

HYDRIA PLUS

For Sanitary Hot Water

HYDRIA
PLUS

MODELS:

30CWH030M

30CWH050M

30CWH070M

Features

- R410A gas, environmentally friendly.
- Max. water output temperature: 60°C.
- Automatic startup and shutdown, automatic defrost.
- Built-in water pump.
- Double-wall heat exchanger is used to prevent refrigerant leakage.
- New touch-style key wired controller is used for easy operation.
- Close refrigerant circuit, easy for plumber installation.



*Preliminary data

Double-wall heat exchanger



Specifications

		30CWH030M	30CWH050M	30CWH070M
Heating capacity (condition 1) / (condition 2)	KW	3.00 / 3.45	4.30 / 5.00	6.50 / 7.20
Power input (condition 1) / (condition 2)	KW	0.81 / 0.99	1.11 / 1.31	1.80 / 2.02
COP (condition 1) / (condition 2)		3.70 / 3.48	3.87 / 3.82	3.61 / 3.56
Max. current	Amps	5.3	8.3	15.3
Leaving water temperature (heating)	°C	40°C ~ 60°C		
Ambient temperature	°C	-7°C ~ 43°C		
Power supply		220-240V / 1ph		
Refrigerant type		R410A		
Compressor		Rotary GMCC		
Water heat exchanger		Double-wall heat exchanger		
Dimensions (WxHxD)	mm	790 x 765 x 275	790 x 765 x 275	845 x 945 x 335
Net weight	Kg	56	62	81
Noise level	dB(A)	53	55	55
Water pipe connections	mm	DN20	DN20	DN20
Hot water yield	m ³ /h	0.074	0.107	0.155
Suggested storage tank size	lt	100 ~ 250	150 ~ 300	250 ~ 500

*** Test conditions:**

Condition 1: Ambient temperature 7/6 °C (DB/WB), water temperature 30 °C - 35 °C (inlet/outlet).

Condition 2: Ambient temperature 20/15 °C (DB/WB), water temperature 15 °C - 55 °C (inlet/outlet).

**** Hot Water Yield:** Outdoor temperature 20/15 °C (DB/WB), water inlet temperature 15 °C - water outlet temperature 55 °C.

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