


WDH JA2921 INVERTER MONOBLOCK HEATPUMP

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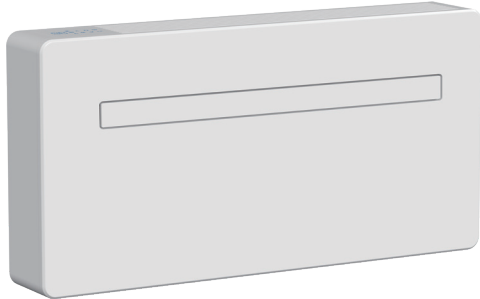
Product data sheet

Brand name	Qlima	
Model	WDH JA2921 INVERTER	
Sound power level ¹	dB(A)	58

Refrigerant GWP²

Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 3. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 3 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

3



EER / EE-Class	W/W	2.6 / A
COP / COP-Class	W/W	3.1 / A
Indicative hourly electricity consumption - Cooling (Q _{sd/c})	kW	TBD
Indicative hourly electricity consumption - Heating (Q _{sd/h})	kW	TBD
Capacity Cooling (P rated) ²	kW	2.93
Capacity Heating (P rated)	kW	2.35

Product specifications

Colour	White
Material	Metal
EAN	8713508786728

Technical specifications

		Cooling	Heating
Capacity min - max	kW	1.0 - 3.525	0.7 - 2.962
Power consumption (nom.)	kW	1.12	0.745
Power consumption standby mode	W		1
Power supply	V/Hz/Ph	220-240 / 50 / 1	
Current - Cooling	A	4.8	
Current - Heating	A	3.2	
Air flow ¹	m ³ /h	350/450/550	
For rooms from ¹	m ³	60	
For rooms up to ¹	m ³	85	
Dehumidification capacity ³	L/day	84	
Operating range	°C	-15/35	
Thermostatic range	°C	16/30	
Sound pressure level	dB(a)	47	
Sound pressure level-silent mode	dB(a)	30	
Fan speed		3	
Control		IR and WIFI	
Refrigerant	R	R290	
Charge	gr	290	
CO ₂ equivalent		0.00087	
Dimensions (w x d x h)	mm	1000x205x585	
Compressor type		Rotary	
Protection class	IP	IPX0	
Weight	kg	38	

1 To be used as indication

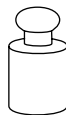
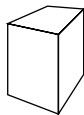
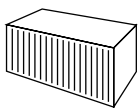
2 Measured conform EN 14511-2011

3 Moisture removal at 32°C, 80% RH

Accessories

Ducting sheet
Indoor cover
Remote control
Outdoor cover
Screw set
Wall template

 **1** YEARS guarantee



20 ft = 102
40 ft = 210
HQ = 280

W x D x H =
1115 x 330 x 660 mm

Gross weight =
45 kg

Qlima
HOME MADE CLIMATES

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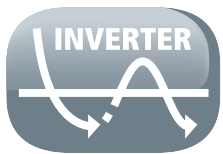
WIFI - Tuya App



Remote control



3 Fan speed settings



Inverter technology



Environmental friendly refrigerant



Dehumidification function

Features

Electronic controls:

The unit is equipped with electronic touch controls.

Fan speed setting:

Select the fan speed: low, medium or high. The display will show the chosen speed.

Timer:

Operating time to be set up to 24 hours. The unit switches off or on automatically when the set time has run down.

Air conditioning:

The unit produces, with relatively high energy efficiency (A-rating), a pleasant and refreshing high capacity cool airflow. Unhealthy particles are captured by the air filters. Performance is optimal when the entering of warm outside air

Airflow:

Move the air vent direction by adjusting the grill at the front side of the air conditioner and by moving the vertical and horizontal louvers.

Wall mounted:

This monoblock unit can be installed by creating two 18cm holes in the wall. Since the unit is hermetically closed no certified installer is needed for commissioning of the unit.

Cooling + dehumidifying + heating (heat pump):

The air conditioning is a complete air treatment system. It can cool, dehumidify and heat the air.

Inverter technology: maximum comfort:

The Klima DC Inverter Monoblock Heatpump air conditioner continuously adjusts the cooling and heating capacity according to the desired room temperature. When the desired temperature is reached, the compressor speed is gradually decreased to maintain the room temperature with a minimum of variation. By varying gradually the compressor capacity, the expected lifetime as well as the experienced comfort level will increase. Looking at the experienced comfort level for the user of the inverter system: Non-inverter air conditioners, which operate at a constant speed, must turn compressor to control the room temperature causing less comfortable temperature fluctuations.

Inverter technology:

minimum energy consumption: The compressor starts to slow down as the room temperature reaches the desired temperature. As a result, the over all power consumption is reduced significantly (up to 35% less than non inverter/ conventional types).

Environment friendly refrigerant R290:

The most preferred and environmental friendly refrigerant R290 is used in the air conditioner.
