



# R32 PACi Water Heat Exchanger

PAW-200/250W5APAC



heating & cooling solutions

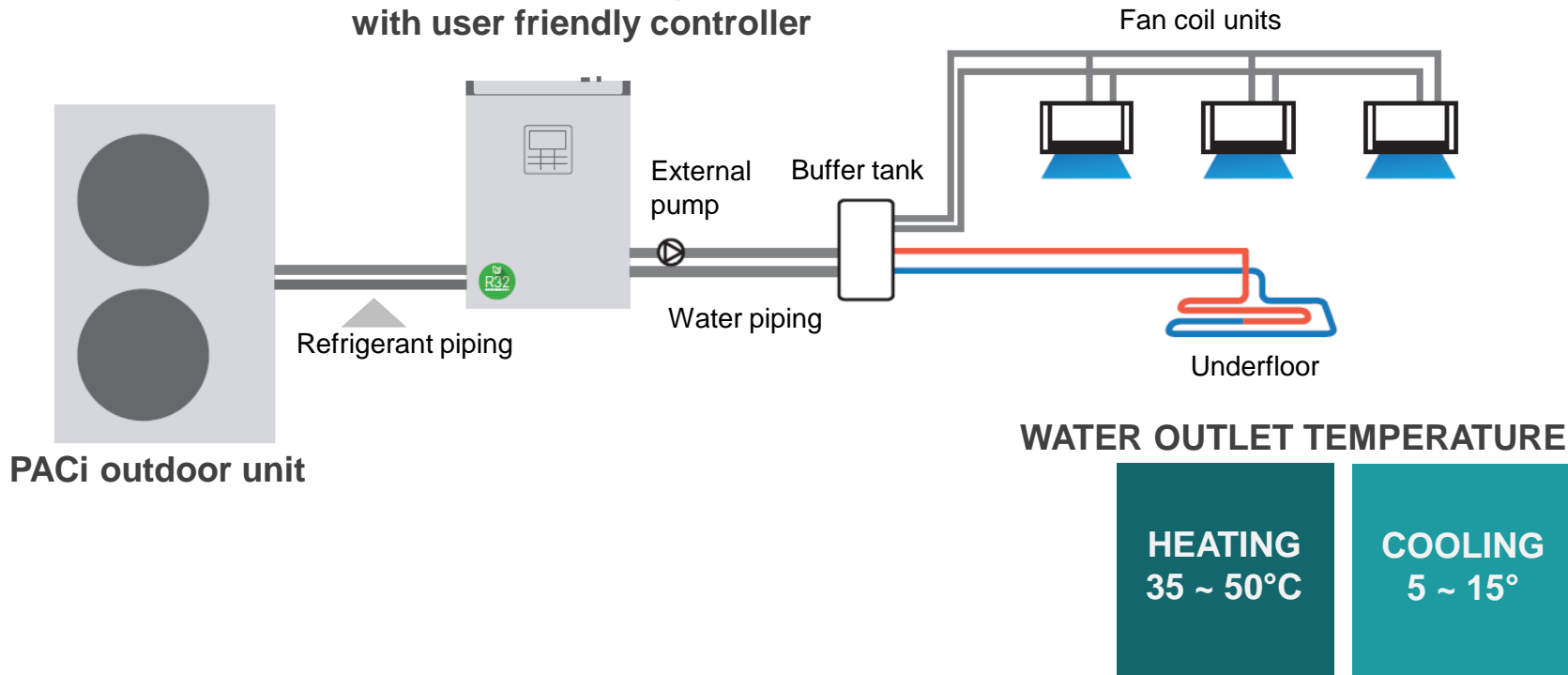
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# Industry First R32 PACi Water Heat Exchanger

**Panasonic**

**NEW !!**

**Water Heat Exchanger  
with user friendly controller**



# Industry First R32 PACi Water Heat Exchanger

**Panasonic**

New PACi with Water Heat Exchanger for chilled and hot water production

This ground-breaking product gives further possibilities in PACi ranges by adding hydronic options.



