

Operation manual



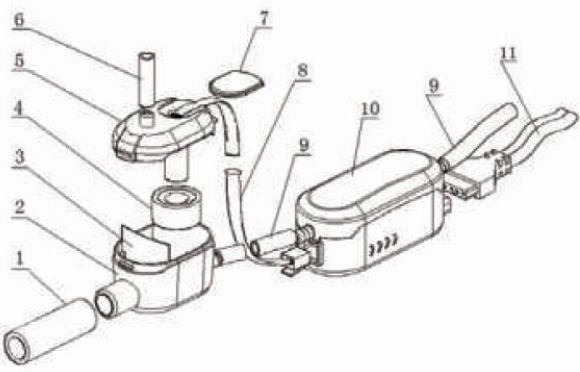
ACMW-PC-12B
ACMW-PC-36B

Thank you for choosing MW POWER product. Please read this instruction before using product and keep this manual for future reference.

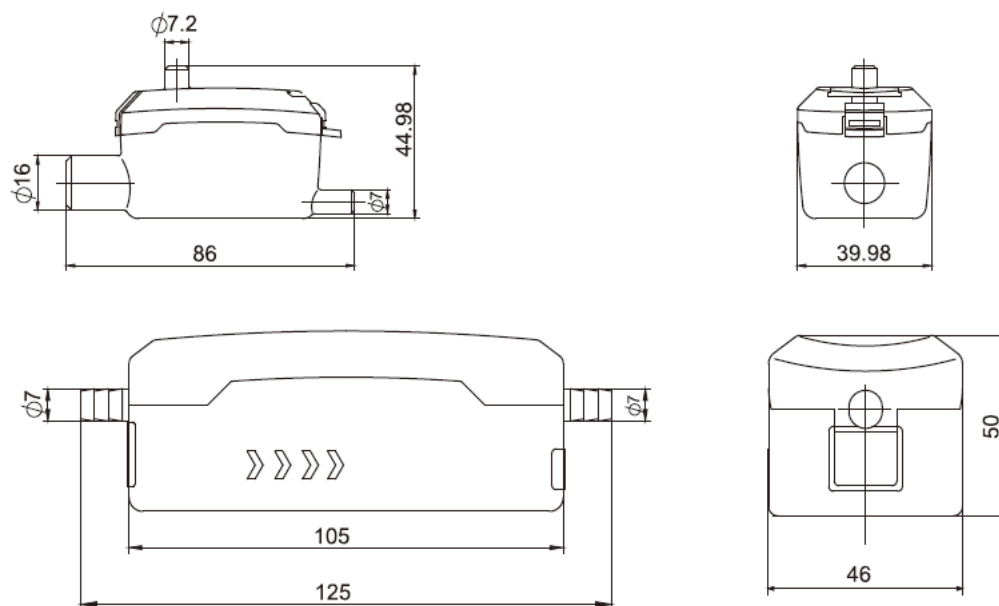
1. Important notes

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

2. Pump components

	1	Silicone tube	7	Insert board
	2	Tank base	8	Sensor cable
	3	Filter	9	Connecting tube
	4	Float	10	Pump assembly
	5	Tank cover	11	6-pin socket lead assembly
	6	Breather tube		

3. Dimension drawing



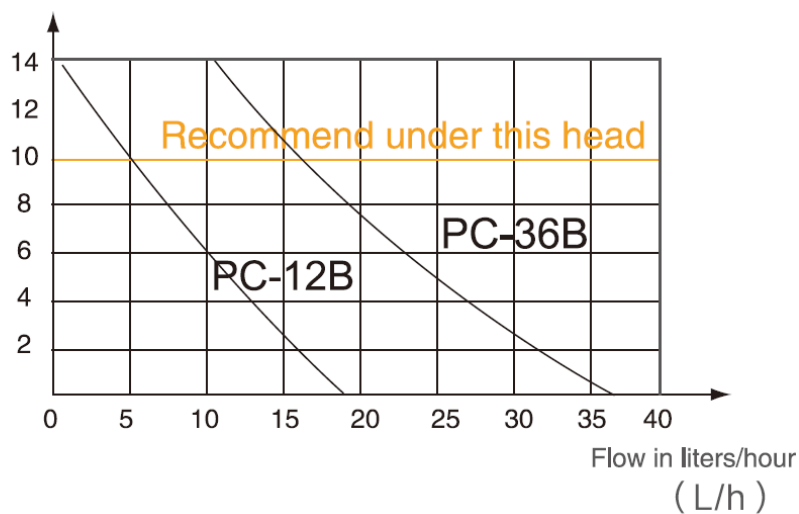
4. Technical parameters

	ACMW-PC-12B	ACMW-PC-36B
Zasilanie	100-230VAc 50/60Hz	
Zasięg pionowy (max)	10m	
Pojemność zbiorniczka	35ml	
Pobór mocy	3W	
Temp pracy	0°C ... +50°C	
Wydajność	Max 18l/h	Max. 36l/h
Głośność	19dB (1m)	21dB (1m)

