



Product Fiche

Alfea Extensa Duo AI8 R32 WOYA080KLT

Model(s):	Alfea Extensa Duo AI8 R32		
Outdoor unit reference:	WOYA080KLT		
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	7 6
Rated energy efficiency	ns	%	177 128
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	5.80 5.50
Tj = +2°C	Pdh	kW	3.50 3.30
Tj = +7°C	Pdh	kW	2.30 2.10
Tj = + 12 °C	Pdh	kW	2.50 2.40
Tj = bivalent temperature	Pdh	kW	5.80 5.50
Tj = operating temperature	Pdh	kW	5.60 5.00
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	-	2.70 1.91
Tj = +2°C	COPd	-	4.35 3.18
Tj = +7°C	COPd	-	6.32 4.52
Tj = + 12 °C	COPd	-	8.07 6.37
Tj = bivalent temperature	COPd	-	2.70 1.91
Tj = operating temperature	COPd	-	2.35 1.69
Operating temperature limit	TOL	°C	-10
Maxoperating temperature	WTOL	°C	55
Backup heater			
Rated heat output (*) (Electric)	Psup	kW	0.90 1.20
Annual Energy consumption	Qhe	kWhr	2982 3903
Electricity consumption in modes			
Shutdown	Poff	W	4
Thermostat	Pto	W	14 14
Standby	Psb	W	10
Acoustic data			
Sound Power Level of Outdoor unit	Lwa	dB (A)	60
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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