Panasonic

heating & cooling solutions

RAC Solo, the compact air conditioner without outdoor unit

1. Slim and compact full metal body. Only 16,5cm deep (indoor).

2. No outdoor unit. Just two 162mm holes*

3. Heating and cooling or Cooling only modes available

4. DC Inverter technology

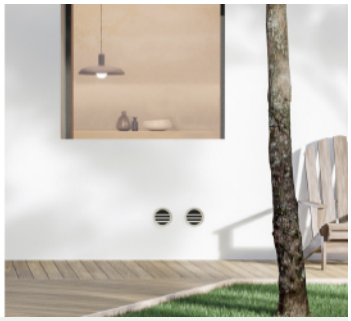
5. Easy and flexible installation. Stand-alone unit with no refrigerant connections.

6. Self-closing grille. Open only during operation.

* (202mm for the biggest capacity).

R290 R32 -15°C

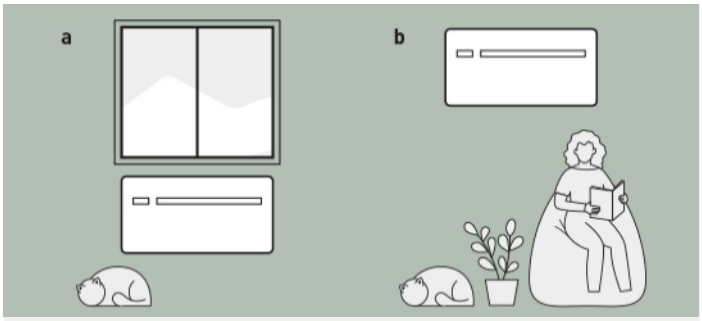
Seamless integration, indoors and outdoors



No outdoor unit. Just two 162mm holes*

The RAC Solo range offers great installation flexibility as it is a stand-alone unit with no refrigerant connections during installation. The side installation kit, which must be embedded in the wall, allows the air flow to be redirected sideways for greater installation flexibility (see image A1/A2).

* 202mm for the biggest capacity.

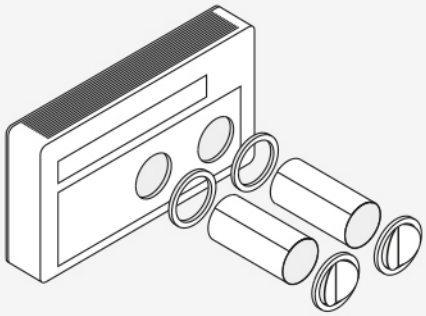


Easy and flexible installation

All you need is a perimeter wall, to exchange air with the outside. The unit can be placed high on the wall or low on the floor.

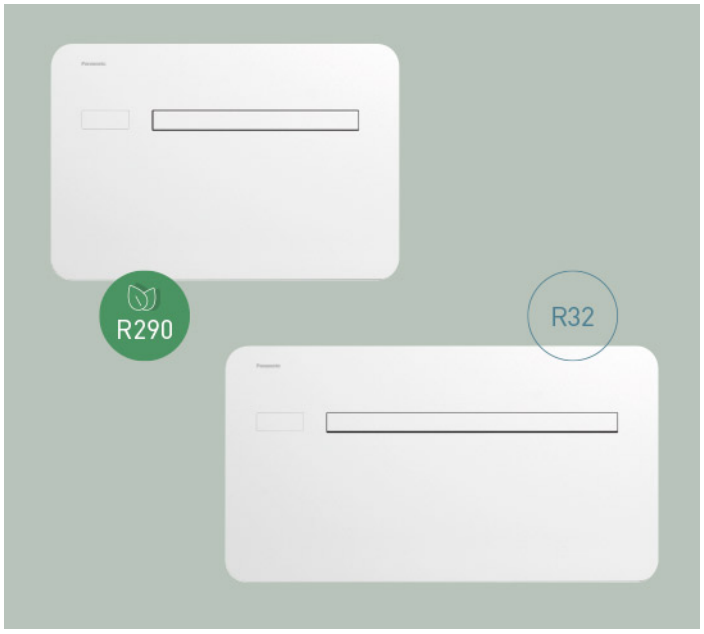
A. Down installation. B. Overhead installation.

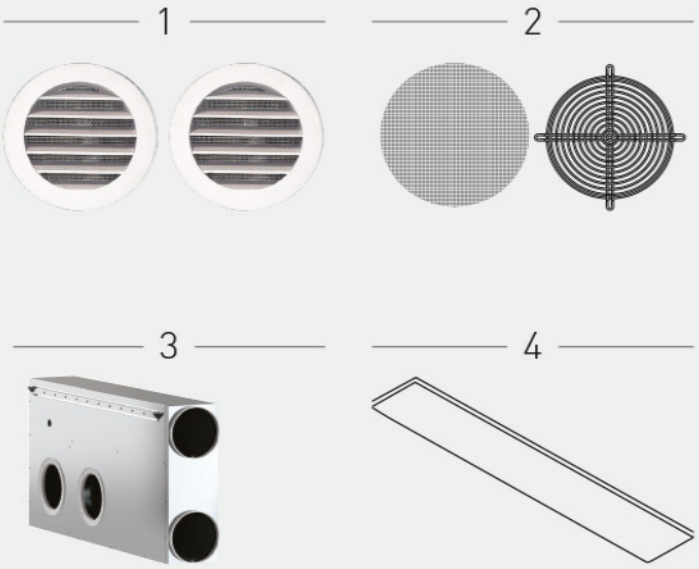
(A1)



