	Min.~Max.	°C	10 ~ 43						
		Water side	Min.~Max.	°C	5 ~ 22						
	Domestic hot water	Ambient	Max.	°C	-28 ~ 35						
		Water side	Min.~Max.	°C	10 ~ 63						
Sound power level	Nom.			dBA	44						
Sound pressure level	Nom.			dBA	30						
Outdoor Unit				EPRA	14DV37/W17		16DV37/W17		18DV37/W17		
Dimensions	Unit	HeightxWidthxDepth		mm	1,003x1,270x533						
Weight	Unit				kg	146/151					
Compressor	Quantity				1						
	Type				Hermetically sealed scroll compressor						
Operation range	Heating	Min.~Max.		°CDB	-28 ~ 25						
	Cooling	Min.~Max.		°CDB	10 ~ 43						
	Domestic hot water	Min.~Max.		°CDB	-28 ~ 35						
Refrigerant	Type				R-32						
	GWP				675						
	Charge			kg	4.20						
	Charge			TCO ₂ Eq	2.84						
	Control				Expansion valve						
LW(A) Sound power level (according to EN14825)					54						
Sound pressure level (at 1 meter)	Nom.				43.0				48.0		
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.