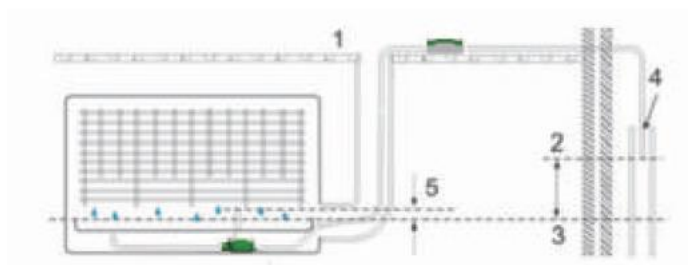
5. Maximum recommended head (m)

Model	(l/h)				
	0m	2m	4m	6m	8m
ACMW-PC-12B	18	12	8	7	6
ACMW-PC-36B	36	34	30	24	20

Meters head
(m)



6. Preventing siphoning advice

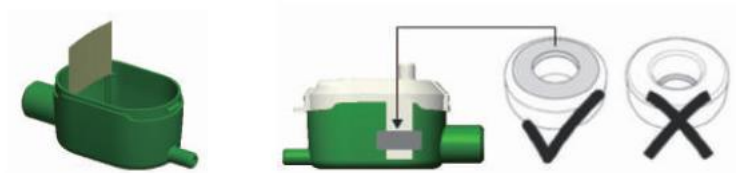


1 – false ceiling, 2 – end of discharge tube, 3 – Water level in drain tray,
4 – Air break, 5 – top of breather tube

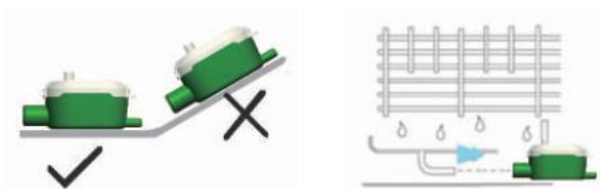
Cut discharge tube above water level of evaporator tray and direct end into large pipe, allowing air breaks (as shown on picture above).

7. Installation procedure

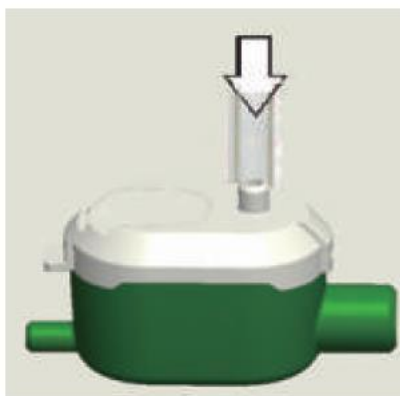
- a. Ensure float is positioned in tank with magnet part uppermost, the filter is in correct place and the lid is clipped firmly onto tank base.



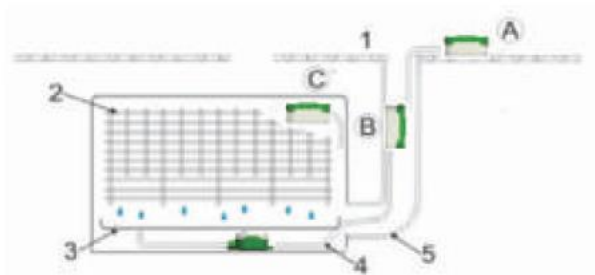
- b. Secure tank horizontally using velcro strips for the inline reservoir use the inlet hose to connect firmly to drainage pipe



- c. Fit breather tube to tank lid.



d. Instal; pump drive unit above the ceiling where possible.



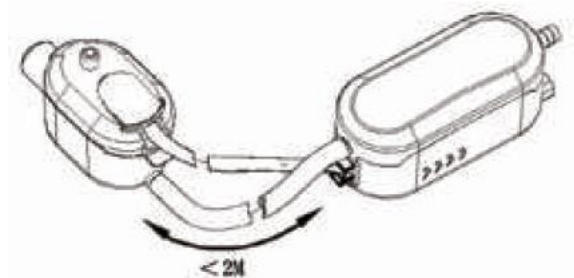
e. Anti-vibration assembly.



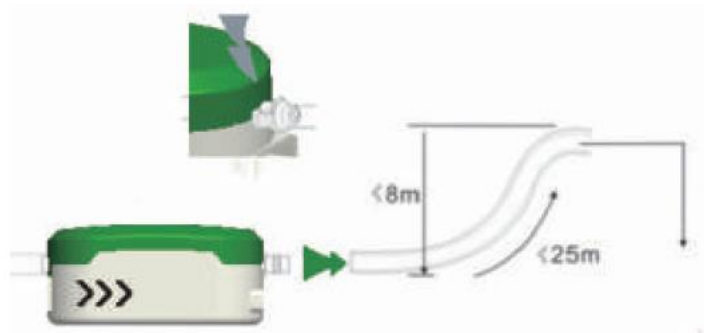
f. Note direction of water flow



g. Push the 9mm/6,, tube onto the tank and the pump. Secure with cable-ties. Ensure length is under 2m.



- h. Connect 9mm/6mm 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.



