

EXTERNAL CONDENSATE PUMP FOR AIR CONDITIONING (SPLIT)

External Condensate Pump For Air Conditioning to remove the water produced by the condensation of a SPLIT. Its installation is carried out at the bottom of the SPLIT, with an innovative, elegant, and discreet design.

2. Dimension :

Very reliable model with a very quiet operation, with a noise level < 19dB.

It has a reservoir with a capacity of 200 ml. Last generation pump equipped with level electrodes, replacing the old floats.

Includes an audible alarm for overflow if the tank reaches its maximum capacity.

Connection to equipment with a maximum power of 8 kW.

Electrical data: 110-220V.

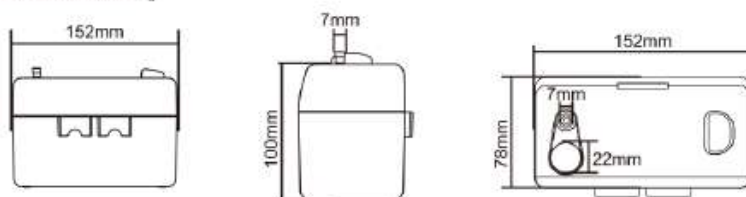
Maximum drainage flow: 24 l/h (6.2 GPH).

Maximum discharge height: 10 m.

Includes support and accessories for installation.

It has a bubble level for perfect alignment.

Very discreet and compact installation, ideal for very noise-sensitive places.

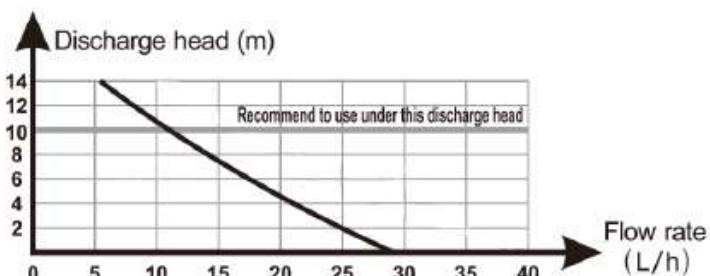


Model	L(mm)	W(mm)	H(mm)	Inlet diameter(mm)	Outlet diameter(mm)	Net weight(g)
GH-PU01E	152	78	100	22	7	485

3. Parameter :

Model	GH-PU01E
Power supply	AC 110~220V
Discharge head	Max.10m(33ft)
Flow rate	Max.24L/h(6.2GPH)
Tank capacity	200ml
Noise level	< 19dB(A)
Max air conditioner power	8KW(30,000btu/hr)
Max water temperature	35 °C

4. Flow rate :



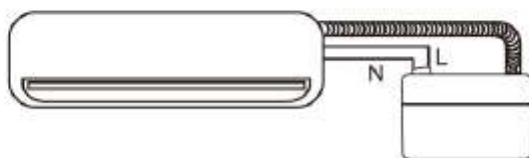
Discharge head Model	Performance(L/h, Head)					
	0m	2m	4m	6m	8m	10m
GH-PU01E	28	24	20	18	16	12

5. Installation steps:

1. Cut down the power
2. Fix the mounting plate (in parts bag) in place, and the condensate pump must remain level.
3. Connect the air conditioner drainpipe to the water inlet of pump, external diameter of water inlet is 20mm.
4. Connect the plastic hose (external diameter 9mm, inner diameter 6mm) to water outlet of pump (choose the hose with appropriate length according to the actual situation).
5. Connect the power line of pump, the line is two-core wire (the red one is L line, the black one is N line), please connect them correctly referring the following diagram.

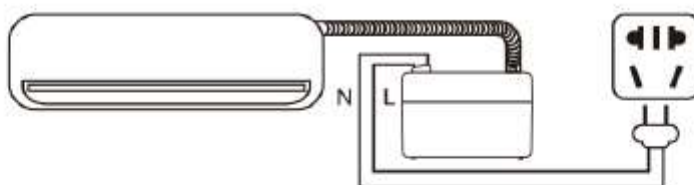
Connection type 1: By air conditioner internal wiring

Cut off the power of air condition indoor unit, then open the plastic cover of indoor unit, and connect power line of pump to power line of indoor unit.



Connection type 2: By using converter plug to connect

Firstly connect power line of pump to two-pin plug (10A), then plug it into the power socket.



6. After making the connection correct and the pump is powered on, turn on the air condition. Check if the pump works well. If it doesn't work, please contact the professional maintainer to fix it.

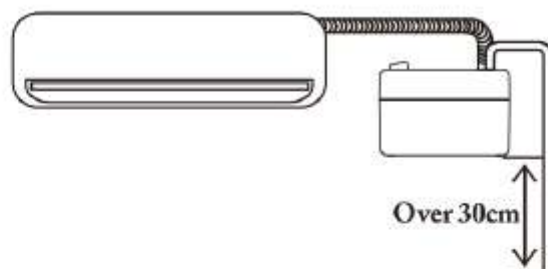
Attention: The pump can't be settled inner air conditioner or power box.

6. Overflow alarm:

1. When the water level in the pump approaches max tank capacity or already overflow, the pump will give an alarm.
2. Once you hear the alarm, please turn off the air condition immediately, make the air conditioner and pump power off.

7. Anti-siphon installation

The end of water outlet hose must be 30cm lower than the pump, then syphonage can be avoided.



8. Troubleshoot

Trouble	Reason	Solution
The pump is always working, can't stop	The side of the floater with magnet isn't up	Recheck the floater
	Whether there is sludge or dirt hindering the floater sinking	If the tank is not cleaned up in time, please do it right now
The pump starts to work and makes loud voice	The water in the pump siphons	To prevent the air goes into the tank and pump when installing and operating. Make sure the breather pipe connected well.
No water outflows when the pump is working	The pipe has an air leakage	Check if there is sludge or dirt
The pump can't start working	The pump can't start	Check the power is well connected
	Wrong connection	Check the corresponding lines are connected correctly
	Wrong power supply	Check if the line voltage is correct
The pump gives an alarm	The water level in the pump is approaching the max capacity or has overflowed	Check if the outlet pipe buckled or has dirt inside
		Check if the air conditioner power is over the pump range
The pump doesn't work, but there is water in it	Each pump has to past the test before they go out	Parts of the products are recent manufactured, it may have water left. It is normal, please use it without any worry

★ The final explanatory right is reserved this company. Any alteration on the design and model will not be further notified.