

PSL

Portable air conditioner

Cooling capacity 2,6 ÷ 3,4 kW
 Heating capacity 2,3 ÷ 2,7 kW



- New R290 natural refrigerant gas.
- Reversible heat pump.
- Compact, manoeuvrable and silent.
- Modern design to blend with all furnishing styles.
- Special coil with fin blue coating.



DESCRIPTION

PSL portable air conditioner, ideal for heating, cooling, dehumidification or ventilation only both at home and at the office.

Adapts to any kind of decor, thanks to its compact and elegant design; it is mounted on wheels and can be used in multiple rooms, and is easily transportable and installable.

Equipped with a specific tank to collect the moisture removed from the environment during cooling, heating or dehumidification.

The on-board control panel with display, allows to easily and precisely set the desired temperature set-points.

FEATURES



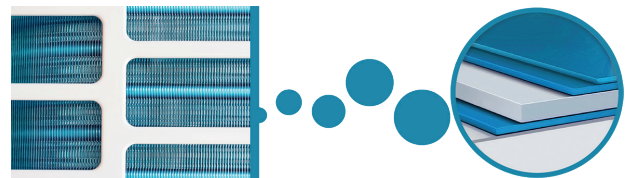
Operation

The cooled, heated and/or dehumidified air exits the front grille and directed vertically by movable fins. The air to be treated is drawn through filters from the rear. The hot air is expelled through a hose that is attached by means of a special flange on the rear of the portable air conditioner unit.

The air filters are easy to remove and wash.

Special blue fin coil

Unlike normal batteries, this special blue epoxy coating is able to protect the heat exchanger against rust and corrosion, in areas where the air has a high salt content.



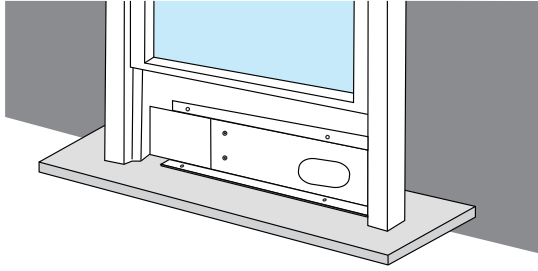
GENERAL FEATURES

- Remote control standard supply with each indoor unit.
- New R290 natural refrigerant gas.
- Operating mode: cooling, heating, dehumidification, automatic and fan only.
- Regenerable air filter easy to remove and clean.
- Particularly quiet operation.
- Timer for programming switch-off and switch-on.
- Indoor unit front panel with LED display and indicator lights.
- 3-speed fan, to meet every possible need.
- **Auto** function for a continuous speed variation.
- **Turbo** function to attain the desired temperature as quickly as possible.
- **Sleep** night time function well-being program.
- **iFeel** function for activating the ambient temperature probe inside the remote control, for improved comfort.
- Auto-restart function.

ACCESSORIES AS STANDARD

- Hot air expulsion hose with special joints and collectors.
- Condensate discharge hose, discharge tap and relative fixing accessories.
- Window kit and protection mesh to connect the hot air expulsion hose.
- Cap for the wall and connection for the hot air expulsion hose.
- Remote control.

WINDOW KIT



Out diameter: external diameter air discharge hose.

FLEXIBLE PIPE

		PSL250	PSL350
Flexible pipe			
Minimum length	mm	270	270
Maximum length	mm	1500	1500
Size (out)	∅	145	145

PERFORMANCE SPECIFICATIONS

		PSL250	PSL350
Nominal cooling performances			
Cooling capacity (1)	kW	2,60	3,40
EER (2)	W/W	3,10	2,60
Seasonal efficiency			
Efficiency energy class (3)		A	A
Nominal heating performances			
Heating capacity (4)	kW	2,30	2,70
COP (2)	W/W	3,10	2,80
Seasonal efficiency (temperate climate)			
Efficiency energy class (3)		A+	A+

(1) Cooling (EN-14511 and EN-14825) ambient air temperature 27 °C D.B. / 19 °C W.B.; outside air temperature 35 °C; max speed; length of refrigerant lines 5 m.

(2) EER/COP in accordance with the Standard (EN-14511), only declared for the purposes of the tax deductions in force at the time of this publication.

(3) Data in accordance with Delegated Regulation (EU) No. 626/2011.

(4) Heating (EN-14511 and EN-14825) ambient air temperature 20 °C D.B.; outside air temperature 7 °C D.B. / 6 °C W.B.; max speed; length of refrigerant lines 5 m.

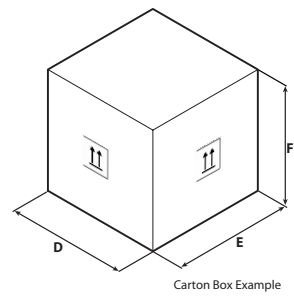
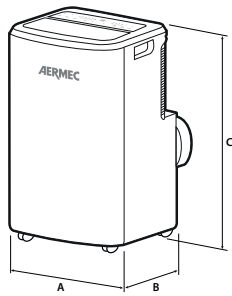
GENERAL DATA

		PSL250	PSL350
Electric data			
Rated power input (1)	kW	1,0	1,5
Rated current input (1)	A	4,6	8,0
Fan			
Type	type	Centrifugal on/off	Centrifugal on/off
Air flow rate			
Maximum	m ³ /h	390	390
Average	m ³ /h	360	360
Minimum	m ³ /h	330	330
Sound power			
Maximum	dB(A)	64,0	64,0
Average	dB(A)	63,5	63,5
Minimum	dB(A)	63,0	63,0
Sound pressure (2)			
Maximum	dB(A)	35,0	35,0
Average	dB(A)	33,0	33,0
Minimum	dB(A)	31,0	31,0
Compressor			
Type	type	Rotary on/off	Rotary on/off
Number	no.	1	1
Refrigerant	type	R290	R290
Refrigerant charge	kg	0,2	0,2
Power supply cable			
Type of power supply cable	Type	3G1,0 mm ² /L= 2,85 m/Schuko plug	3G1,0 mm ² /L= 2,85 m/Schuko plug
Power supply			
Power supply		220-240V ~ 50Hz	220-240V ~ 50Hz
Indoor unit			
Condensate discharge diameter	mm	13,5	13,5

(1) The rated power input (rated current input) is the maximum input electrical power (maximum current input) from the system, in accordance with the Standards EN-60335-1 and EN-60335-2-40.

(2) Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.

DIMENSIONS AND WEIGHTS



		PSL250	PSL350
Dimensions and weights			
A	mm	476	476
B	mm	385	385
C	mm	710	710
D	mm	545	545
E	mm	435	435
F	mm	885	885
Net weight	kg	33	34
Weight for transport	kg	38	39

Aermec reserves the right to make any modifications deemed necessary.
All data is subject to change without notice. Aermec does not assume responsibility or liability for errors or omissions.

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