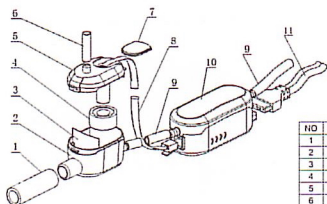


## Safety

- Before carrying out any operation on the pump, make sure the installation is disconnected from the power supply.
- The pump has been evaluated for use with water only.
- Risk of electronic shock. This pump has not been investigated for use in swimming pool or marine areas.
- If the cord is damaged, it must be replaced with a special cord or assembly available from the manufacturer or its service agent.
- Do not run this pump dry.
- Always ensure the metal magnet in the float is facing upward. Always ensure the reservoir is sitting flat and horizontal.
- The pump is ideal for most working and living environments. It is not recommended where the environment is oily or particularly dusty.
- Acceptable for indoor use only.
- Non-submersible pump.

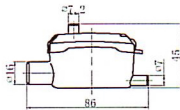
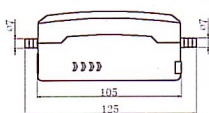


## 1.Pump components



NO	Description	NO	Description
1	Silicone tube	7	Insert board
2	Reservoir base	8	Sensor cable
3	Filter	9	Connecting tube
4	Float	10	Pump assembly
5	Reservoir cover	11	6-Pin socket lead assembly
6	Breather tube		

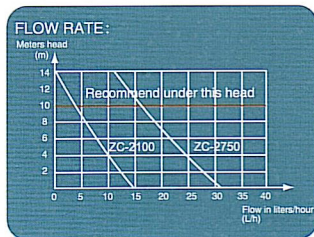
## 2.Dimensions



### 3. Technical specification

Model	ZC-2100	ZC-2750
Voltage	100-230V /50-60Hz	100-230V /50-60Hz
Suction lift	Max.2m(6.5ft)	Max.2m(6.5ft)
Discharge head	Max.10m(33ft)	Max.10m(33ft)
Flow rate	Max.18L/h(4.8GPH)	Max.36L/h(9.6GPH)
Tank capacity	35cc	35cc
Mini splits up to	8KW(30,000btu/hr)	15KW(45,000btu/hr)
Sound level @ 1m	19dbB(A)	21dbB(A)
Ambient temperature	0°C -50°C	0°C -50°C

### 4.Maximum recommended head(m)



### 5.Preventing siphoning advice

Cut discharge tube above water level of evaporator tray and direct end into large pipe,allowing air break(As following picture)



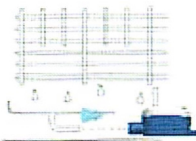
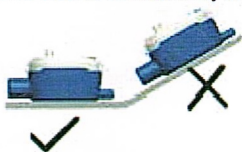
- ① False ceiling
- ② End of discharge tube
- ③ Water level in drain tray
- ④ Air break
- ⑤ Top of breather tube

## 6. Installation

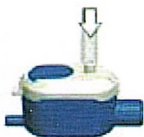
① Ensure float is positioned in reservoir with magnet uppermost, the filter is in place and the lid is clipped firmly onto reservoir.



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



- ① False ceiling
- ② Evaporator coil
- ③ Condensate drain tray
- ④ Vinyl tube
- ⑤ Conduit

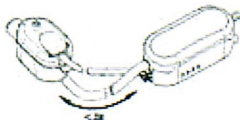
⑤ Anti-vibration assembly



⑥ Note direction of water flow



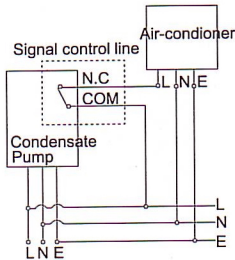
⑦ Push the 9mm o/d x 6mm i/d tube onto the reservoir and the pump. Secure with cable-ties. Ensure length is under 2 meters



⑧ 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.



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: Green

(COM) Common: Red

(N.O.) Normally open: Violet

## Warning

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

⑩ Test pump operation by pouring water into evaporator tray. Check for leaks.

