

# WDH 435 PTC

## Monoblock airco cooling and heating



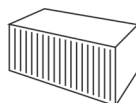
### Product data sheet

Product category	Monoblock airco cooling and heating
Brand	Qlima
Model	WDH 435 PTC
Colour	White
EAN code	8713508001050

### Technical specifications

		Cooling	Heating
EER / COP	W/W	2,6	3,6
Energy efficiency class average season		A	A+
Energy consumption - hourly indicative (Qsd/c) (Qsd/h)	kWh	1,34	0,815
Rated power cooling / heating (max.)	kW	3,5	2,93
Capacity (min. - max.)	kW	1.3 ~ 4.1	0.8 ~ 4.1
Current (max.) Cooling / Heating	A	6	4
Power consumption in stand-by	W		1,3
Power supply	V/Hz/Ph	220 - 240~ / 50 / 1	
Airflow (low/mid/high)	m³/h	320/ 460/ 550	
For rooms up to	m³	60 ~ 110	
For areas up to	m²	24 ~ 44	
Dehumidification capacity	l/24 h	58	
Operating range	°C	-7 ~ 35	
Thermostatic range	°C	16 ~ 30	
Sound power level (SWL)	dB	59	
Fan speeds	positions	3	
Control		touch panel / Wi-Fi	
Refrigerant type / GWP / Charge	R/g	R290 / 3 / 290	
CO <sub>2</sub> equivalent	tonnes	0,00087	
Protection class		IPX0	
Compressor type		rotary	
Air duct	mm	180	
Dimensions (w x d x h)	mm	1000 x 205 x 585	
Weight - unit	kg	43,5	
Warranty	year	2	
Warranty compressor	year	4	

All data is measured in accordance with applicable EU specified standards at the time of production. To be used for indicative purposes only.



20 ft = 102  
40 ft = 210  
40 HQ = 278



W x D x H =  
112 x 34 x 66 cm



Gross weight  
50 kg

# Qlima

### Package content

Monoblock airco, Remote control, Ventilation kit (2x), Plastic pipe sheet (2x), Wall template, Wall fixings, Wall plate, Wall bracket screws, Lid set, Self-tapping screw 4x10, User manual

### Accessories (to order)

Description	EAN code



WiFi functionality

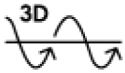


Remote control



1-2-3

3 Fan speeds



3D Inverter technology



R290

Eco-friendly refrigerant

R290



Dehumidifier function

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**No outdoor unit:** This monoblock heatpump only has an indoor unit, where the normal operation of indoor and outdoor unit is incorporated. Ideal for locations where the installation of an outdoor unit is not possible / allowed.

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**Wi-Fi:** Powered by Tuya: Smart air conditioning, remotely controlled with Wi-Fi via Tuya App.

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**Electronic controls:** The unit is equipped with electronic controls.

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

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

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**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.

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**Air conditioning:** The unit produces, with relatively high energy (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.

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**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.

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**Heat pump technology:** The monoblock air conditioner offers year-round climate control: cooling, heating and dehumidifying the air. The efficient heating function of the monoblock can contribute to significantly lower energy, especially in the mid-season. However, because the effectiveness decreases at lower outside temperatures, a second heat source (electricity/gas/oil) is necessary to guarantee the required heat demand at all times.

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**Inverter technology:** maximum comfort: The Inverter Monoblock reached the desired room temperature very quickly. In order to maintain this set temperature, the compressor decreases its capacity gradually.

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**Inverter technology:** Energy efficient: This monoblock heat pump works according the Inverter principle: the most efficient way of temperature control.

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**Refrigerant gas R290:** Natural gas with high energy efficiency. Environmentally friendly, R290 gas has a neutral impact on the ozone layer.

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**Silent mode:** In the silent mode the sound level is reduced. Since there is no outdoor unit, your neighbours will not experience any noise nuisance.

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