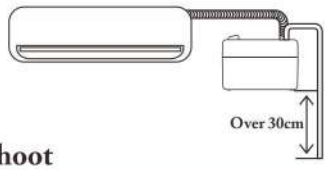
7.Anti-siphon installation

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

Company information

Name: QUNDA Control Technology (jiangsu) co., LTD

Address: NO.888 Longqiao Road, Wujiang District, suzhou, jiangsu, China

Post code: 215200 **Web site**: www.qunda.com

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

qunda Controller Expert

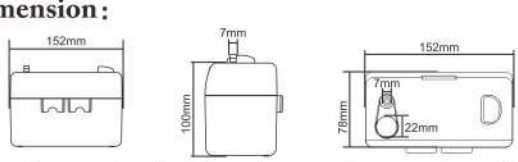


CONDENSATE PUMP INSTRUCTION

1. Product illustration:



2. Dimension:

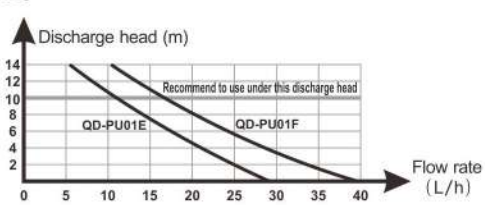


Model	L(mm)	W(mm)	H(mm)	Inlet diameter(mm)	Outlet diameter(mm)	Net weight(g)
QD-PU01E	152	78	100	22	7	485
QD-PU01F	152	78	100	22	7	485

3. Parameter:

Model	QD-PU01E	QD-PU01F
Power supply	AC 110~220V	AC 110~220V
Discharge head	Max.10m(33ft)	Max.10m(33ft)
Flow rate	Max.24L/h(6.2GPH)	Max.40L/h(10.5GPH)
Tank capacity	200ml	200ml
Noise level	< 19dB(A)	< 21dB(A)
Max air conditioner power	8KW(30,000btu/hr)	15KW(45,000btu/hr)
Max water temperature	35℃	35℃

4.Flow rate:

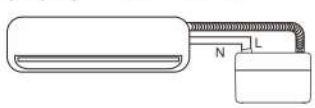


Model \ Discharge head	Performance(L/h, Head) 0m	2m	4m	6m	8m	10m
QD-PU01E	28	24	20	18	16	12
QD-PU01F	40	34	30	24	20	18

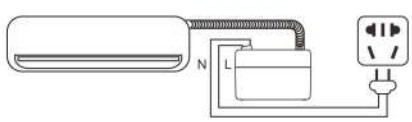
5. Installation steps:

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.