

Technical specifications HWS HYDRONIC MODULE

			PWFY-EP100VM-E2-AU
Power			Single-phase, 220-230-240V 50/60Hz
Heating power output (nominal)		kW *1	12,5
		kcal/h *1	10,800
		Btu/h *1	42,700
	Power absorption	kW	0,025
	Current consumption	A	0,138
Temp. range in heating mode	Serie PUMY	Outdoor temp. DB	-
	Serie PUHY	Outdoor temp. DB	-20~-15,5°C
	Serie PURY	Outdoor temp. DB	-20~-32°C
	Serie PQHY - PQRY	Water temp. in circuit	10~-45°C
	Serie PQHY - PQRY	Temp. in water/glycol circuit (for geothermal applications)	-5~-45°C
		Return line water temp	10~-40°C
Cooling output (nominal)		kW *2	11,2
		kcal/h *2	9,600
		Btu/h *2	38,200
	Power absorption	kW	0,025
	Current consumption	A	0,138
Temp. range in cooling mode	PUMY Series	Outdoor temp. B.S.	-
	PUHY Series	Outdoor temp. B.S.	-5~-46°C
	PURY Series	Outdoor temp. B.S.	-5~-46°C
	PQHY - PQRY Series	Water temp. in circuit	10~-45°C
	PQHY - PQRY Series	Temp. in water/glycol circuit (for geothermal applications)	-5~-45°C
		Return line water temp	10~-35°C
Connectable outdoor units	Total capacity		50-100% of capacity of OU
	Series		Y (Ecostandard (P), Standard Efficiency (P), High Efficiency (EP)), Zubadan Y, WY, R2 (Standard Efficiency (P), High Efficiency (EP)), WR2
			29
			ø 9,52 (ø 3/8") brazed
Sound pressure in anechoic chamber	dB <A>		ø 15,88 (ø 5/8") brazed
Refrigerant circuit piping diameter	Liquid	mm (inches)	ø 19,05 (R 3/4") screw-on connection
	Gas	mm (inches)	ø 19,05 (R 3/4") screw-on connection
Water piping diameter	Inlet	mm (inches)	ø 32 (1-1/4")
	Delivery	mm (inches)	Galvanised sheet steel
Drain pipe diameter		mm (inches)	800 (785 without feet) x 450 x 300
External finish			36
External dimensions HxLxW		mm	1,8-4,30
Dry weight		kg	
Water in circuit	Nominal	m³/h	4,15
	(entire operating volume)		1
Rated pressure	R410A	MPa	Installation manual, instruction manuals
	Water	MPa	
Standard equipment	Manuals		Water filter, insulating material, 2x external signal connectors, plumbing fittings for filter, flow regulator
	Accessory		

Note:

* Nominal conditions *1 and *2 are subject to EN14511-2:2004(E)

* Install the module in an environment with a wet bulb temperature not exceeding 32°C

* Due to continuous improvements made to these products, the specifications given above are subject to modification without prior notification.

* The module is not designed to be installed outdoors.

*1 Nominal heating conditions

Outdoor temp.: 7°C DB/6°C WB

(45°F DB/43°F WB)

Pipe length: 7.5 m (24-9/16 feet)

Vertical difference: 0 m (0 feet)

Intake water temp.: 30°C

Water flow rate: 2.15 m³/h (P100)

4.30 m³/h (P200)

*2 Nominal cooling conditions:

External temp: 35°C DB/(95°F DB)

Pipe length 7.5 m (24-9/16 feet)

Vertical difference: 0 m (0 feet)

Intake water temp.: 23°C

Water flow rate: 1.93 m³/h (P100)

3.86 m³/h (P200)