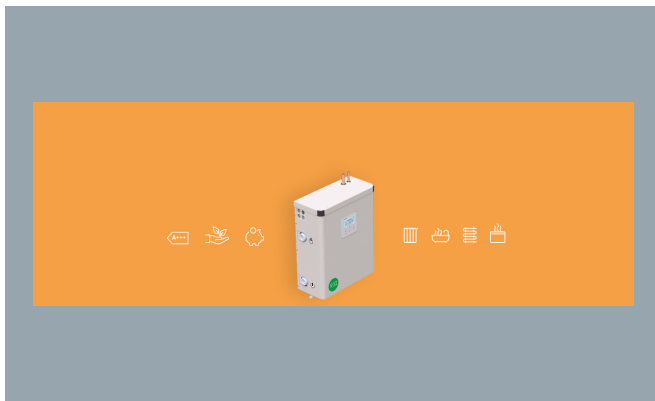


PACi with Water Heat Exchanger · R32

PACi with Water Heat Exchanger for chilled and hot water production

Introducing a highly-efficient Water Heat Exchanger for PACi Series. This ground-breaking product provides further possibilities by adding hydronic options.

- A+++ Energy efficiency class (scale from A+++ to D)
- Cost effective water projects thanks to lower cost for PACi compared to VRF
- Reducing the amount of HFC refrigeration in the project
- 2 installation possibilities (wall-mounted / floor-standing)
- Compact, lightweight unit design, only 27kg
- Quick mounting process
- Flow switch kit is included as a standard
- Direct access to electrical box
- Operation down to -20°C without glycol



Highly-efficient Water Heat Exchanger for PACi Series

Short-term investment

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PACi with Water Heat Exchanger - R32		Three Phase	
		20.0 kW	25.0 kW
Reference		PAW-200W5APAC	PAW-250W5APAC
Cooling capacity (1)	kW	20,00	25,00
EER (1)	W/W	3,03	2,89
Heating capacity (2)	kW	23,00	28,00
COP (2)	W/W	2,98	2,95
η_{sh} (LOT1) (3)	%	178	178
Energy efficiency class (Scale A+++ to D) (4)		A+++	A+++
Dimension (Height)	mm	550	550
Dimension (Width)	mm	455	455
Dimension (Depth)	mm	205	205
Net weight	kg	27	27
Water pipe connector	Inch	Male Thread 1	Male Thread 1
Cooling water flow ($\Delta T=5$ K, 35°C)	m ³ /h	3,45	4,30
Heating water flow ($\Delta T=5$ K, 35°C)	L/min	4,15	4,85
Flow switch		Included	Included
Water filter		Included	Included
Outdoor unit		U-200PZH2E8	U-250PZH2E8
Outdoor sound pressure (Cool -Hi)	dB(A)	59	59
Outdoor sound pressure (Heat -Hi)	dB(A)	61	63
Outdoor dimension (Height)	mm	1500	1500
Outdoor dimension (Width)	mm	980	980
Outdoor dimension (Depth)	mm	370	370
Outdoor net weight	kg	117	128
Pipe diameter (Liquid)	Inch (mm)	3/8 (9,52)	1/2 (12,70)
Pipe diameter (Gas)	Inch (mm)	1 (25,40)	1 (25,40)
Pipe length range	m	5 ~ 90	5 ~ 60
Elevation difference (in/out)	m	30	30
Pipe length for additional gas	m	30	30
Additional gas amount	g/m	60	80
Water outlet temperature range (Cool - Min)	°C	+5	+5
Water outlet temperature range (Cool - Max)	°C	+15	+15
Water outlet temperature range (Heat - Max)	°C	+50	+50
Operating range (Cool - Min)	°C	-15	-15
Operating range (Cool - Max)	°C	+46	+46
Operating range (Heat - Min)	°C	-20	-20
Operating range (Heat - Max)	°C	+24	+24

(1) Data refers to 7°C leaving chilled water temperature and 35°C ambient air temperature, according to EN14511 standard.

(2) Data refers to 35°C leaving warm water temperature and 7°C ambient air temperature according to EN14511 standard.

(3) Following COMMISSION REGULATION (EU) No 813/2013 for low-temperature heat pumps.

(4) Following COMMISSION REGULATION (EU) No 811/2013 for low-temperature heat pumps. Scale from A+++ to D.

Complementary products