



Product Fiche

Alfea Extensa Duo AI10 R32 WOYA100KLT

Model(s):	Alfea Extensa Duo AI10 R32		
Outdoor unit reference:	WOYA100KLT		
Air / water heat pump:	Yes		
Equipped with a backup heater	Yes		
Temperature control	Variable Outlet		
Parameters are declared for:	Low & High temperature applications		
Parameters are declared for:	Average Climate conditions		
Heating applications		35°C	55°C
EN14825 - Space heating			
Energy class (product & package)	-	-	A+++ A++
Rated heat output (*)	Prated	kW	9 8
Rated energy efficiency	ns	%	178 130
Declared heat output with a partial load for an indoor temperature of 20°C and an outdoor temp. of Tj			
Tj = -7°C = Bivalent temperature	Pdh	kW	7.50 7.30
Tj = +2°C	Pdh	kW	4.60 4.40
Tj = +7°C	Pdh	kW	3.90 3.60
Tj = + 12 °C	Pdh	kW	4.40 4.30
Tj = bivalent temperature	Pdh	kW	7.50 7.30
Tj = operating temperature	Pdh	kW	7.30 7.10
Degradation coefficient (**)	Cdh	-	1.00 1.00
Declared coefficients of performance with a partial load for an indoor temperature of 20°C and an outdoor temp. of Tj			
Tj = -7°C = Bivalent temperature	COPd	-	2.98 2.05
Tj = +2°C	COPd	-	4.46 3.24
Tj = +7°C	COPd	-	5.89 4.47
Tj = + 12 °C	COPd	-	7.14 5.97
Tj = bivalent temperature	COPd	-	2.98 2.05
Tj = operating temperature	COPd	-	2.71 1.72
Operating temperature limit	TOL	°C	-10
Maxoperating temperature	WTOL	°C	55
Backup heater			
Rated heat output (*) (Electric)	Psup	kW	1.20 1.10
Annual Energy consumption	Qhe	kWhr	3875 5083
Electricity consumption in modes			
Shutdown	Poff	W	4
Thermostat	Pto	W	20 21
Standby	Psb	W	8
Acoustic data			
Sound Power Level of Outdoor unit	Lwa	dB (A)	62
Sound Power Level of Indoor unit	Lwa	dB (A)	40
EN16147- Domestic Hot Water production			
Declared Load profile	-	-	L
Energy class (product & package)	-	-	A+
Water Heating efficiency	nwh	%	130
COP			3.1
Reference Hot Water Temp		°C	54
Standby Heat Loss		kWhr/day	2.12
Volume of Water accounted for in test		Litre	245

The products Listed conform to EN16147 and also comply with EU 814/2013
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