



## Product Fiche

### Alfea Extensa Duo AI5 R32 WOYA060KLT

Model(s):	Alfea Extensa Duo AI 5. R32		
Outdoor unit reference:	WOYA060KLT		
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		<b>35°C</b>	<b>55°C</b>
<b>EN14825 - Space heating</b>			
Energy class (product & package)	-	-	A+++ A++
Rated heat output (*)	Prated	kW	5 5
Rated energy efficiency	ns	%	175 125
<b>Declared heat output with a partial load for an indoor temperature of 20°C and an outdoor temp. of Tj</b>			
Tj = -7°C = Bivalent temperature	Pdh	kW	4.40 4.20
Tj = +2°C	Pdh	kW	2.70 2.50
Tj = +7°C	Pdh	kW	2.10 1.90
Tj = + 12 °C	Pdh	kW	2.40 2.30
Tj = bivalent temperature	Pdh	kW	4.40 4.20
Tj = operating temperature	Pdh	kW	4.00 3.80
Degradation coefficient (**)	Cdh	-	0.96 0.97
<b>Declared coefficients of performance with a partial load for an indoor temperature of 20°C and an outdoor temp. of Tj</b>			
Tj = -7°C = Bivalent temperature	COPd	-	2.84 1.99
Tj = +2°C	COPd	-	4.40 3.11
Tj = +7°C	COPd	-	5.85 4.25
Tj = + 12 °C	COPd	-	7.39 5.91
Tj = bivalent temperature	COPd	-	2.84 1.99
Tj = operating temperature	COPd	-	2.68 1.71
Operating temperature limit	TOL	°C	-10
Maxoperating temperature	WTOL	°C	55
<b>Backup heater</b>			
Rated heat output (*) (Electric)	Psup	kW	1.00 1.00
Annual Energy consumption	Qhe	kWhr	2322 3035
<b>Electricity consumption in modes</b>			
Shutdown	Poff	W	4
Thermostat	Pto	W	12 13
Standby	Psb	W	10
<b>Acoustic data</b>			
Sound Power Level of Outdoor unit	Lwa	dB (A)	57
Sound Power Level of Indoor unit	Lwa	dB (A)	40
<b>EN16147- Domestic Hot Water production</b>			
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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