

HYDRIA 190L

For Domestic Hot Water Production

HYDRIA

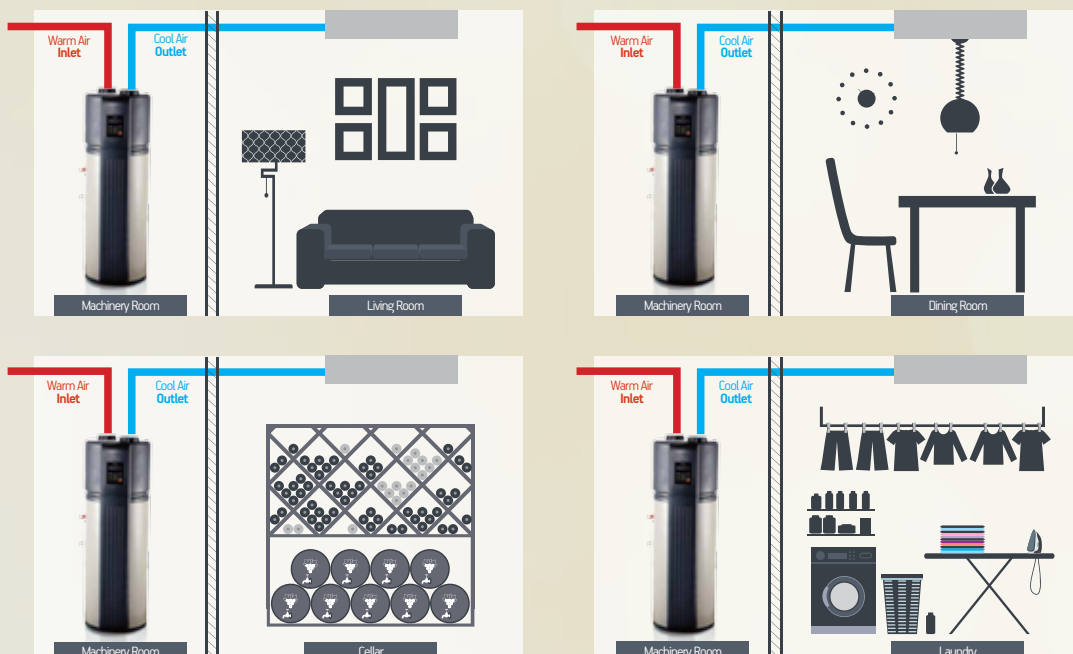
MODEL:
30CWH200

Features

- R134A gas, environmentally friendly.
- Water output temperature: 38°C~70°C.
- No contamination potential, the condenser coil is wrapped around outside the tank.
- Multi protection: PTR valve, double high water temperature protection switches (Manual and Automatic).
- Auto mode selection & Vacation mode.
- Automatic weekly disinfect function.
- Four-way valve for automatic defrosting.
- Close refrigerant circuit, easy for plumber installation.
- User-friendly LCD display for easy interaction.
- 15 Pa air outlet pressure enables a duct length up to 5 meters.



Flexible duct installation



HYDRIA 300 LT

For Domestic Hot Water Production

HYDRIA

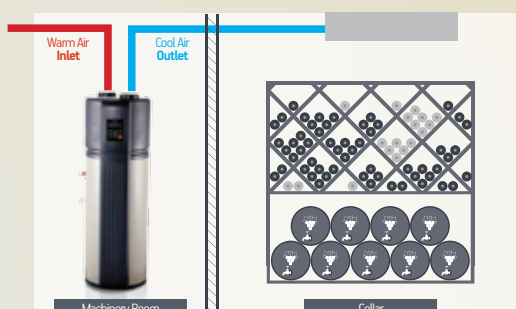
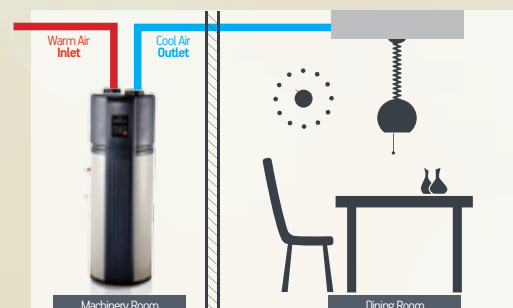
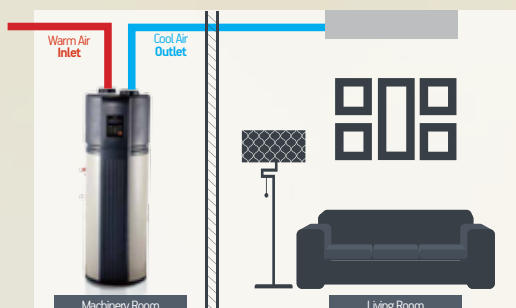
MODEL:
30CWH300

Features

- Environmental friendly refrigerant R134A is used.
- Water output temperature: 38°C~65°C.
- Enamel water tank is adopted. Water and metal are completely isolated.
- Auto mode selection & Vacation mode.
- No contamination potential, the condenser coil is wrapped around outside the tank.
- Multi protection: PTR valve, TCO&ATCO double high water temperature protection switches.
- Automatic defrost by reversing refrigerant cycle.
- Disinfect automatically every week.
- 25 Pa external static pressure enables air duct up to 10m.
- Close refrigerant circuit, easy for plumber installation.



