

Daikin Altherma 3 R MT F

Floor standing unit integrated with different temperature zones management

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- › Bi-zone allows temperature monitoring for 2 zones. Connect underfloor heating to radiators to optimise efficiency
- › Quick configuration in 9 steps in a high resolution colour interface wizard
- › Inclusion of all hydraulic components means no third party components are required
- › The unit's sleek design blends in with other household appliances



up to

- 011-1W0651
- 011-1W0652
- 011-1W0653
- 011-1W0654
- 011-1W0655
- 011-1W0656

Efficiency data				ELVZ + ERRA	12S18E6V/9W + 08EW1	12S23E6V/9W + 08EW1	12S18E6V/9W + 10EW1	12S23E6V/9W + 10EW1	12S18E6V/9W + 12EW1	12S23E6V/9W + 12EW1
Space heating	Average climate water outlet 55 °C	General	SCOP		3,42		3,43		3,58	
			ηs (Seasonal space heating efficiency)	%	134		134		138	
	Average climate water outlet 35 °C	General	SCOP		4,81		4,84			
			ηs (Seasonal space heating efficiency)	%	190		191			
Domestic hot water heating	General	Declared load profile			L					
		COP	dhwh		2,8	3,05	2,8	3,05	2,8	3,05
		ηwh (water heating efficiency)	%		120	130	120	130	120	130
		Water heating energy efficiency class			A+					
Indoor Unit				ELVZ	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/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	133	141	133	141	133	141	
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 ~ 25					
		Water side	Min.~Max.	°C	15 ~ 65					
	Domestic hot water	Ambient	Min.~Max.	°C	-25 ~ 35					
		Water side	Min.~Max.	°C	25 ~ 62					
Sound power level	Nom.		dBA	44						
Sound pressure level	Nom.		dBA	30						
Outdoor Unit				ERRA	08EW1	08EW1	10EW1	10EW1	12EW1	12EW1
Dimensions	Unit	HeightxWidthxDepth	mm	1,003 x 1,270 x 533						
Weight	Unit		kg	107						
Compressor	Quantity			1						
	Type			Hermetically sealed swing compressor						
Operation range	Heating	Min.~Max.	°CDB	-25 ~ 25						
	Cooling	Min.~Max.	°CDB	10 ~ 43						
	Domestic hot water	Min.~Max.	°CDB	-25 ~ 35						
Refrigerant	Type			R-32						
	GWP			675						
	Charge		kg	3,25						
	Charge		TCO,Eq	2,19						
	Control			Expansion valve						
LW(A) Sound power level (according to EN14825)				56						
Sound pressure level (at 1 meter)	Nom.			41,1						
Power supply	Name/Phase/Frequency/Voltage		Hz/V	W1/3~/50 /400						
Current	Recommended fuses		A	16						

This product contains fluorinated greenhouse gases.

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011-IW0651
011-IW0652
011-IW0653
011-IW0654
011-IW0655
011-IW0656

Efficiency data				ELVZ + ERRA	12S18E6V/9W + 08EV3	12S23E6V/9W + 08EV3	12S18E6V/9W + 10EV3	12S23E6V/9W + 10EV3	12S18E6V/9W + 12EV3	12S23E6V/9W + 12EV3
Space heating	Average climate water outlet 55 °C	General	SCOP	3,34						
			ηs (Seasonal space heating efficiency) %	130		131		135		
	Seasonal space heating eff. class	A++								
	Average climate water outlet 35 °C	General	SCOP	4,69		4,71				
ηs (Seasonal space heating efficiency) %			184		186					
Seasonal space heating eff. class	A+++									
Domestic hot water heating	General	Declared load profile		L						
		COP	dhw	2,72	2,96	2,72	2,96	2,72	2,96	
	Average climate	General	ηwh (water heating efficiency) %	117	126	117	126	117	126	
			Water heating energy efficiency class	A+						
Indoor Unit				ELVZ	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/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	133	141	133	141	133	141	
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						
		Water side	Min.~Max.	°C						
	Domestic hot water	Ambient	Min.~Max.	°C						
		Water side	Min.~Max.	°C						
Sound power level	Nom.		dB	44						
Sound pressure level	Nom.		dB	30						
Outdoor Unit				ERRA	08EV3	08EV3	10EV3	10EV3	12EV3	12EV3
Dimensions	Unit	HeightxWidthxDepth	mm	1,003 x 1,270 x 533						
Weight	Unit		kg	107						
Compressor	Quantity			1						
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	Domestic hot water	Min.~Max.	°CDB	-25 ~ 35						
Refrigerant	Type			R-32						
	GWP			675						
	Charge		kg	3,25						
	Charge		TCO _{Eq}	2,19						
	Control			Expansion valve						
LW(A) Sound power level (according to EN14825)				54						
Sound pressure level Nom. (at 1 meter)				40,6						
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50 /230						
Current	Recommended fuses		A	32						

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