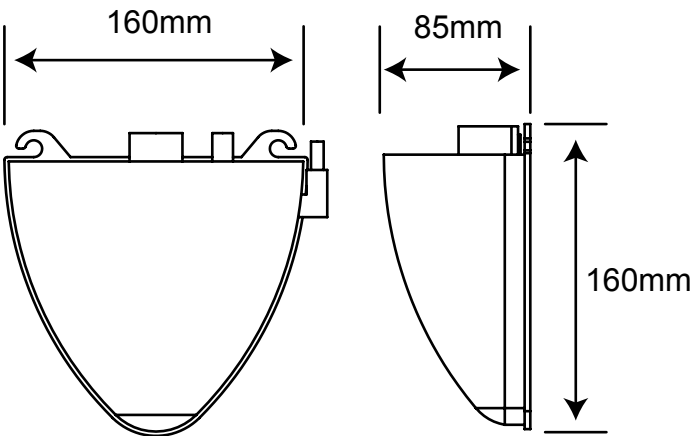
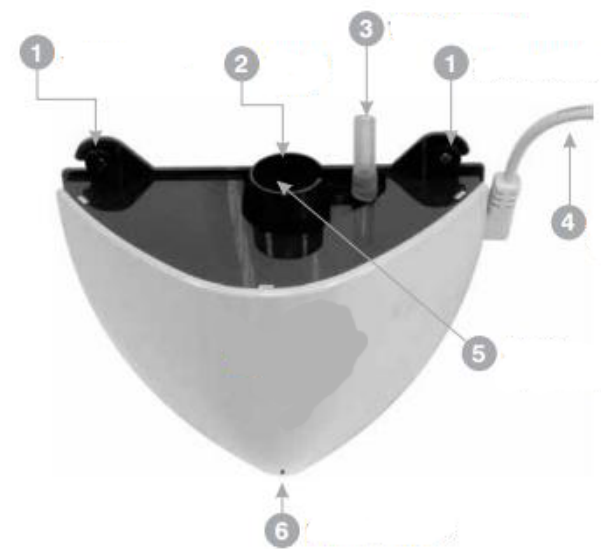


