Condensate Pump OPERATION MANUAL



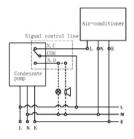
Faults and troubleshooting

Problem	Cause	Action	
Pump runs all the time	The float is positioned with the magnet uppermost	Check the float again	
	The reservoir lid(sensor)located inside the reservoir,around the sensor column	Check the sensor cable connection	
	There is sludge inside the reservoir, preventing float from resting on the bottom	This may occur if pump has been in operation for some time without cleaning.Clean using an anti-bacterial wash	
Pump stops and starts and makes a loud noise	The water is siphoning back through the pump	Preventing the air in the pie between the reservoir and the pump after installation and during operation	
Pump runs but does not pump any water	There are some air-leaks in the pipe running to the pump	Check the reservoir and section tube are free of sludge and debris	
Pump isn't operating at all	The power doesn't reach the pump	Check the power supply	
	The wire is wrong	Check the power cable	
	The voltage isn't correct	Check the voltage	
	The pump is very hot	A thermal cut-out may have been activated to protect pump. This will automatically reset once pump has cooled down.	

Note:	

12.

(9).A high-level alarm switch should be wired into the cooling signal wire, to prevent the continued operation of the air conditioning unit in the event of the pump failing.



Power

- (L) Live: Brown
- (N) Neutral: Blue
- (E) Earth: Green&Yellow

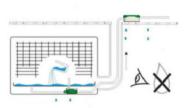
Alarm/volt free

- (N.C.) Normally closed: Violet
- (COM) Common: Green
- (N.O.) Normally open:Red

Warnning

Make sure the correct power cable to the power supply while 6-pin socket lead assembly.

1 Test pump operation by pouring water into evaporator tray. Check for leaks.



Warranty

This warranty covers all arts with material or manufacturing faults. The buyer's only remedy is the replacement or repair of the defective arts. In no case can labour costs and any onsequential damage be cited as a basis for a omplaint. Any returned units must be complete and ust be accompanied by a written list of the defects scertained. We are unable to accept any liability in case of nonconforming installation or noncompliance with the specifications or maintenance recommendations.

Maintance

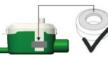
- . This pump like all mechanical equipment requires maintenance
- Every six months, the reservoir should be moved, taking care to clean the filter, float and reservoir thoroughly prior to reassembly. We recommend this is done in spring and in autumn, using an anti-bacterial wash.
- •Take great care to replace the float with the magnet facing upward.

-11-

6.Installation

① Ensure float is positioned in reservoir with magnet uppermost,the filter is in place and the lid is clipped firmly onto reservoir.







② Secure reservoir horizontally using velcro strips and for the inline reservoir use the inlet hose to connect firmly to drainage pipe.

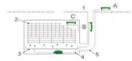




(3) Fit breather tube to reservoir lid.



4 Install pump drive unit above the ceiling where possible



- (T) Cales seiling
- ③ Condensate drain tray
- ① Vinyl tube
- ⑤ Conduit

(5) Anti-vibration assembly



(6) Note direction of water flow



Push the 9mm o/dx6i/d tube onto the reservoir and the pump. Secure with cable-ties. Ensure length is under 2meters



® Connect your 9mm o/d x 6mm i/d vinyl discharge tube to the outlet barb on the pump and secure with a cable tie. Channel discharge tube to an appropriate drain.avoiding restrictions.



PEARL SPRING SERIES



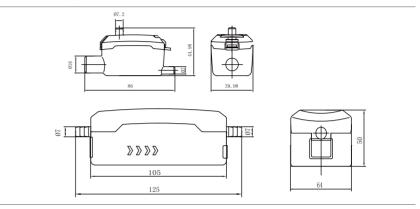


Low noice	低噪音
High flow rate	高流量
Compact modern design	结构紧凑

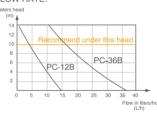
Application应用范围:

Ceiling Concealed Split systems 天花板机 Ducted units空调管扣内装

DIMENSIONS 尺寸图:



FLOW RATE:



Model 型号	Performance(I/h@Head)				
	0m	2m	4m	6m	8m
PC-12B	14	12	8	7	6
PC-36B	36	34	30	24	20

Model 型 号
Voltage电压
Suction lift 最大吸程
Discharge head 最大杨程
Rated 运行等级
Flow rate 最大流量
Tank capacity 储水箱容量
Mini splits up to 适用空调机功率
Sound level 噪音
Ambient temperature 使用环境温度
Power consumption 最大功率
Current intensity 最大电流
Safety switch 安全开关
N.W. 净重

PC-12B	PC-36B
100-230V~/50-60Hz	100-230V~/50-60Hz
Max.2m(6.5ft)	Max.2m(6.5ft)
Max.10m(33ft)	Max.10m(33ft)
Non continuous 非连续	Non continuous 非连续
Max.12L/h(3.2GPH)	Max.36L/h(9.6GPH)
35ml	35ml
10KW(30,000btu/hr)	32KW(96,000btu/hr)
<16dB(A)	<18dB(A)
0 °C ~50 °C	0 ℃~50 ℃
3W	3W
50mA	50mA
NC 3A-250V	NC 3A-250V
Pump泵180g Reservoi	r水壶 70g