- i. Power supply wiring, in order to avoid leakage of condensate pump, please connect the signal line and the „Normally close” and „Normally Open” signal terminals according to the requirements of different working conditions (As shown below).

Wires description:

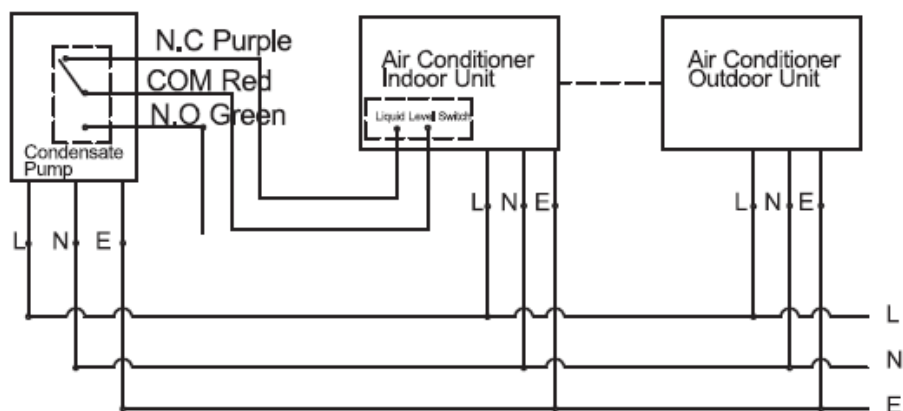
Power cord:

L – fire wire (brown), N – Neutral Line (blue), E – Earth (green-yellow).

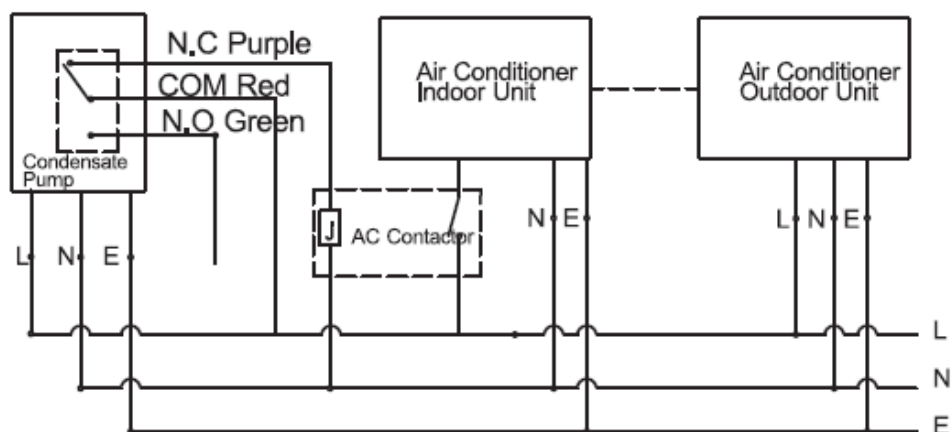
Signal cord:

NC – normal close (purple), COM – common (red), NO – normal open (green).

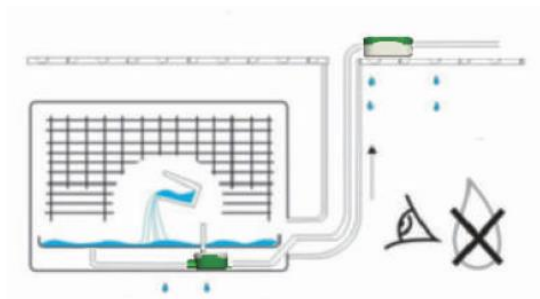
If the air conditioner has got an internal liquid level switch, it can also be connected to the pump, as shown on a schema below.



If the air conditioner hasn't got an internal liquid level switch, it can also be connected to the pump together with a contactor, as shown on a schema below.



- j. Test ump operation by pouring water into evaporator tray. Check for leaks.

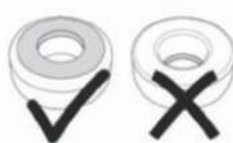


8. Troubleshooting

Problem	Cause	Action
Pump runs all the time	1.Installation is not horizontal	Adjust the tank
	2.There is sludge inside tank	Clean the inside of tank and float
Pump make loud noise	1.The water is siphoning back in the pump	Check whether the outlet pipe is lower than pump thus result in siphoning, raise the condensate pump position
Pump can't start working	1.Installation is not horizontal	Adjust the tank, check water level
	2.The power can't reach pump	Check power supply
	3.The voltage isn't correct	Check power supply voltage

9. Important service guide

Every six months or more often, the tank should be removed, cleaned, and cleaned also the filter and float. We recommend this at the spring, and in the autumn, using anti-bacterial wash chemically. Take a care to replace the float with magnet facing up.



10. Gwarancja

This warranty covers all parts with material or manufacturing faults. The buyers only remedy is the replacement or repair of the defective parts. In no case can labour costs and any consequential damage be cited as a basis for a complaint. Any returned units must be complete. MW POWER is unable to accept any liability in case of nonconfirming installation or noncompliance with the specifications or maintenance recommendations.