Operating instructions

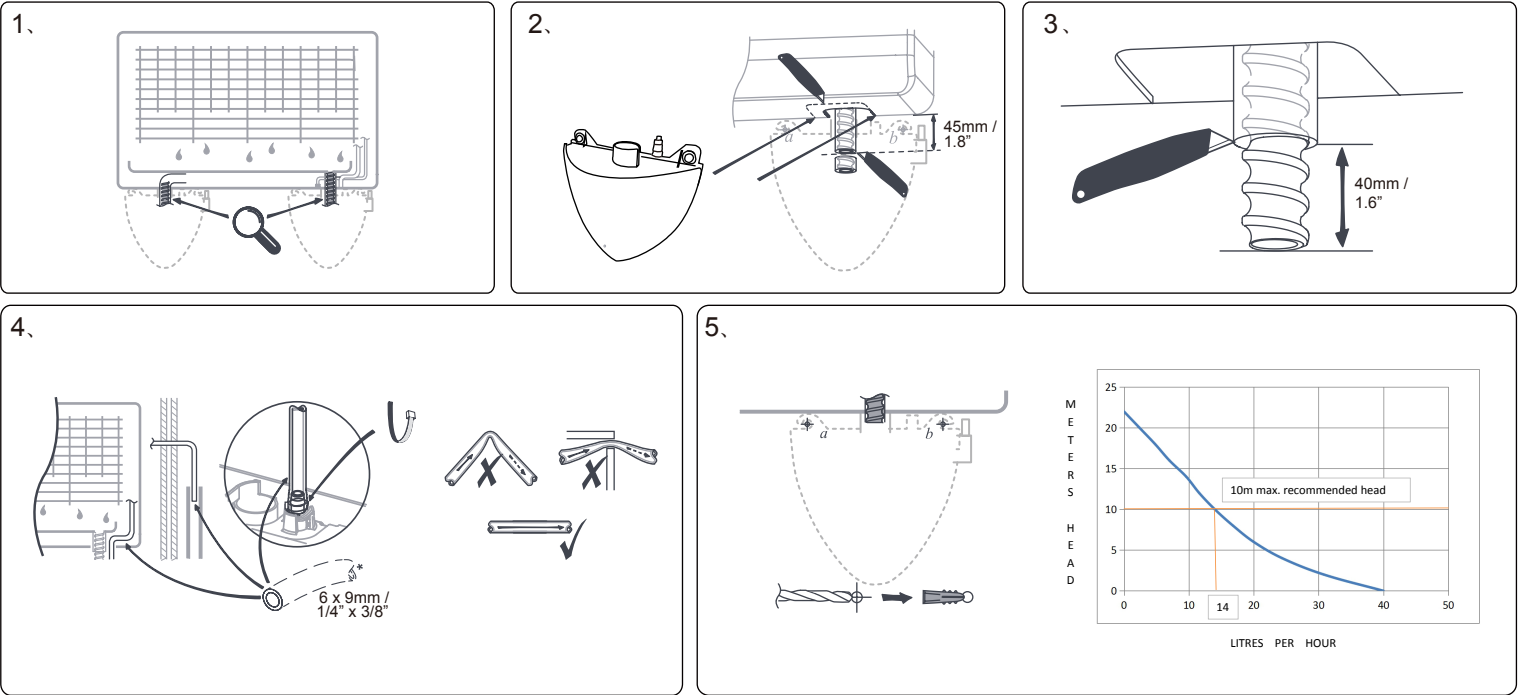
Heart

Low loudness  
Aesthetic design  
Easy assembly

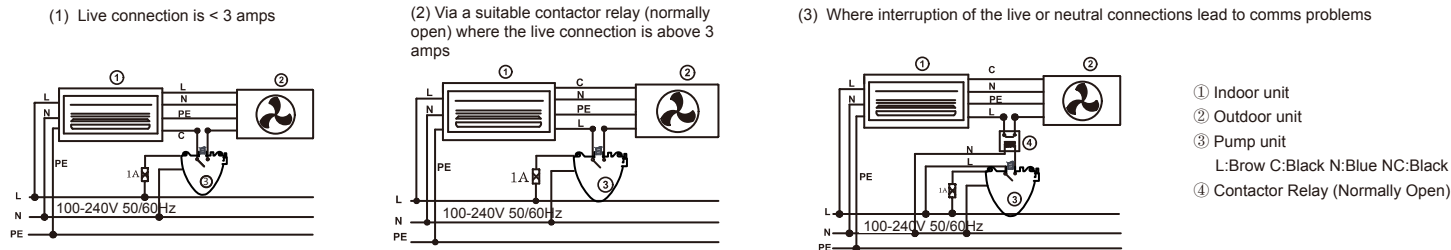


Operating instructions

- 1. The air conditioner drainage must fit in the water inlet of the pump ②.  
Choose a suitable location to fix the pump. Screw it up ①.
- 2. Deeply insert the drainage pipe into the water inlet ② (equiped with filter) .  
Do not bend the pipe.
- 3. Fit the plastic pipe in the water outlet ③.  
Pipe must not be longer than 30 mts and its inclination must not be over 1.6 mts.
- 4. Plug in 220-240V ④. A green LED indicating voltage will switch on ⑥.  
When the pump is operative, the green LED will change into red.  
(When you test the pump operation, the air conditioner must be switched off.  
Supervise if the LED changes from red to green).
- 5. For the operation test, flow water very slowly in the water inlet, not exceeding more than 0.3L,  
And check if the LED changes from green to red.
- 6. To remove the front panel, take out the screw, which is concealed by the rear "CE" label.



6. 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.  
**IMPORTANT:** This diagram is an example of how the pump could be installed and is therefore for reference only. All pump units must be installed by qualified engineers, who have assessed the set-up of the individual a/c unit.

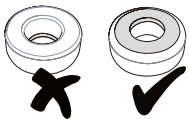


Technical Data

- Power supply : 100-240V AC 50/60Hz
- Max.flow: 40L/h @ 0 head
- Sound level: < 19dB(A) @ 1m
- Water storage: 300ml
- Max.recommended head: 20m• CE marked
- Max.unit output: 46kw / 157000 Btu/h
- Safety switch: 3A Normally closed
- Max.water temperature: 70°C
- Discharge tube: 6mmID
- Class: II appliance
- Rated: continuous
- IP Protection: IPX1
- Thermal protection: ✓
- Fully potted: ✓

Servicing

- This Pump, like all mechanical equipment, requires maintenance.
- Every six months the reservoir should be removed, taking care to clean the filter,float and reservoir thoroughly prior to reassembly. We recommend this is done in the Spring and the Autumn, using an anti-bacterial wash.
- Take great care to replace the float with the magnet facing upwards.\*



Trouble shooting

- Fault: Pump runs all the time**
- 1. Is float positioned with the magnet uppermost?
  - 2. Is the reservoir lid (sensor) located firmly onto the reservoir, with the float located inside the reservoir, around the sensor column?
  - 3. Is there 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.)
- Fault: Pump stops and starts and makes a loud noise.**
- 1. The water is siphoning back through the pump. Follow advice in 'Preventing Siphoning' section.
- Fault: Pump runs but does not pump any water.**
- 1. Are there any air-leaks in the pipe running to the pump?
  - 2. Check that reservoir and inlet tube are free of sludge and debris.

- Please note:**
- After installation and during operation,if you notice air in the pipe between the reservoir and the pump, you have a siphoning problem. Follow advice in 'Preventing Siphoning' section).
  - The pump will only switch off when the float is at the bottom of the reservoir.
- Fault: Pump isn't operating at all.**
- 1. Is power reaching the pump? Is it correctly wired? Is the voltage correct?
  - 2. Is pump very hot? A thermal cut-out may have been activated to protect pump.This will automatically reset once pump has cooled down.