Flexible duct installation



HYDRIA 300 LT (with solar coil)

For Domestic Hot Water Production

HYDRIA

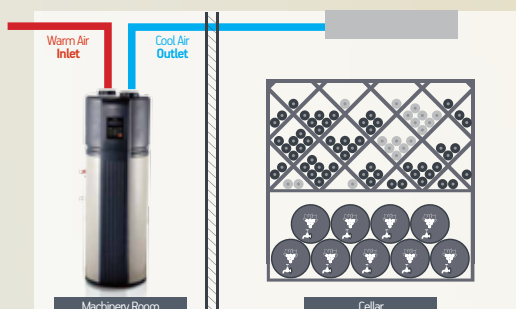
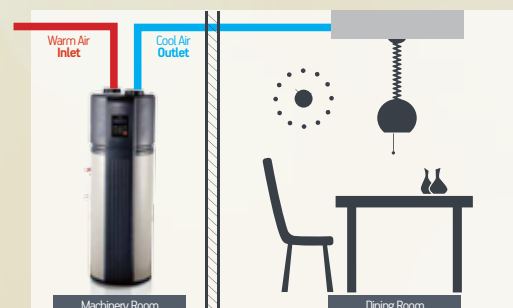
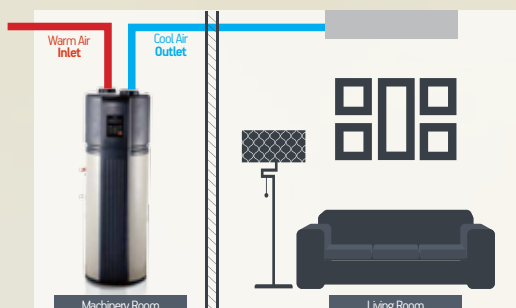
MODEL:
30CWH300SI

Features

- R134A gas, environmentally friendly.
- Water output temperature: 38°C~60 °C.
- Auto mode selection & Vacation mode.
- Stainless steel water tank.
- Built-in heat exchanger, compatible to solar thermal or boilers.
- Automatic weekly disinfect function.
- Multi protection: PTR valve, double high water temperature protection switches.(Manual/Automatic).
- Four-way valve for automatic defrosting.
- No contamination potential, the condenser coil is wrapped around outside the tank.
- Close Refrigerant circuit, easy for plumber installation.
- 25Pa air outlet pressure enables a duct length up to 10 meters.



Flexible duct installation



Specifications

		30CWH200	30CWH300	30CWH300SI
Storage size	lt	190	300	300
Solar Coil		NO	NO	YES
Running ambient temperature	°C	-20°C ~ 45°C	-20°C ~ 43°C	-20°C ~ 43°C
Storage water temperature	°C	38°C ~ 70°C	38°C ~ 65°C	38°C ~ 60°C
Heat pump heating capacity	KW	1.45	3.0	3.0
COP		3.50	3.76	3.60
Refrigerant		R134a		
Power supply		220-240V / 1ph		
Max. current	Amps	17.0	18.7	18.7
E-heater	KW	3.0	3.0	3.0
Dimensions (DxH)	mm	Φ560 x 1680	Φ650 x 1920	Φ650 x 1920
Net weight	Kg	94	146	123
Sound pressure level	dB(A)	41	45	48
Water Inlet pipe	mm	DN20		
Water Outlet pipe	mm	DN20		
Drainage	mm	DN20		
Max. operating pressure	Mpa	1.0		
Solar Coil Water Inlet pipe	mm	-	-	DN20
Solar Coil Water Outlet pipe	mm	-	-	DN20
Solar Coil (material / dimensions)		-	-	316L / Φ22mm x 10,0m
Solar Coil max. pressure	Mpa	-	-	0.7
Hot Water Yield	m ³ /h	0.086	0.086	0.086
Applicable people		3 ~ 4	5 ~ 6	5 ~ 6

* **Test conditions:** Ambient temperature 15/12 °C (DB/WB), initial water temperature 15 °C - terminate water temperature 45 °C.

* **Sound pressure level test conditions:** Distance is 1m from the unit and height is 1m and half of the unit's height.



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