## New Design : 2 Installation types



OR



**Wall Mounted**

**Floor Standing**

## 1 Cost Saving Solution

- **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 Flexible & Space saving system

- 2 installation possibility ( Wall Mounted / Floor Standing )
- Compact, Light unit design, only **27kg**

## 3 Easy Installation, Maintenance

- Direct access to electrical box (Please refer P.5)
- Quick mounting process (Please refer P.6)
- Flow switch kit is included as a standard



## Compact & Light unit design



**ONLY  
205 mm  
DEPTH**

**LIGHT  
WEIGHT  
27 Kg**

**PIPING  
LENGTH  
90 m\***

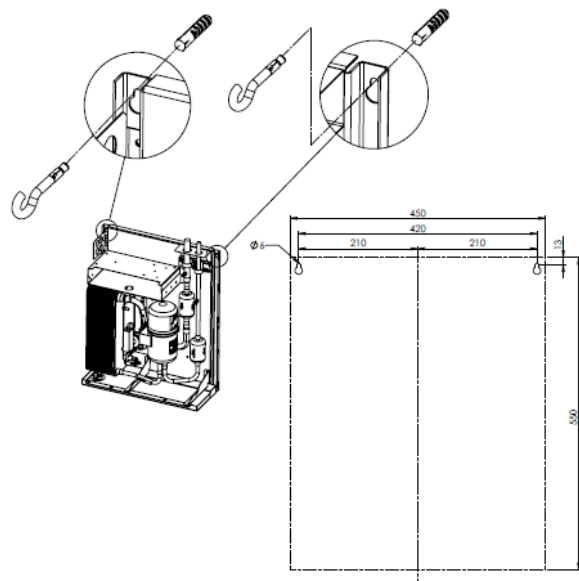
Model	PAW-200W5APAC	PAW-250W5APAC
Height	550 mm	
Width	455 mm	
Depth	205 mm	
Weight	27 kg	

\* 90m for PAW-200W5APAC.



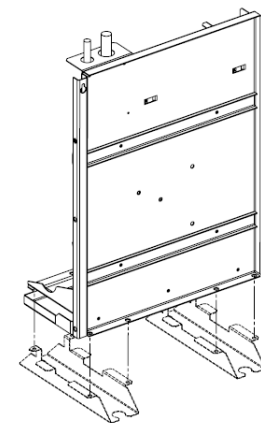
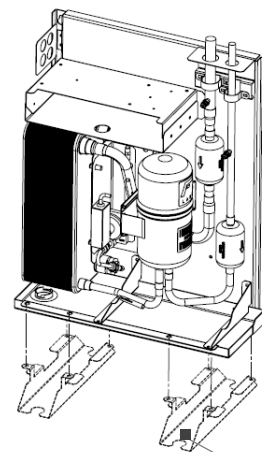
## 2 Installation possibilities – Wall Mounted / Floor Standing

### Wall Mounted



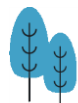
### Floor Standing

OR



\* Support legs are included.

- Free-up floor space by using the Wall Mounted installation

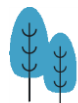
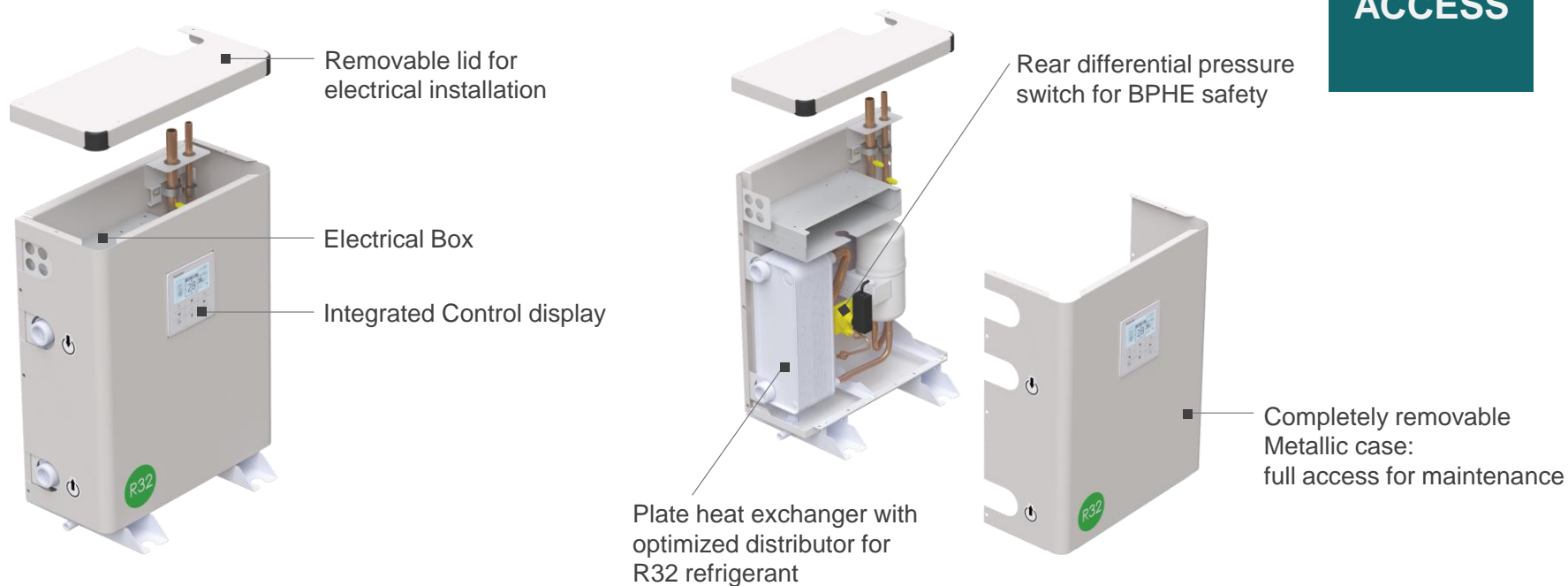


