

Trouble Shooting

Problem	Cause	Treatment
Pump won't start	<ol style="list-style-type: none"> 1. No power. 2. No water. 3. Filter is blocked. 4. Overload has tripped 5. Low pressure switch wiring connection is loose 	<ol style="list-style-type: none"> 1. Check power supply 2. Check water supply 3. Change internal water filter 4. Press overload switch inside contactor box 5. Check terminals are plugged in correctly
Pump runs but won't build up pressure	<ol style="list-style-type: none"> 1. Too many nozzles in the system 2. Internal water seals are damaged. 3. Internal check valve damaged 4. Broken pipe 	<ol style="list-style-type: none"> 1. Remove nozzles and blank off holes 2. Replace water and oil seals 3. Repair or replace pipe 4. Contact Ozmist for service
Pump stops intermittently	<ol style="list-style-type: none"> 1. Inlet water pressure is dropping. 2. Internal component damaged 	<ol style="list-style-type: none"> 1. Check the water supply. 2. Check water filter and replace if dirty. 3. Call Ozmist for advise
Motor stopped abnormally during operation	<ol style="list-style-type: none"> 1. Internal overload has tripped 2. Motor has overheated 	<ol style="list-style-type: none"> 1. Check the power supply 2. Check water supply is adequate 3. Make sure cabinet has sufficient ventilation 4. Wait until motor cools and reset overload. 5. Check overload setting. Raise if required
Oil is milky in appearance	Internal water seal may be worn.	Pump may require new water seals to be fitted.

If you have been through the above checklist and still have any questions, please do not hesitate to contact Ozmist on 1300 306 478.

OZmist[®]
TOTAL CLIMATE SOLUTIONS

Ozmist Misting Systems CPM25 & CPM55 Pump Module Instructions



Model # _____ **Manufactured:** _____

Serial #: _____ **Purchase Date** _____

Purchased From: _____

V1:07/2020

INSTRUCTIONS FOR USE

Congratulations on your purchase of this quality CPM pump module from Ozmist. By following these simple instructions and providing servicing as scheduled you will have many years of trouble free operation.

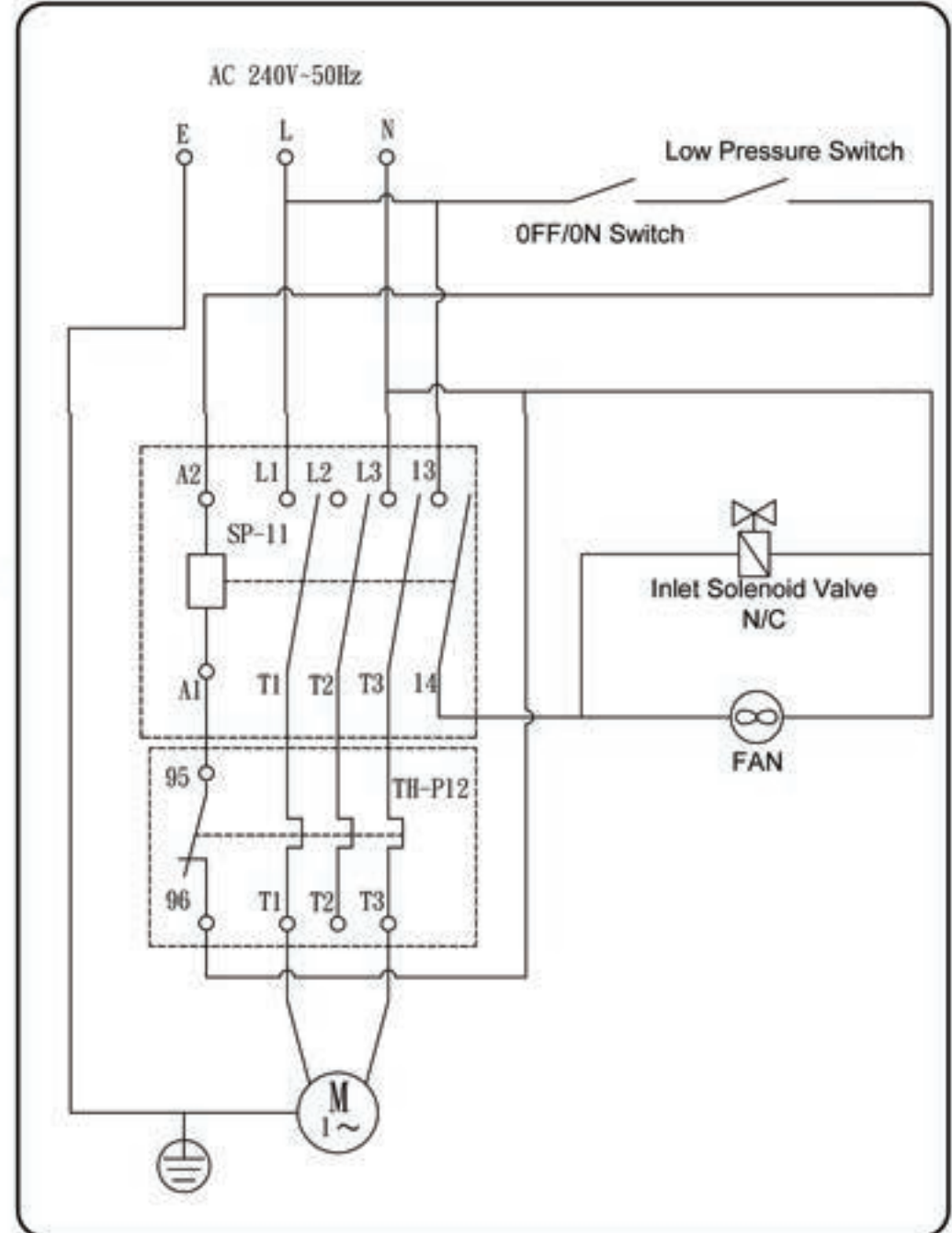
Misting systems are what we do and we reckon we do it best! If you have any queries please do not hesitate to give us a call on 1300 306 478.

