

AR-17PTP



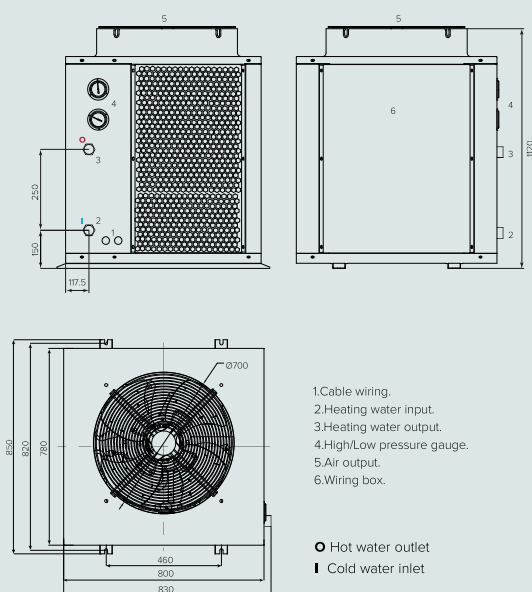
DESCRIPTION

- Compact air/water heat pump for outside installation.
- With suction gas cooled rotary compressor.
- With extensive epoxy coated hydrophilic aluminum/ rifled Cu
- lamellar tube evaporator and anti-corrosion coated coaxial condenser.
- Axial fan
- Refrigerant cycle with thermostatic expansion valve.
- Filter, gas-liquid separator, high and low pressure switches.
- With efficient automatic defrosting by hot gas principle.
- Electric and terminal box. With control and Disturbance signaling.
- Heating regulator for mounting to the wall.
- Filled with refrigerant R417a.



TECHNICAL DATA

AR-17PTP



Voltage	V	380
Phase		three phase
Frequency	Hz	50
Heating capacity*	kW	21,70
Rated power input*	kW	5,31
Maximum current	A	14
Heating water capacity	L/H	465
COP*		4.09
Refrigerant		R417 A
Refrigerant charge	g	3900
Compressor		
Type		Rotary
Brand		Highly
Quantity		1
Condenser		Single wall tube in tube
Circulation pump		-
Rated water flow rate	m ³ /h	4,00
Pressure Drop	Kpa	60
Circulation pump pressure head	m	-
Max. water temperature	°C	60
Operation temp. range	°C	-10 ~ 45
Noise	dB(A)	≤60
Connection	inch	G1"
Weight	Kg	160
Index protection		IPX4
Insulation class		1
Dimension	mm	830x850x1120

*at ambient temp. 30°C/60%RH, inlet 25° C and outlet 55° C

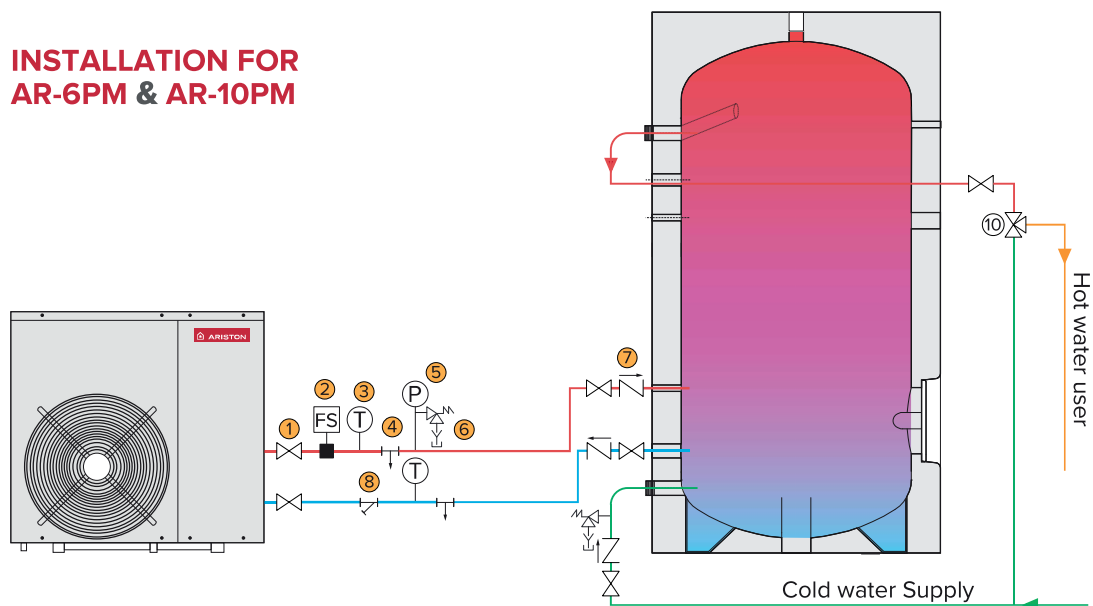
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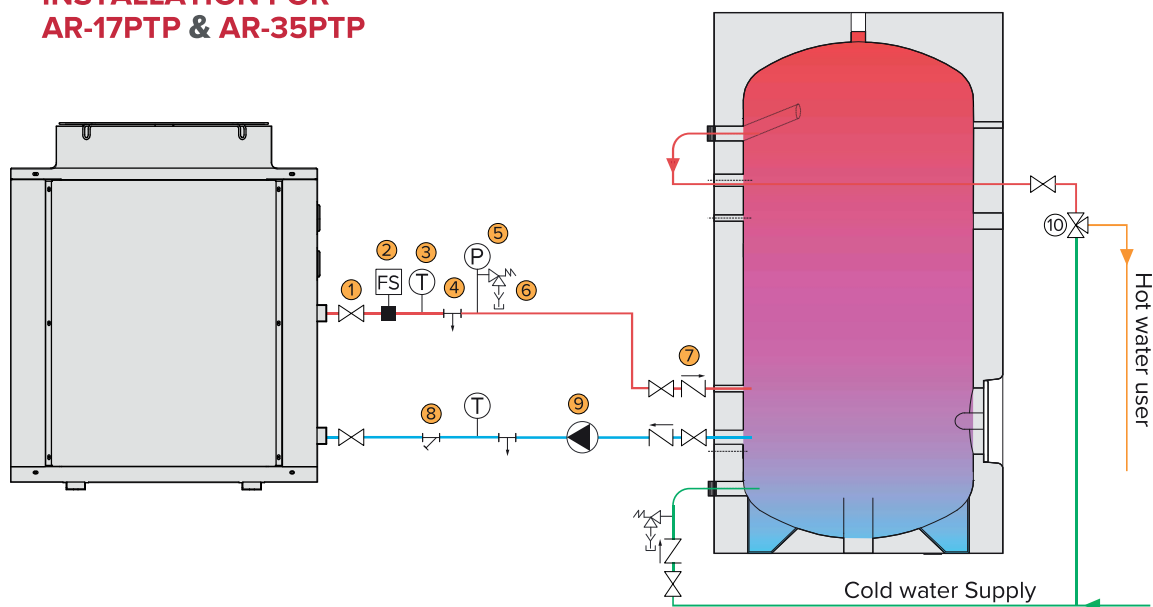
**High efficiency,
with minimum
input power produced
Big power output.**

INSTALLATION GUIDE

INSTALLATION FOR AR-6PM & AR-10PM



INSTALLATION FOR AR-17PTP & AR-35PTP



Legenda:

- | | |
|-------------------------|----------------|
| ① Ball valve | ⑥ Safety valve |
| ② Flow switch | ⑦ Check valve |
| ③ Thermostat | ⑧ Y Strain |
| ④ Drain & Filling valve | ⑨ Pump |
| ⑤ Pressure gauge | |