# Easy Installation and Maintenance

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Easy maintenance operation from **two point of access**

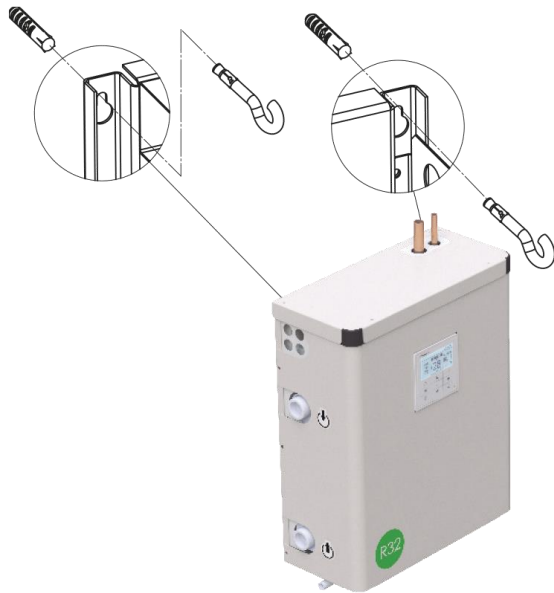
**EASY  
ACCESS**



Quick Mounting Process with its **lightweight compact** design

1. Make fixing holes
2. Fix 2 screws
3. Hang the unit

**Finish!!!**



**QUICK  
SIMPLE  
INSTALL**



**INSTALLER  
FRIENDLY**

**Light Weight**

PAW-200W5APAC : 27 kg

PAW-250W5APAC : 27 kg

**Pre-assembled flow switch**

The flow switches come pre-assembled with pipe fittings for ease of installation



# Basic Specification

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Water Heat Exchanger			PAW-200W5APAC	PAW-250W5APAC
Cooling capacity		kW	20,00	25,00
EER		W/W	3,03	2,89
Heating capacity		kW	23,00	28,00
COP		W/W	2,98	2,95
ηsh (LOT1)		%	171	161
Energy efficiency class (Scale A+++ to D)			<b>A++</b>	<b>A++</b>
Dimension	H x W x D	mm	550 x 455 x 205	550 x 455 x 205
Net weight		kg	27	27
Water pipe connector			Rp2 Female Thread (50A)	Rp2 Female Thread (50A)
Cooling water flow (ΔT=5 K. 35° C)		m/h	3,45	4,30
Heating water flow (ΔT=5 K. 35° C)		m/h	4,15	4,85
Flow switch			Included	Included
Water filter			Included	Included
Outdoor Unit			U-200PZH2E8	U-250PZH2E8
Sound pressure	Cool / Heat (Hi)	dB(A)	59 / 61	59 / 63
Dimension	H x W x D	mm	1500 x 980 x 370	1500 x 980 x 370
Net weight		kg	117	128
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 ~ Max	° C	+5 ~ +15	+5 ~ +15
	Heat Min ~ Max	° C	+35 ~ +50	+35 ~ +50
Operating range	Cool Min ~ Max	° C	-15 ~ +46	-15 ~ +46
	Heat Min ~ Max	° C	-20 ~ +24	-20 ~ +24

\*One by one connection is only possible

## Control compatibility

Control Type	RTC5B <small>*Built into the unit</small>	datanavi	64ESMC3	ANC3	256ESMC3	CAPWFC1 <small>Comfort Cloud</small>	CFUSCC1 <small>AC Smart Cloud</small>
Compatibility	YES	No	YES	YES	YES	No	No





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## Small Retail projects / Small offices

- ❑ Fulfilling R32 refrigerant needs  
: *Environmental perspective, Company policy*
- ❑ Water Solution to replace from the existing boiler system
- ❑ Hydraulic system to reduce total amount of HFC refrigeration
- ❑ For Heating projects with longer than 50 m piping.  
(50m is the limit of AQUAREA)
- ❑ Possible to offer R32 PACi with CO2 systems for cold room or refrigeration



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