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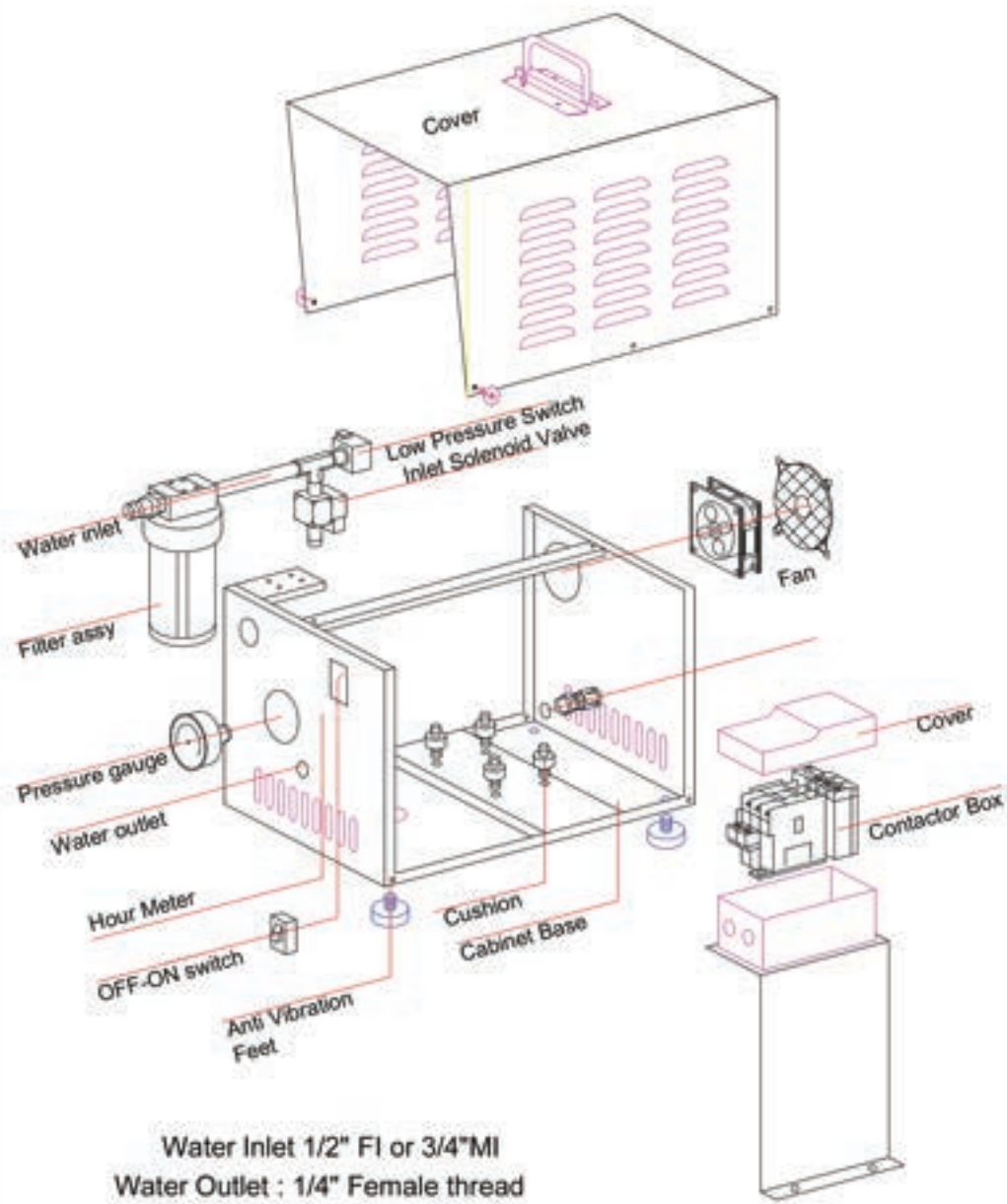
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Please read these instructions in conjunction Static and Fan Installation and Operating Manual before operating.