(A2)

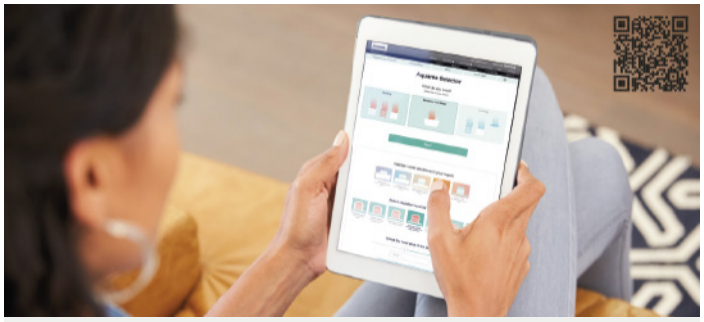
Product and accessories





Accessories

1. PCZ-GB0738: Kit of external aluminium grids with fixed fins (162mm holes).
1. PCZ-GB1091: Kit of external aluminium grids with fixed fins (202mm holes).
2. PCZ-GB0755: Insect protection kit (1 metal mesh, 1 grid in metal wire and fixing accessories).
3. PCZ-L00773: Side exit formwork for corner installation (right-hand outlet).
3. PCZ-L00774: Side exit formwork for corner installation (left-hand outlet).
4. PCZ-GB0737: Bottom cover kit for overhead installation for P-MOZ20/25/30IC5-E.
4. PCZ-GB1105: Bottom cover kit for overhead installation for P-MOG16IC5-E.



Aquarea Quick Selector

Helping you to find the Aquarea Heat Pump for your home in just a few clicks!

https://aircon.panasonic.eu/visit/selection-tool/

AR Heat Pump Viewer

This tool allows you to see how a Panasonic Aquarea Heat Pump looks in a home, utilising augmented reality.

https://www.aircon.panasonic.eu/visit/ar-aquarea/

RAC Solo · R290 / R32

RAC Solo · R290 / R32		SINGLE PHASE			
		1.7 kW	2.0 kW	2.5 kW	3.0 kW
Model		P-MOG16IC5-E	P-MOZ20IC5-E	P-MOZ25IC5-E	P-MOZ30IC5-E
Cooling capacity (Nominal)	kW	1,73	2,09	2,33	2,87
Cooling capacity (Min)	kW	0,70	0,83	0,92	1,40
Cooling capacity (Max)	kW	2,35	2,64	3,10	3,50
EER (1)	W/W	3,01	3,29	3,25	2,74
SEER (2)		4,60 B	4,70 A	4,60 B	4,10 C
Input power cooling	kW	0,57	0,64	0,73	1,04
Heating capacity (Nominal)	kW	1,71	2,08	2,31	2,75
Heating capacity (Min)	kW	0,75	0,71	0,79	1,35
Heating capacity (Max)	kW	2,40	2,64	3,05	3,50
Heating capacity at -7°C	kW	1,13	1,37	1,52	1,81
COP (1)	W/W	3,15	3,31	3,28	3,12
SCOP (2)		3,70 A	3,80 A	3,70 A	3,40 A
Input power heating	kW	0,54	0,63	0,71	0,88
Power supply	V	230	230	230	230
Maximum current	A	3,90	4,10	4,60	6,30
Air flow (Max)	m³/h	6,0	6,3	6,7	7,5
Air flow (Med)	m³/min	5,0	5,2	5,3	5,8
Air flow (Min)	m³/h	4,0	4,3	4,5	5,0
External air flow (Max)	m³/min	7,2	7,7	8,0	9,2
External air flow (Med)	m³/min	6,0	6,3	6,5	7,7
External air flow (Min)	m³/min	5,3	5,5	5,7	6,7
Moisture removal volume	L/h	0,7	0,8	0,9	1,2
Sound pressure (Hi) (3)	dB(A)	39	39	41	43
Sound pressure (Lo) (3)	dB(A)	29	30	31	33
Sound pressure (Q-Lo) (3)	dB(A)	27	26	27	29
Outside sound pressure (Hi) (3)	dB(A)	49	49	51	53
Outside sound pressure (Lo) (3)	dB(A)	36	36	38	40
Refrigerant / charge	kg	R290 / 0,14	R32 / 0,5	R32 / 0,5	R32 / 0,5
Dimension (Height)	mm	549	549	549	549
Dimension (Width)	mm	810	1 010	1 010	1 010
Dimension (Depth)	mm	165	165	165	165
Net weight	kg	38	41	41	41
Wall hole diameter	mm	162	162	162	202
Distance between wall holes	mm	293	293	293	293
Operating range (Cool - Min)	°C	-5	-5	-5	-5
Operating range (Cool - Max)	°C	+43	+43	+43	+43
Operating range (Heat - Min)	°C	-15	-15	-15	-15
Operating range (Heat - Max)	°C	+18	+18	+18	+18