WIRING DIAGRAM



CPM Pump Module Layout



Safety Instruction

- This CPM pump module is a Mist pump and not designed for any other purpose.
- Please read these instructions along with the Installation and Operation Manual provided with the system before operating.
- Always disconnect power before opening the cabinet for maintenance.
- Electrical components inside the cabinet are 240v.
- If the module power supply cord is damaged it must be replaced before operating, either by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The pump module should only be installed undercover, in a cool dry and well ventilated location.
- Maximum inlet water pressure 3.5 BAR or 50 PSI
- Minimum inlet water pressure 1.75 BAR or 25 PSI



CE Approved appliance



240V appliance. Disconnect from power supply before opening cabinet.



Installation and Start Up

In order to ensure the correct operation of this pump module, please read the following instructions.

1. CPM25 and CPM55 pump modules should be installed in a dry, dust free and well ventilated area. You will need to check the condition of the filter and check oil from time to time so make sure it is accessible.
2. CPM pumps require a single phase 10 amp power supply. If an extension lead is used to power the pump, ensure that it is in good condition. Long runs can lead to voltage drop which could in turn cause damage to the pump motor and components if left unchecked.
3. A POTABLE water supply capable of providing at least 5 Litres of water per minute at a minimum pressure of 25PSI and maximum pressure of 50PSI is required.
4. Do not use snap on hose fittings as they can dislodge and leak water. Use a braided flexible couple where possible to avoid leaks.
5. Connect the included 1/4" Male to Tube fitting into the outlet using thread sealant.
6. When misting lines have been installed, saddled and nozzles fitted the pump can be started. First ensure the inlet water is turned on.
7. Turn the switch at front of the cabinet to the ON position and the motor should start. There will be air in the system, this will eventually pass through the nozzles.
8. Once all air has passed through the pump and nozzles the pressure gauge on the front panel should be reading 1,000PSI or 70 BAR.
9. If the pressure is not reading 70 BAR check for water leaks in the system.
10. To adjust the pump pressure up or down you will need to disconnect the power to the pump and undo the front screws on the side panel and push the lid back. The black spring at the front of the pump is used to either increase or decrease the operating pressure.
11. Turn the spring in a clockwise direction to increase the pressure and anticlockwise to reduce the pressure.
12. The pump head has oil inside which is 15W/40 Fully Synthetic. When the operating hours have reached an initial 60 hours the oil should be drained and replaced.
13. Replace the oil every 250 hours of operation after the initial oil change.

Pump Accessories



IPX4 Water protection.

MODEL	CPM 25
INPUT	240V- 50Hz / 2.3 A
MOTOR	1/3 HP / 0.23Kw
PHASE	SINGLE / 4 POLE
R.P.M	1,420 RPM
L/PM @ 70 B	1.2 L/PM
OPERATING	10-70 BAR
PUMP OIL	15W / 40 FULLY SYNTH
INLET PRESS	25PSI-50PSI
SERIAL #	
DOM	
IMPORTED BY;	MADE IN TAIWAN
OZMIST PTY LTD 26 ROWAN ST WANGARATTA, VIC 3677 PH; 1300 306 478 E;	 

MODEL	CPM 55
INPUT	240V- 50Hz / 2.8 A
MOTOR	1/2 HP / 0.375Kw
PHASE	SINGLE / 4 POLE
R.P.M	1,420 RPM
L/PM @ 70 B	3 L/PM
OPERATING	10-70 BAR
PUMP OIL	15W / 40 FULLY SYNTH
INLET PRESS	25PSI-50PSI
SERIAL #	
DOM	
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