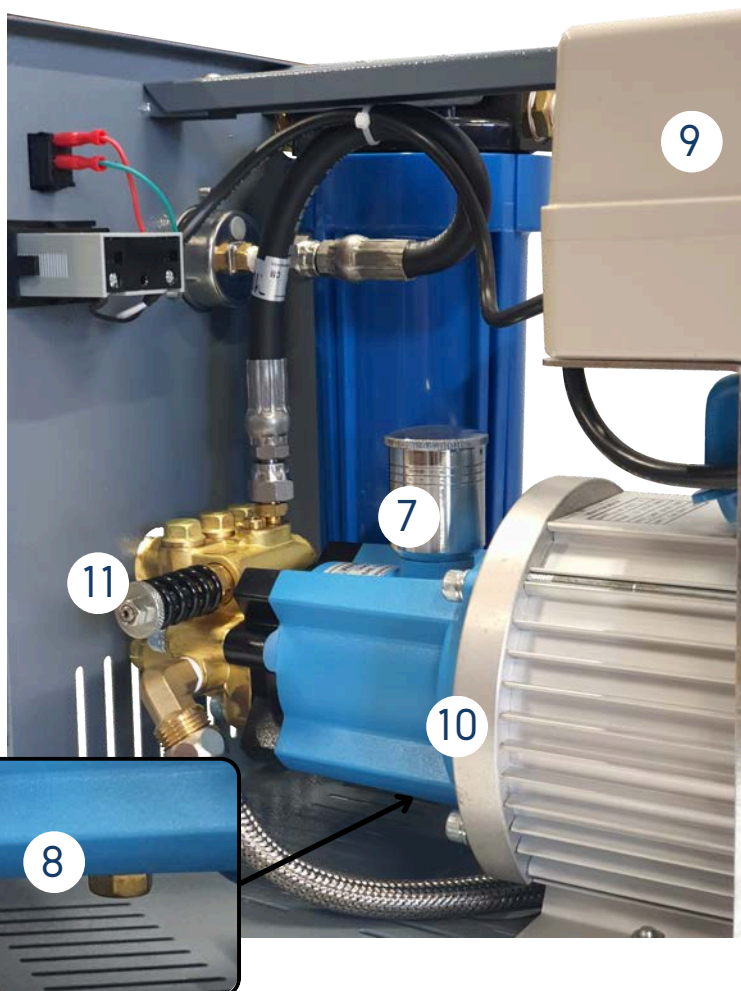


CPM25 - CPM55 SERVICING

KNOW YOUR MIST PUMP

CPM PUMP COMPONENTS



- 1) WATER IN
- 2) ON/OFF SWITCH
- 3) WATER FILTER
- 4) WATER OUT
- 5) PRESSURE GAUGE
- 6) LOW-PRESSURE SWITCH
- 7) OIL RESERVOIR / FILL
- 8) DRAIN PLUG 14MM
- 9) CONTACTOR BOX
- 10) PUMP & MOTOR
- 11) PRESSURE ADJUSTER

KNOW YOUR MIST PUMP

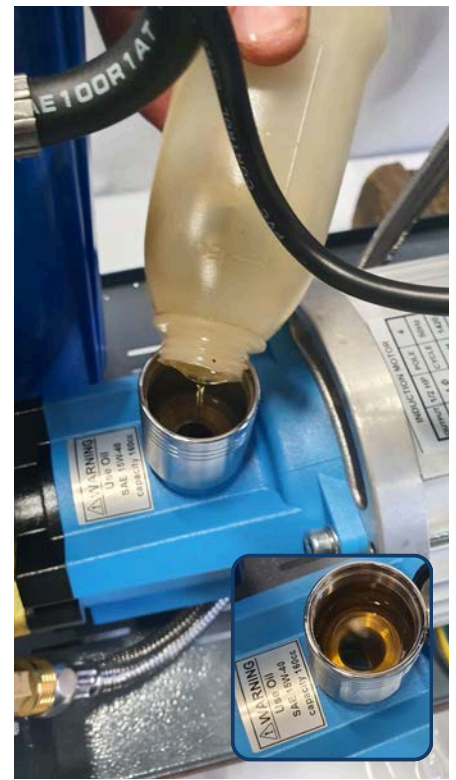
CPM PUMP OIL CHANGE

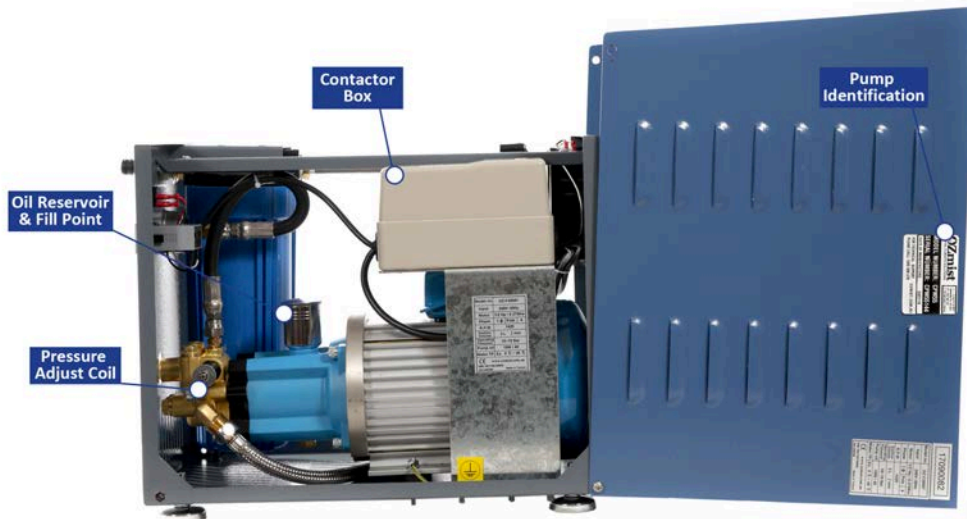


- REMOVE TWO BOLTS FROM EITHER THE FRONT OR BACK OF THE BLUE CPM COVER AND ROTATE OUT OF THE WAY.
- POSITION THE CPM PUMP SO THE BRASS OIL DRAIN PLUG ON THE UNDERSIDE OF THE PUMP UNIT CAN BE ACCESSED.
- PLACE A SUITABLE CONTAINER UNDER THE PUMP TO CATCH THE OIL.
- REMOVE THE DRAIN PLUG AND OIL SHOULD FLOW FROM THE PUMP INTO YOUR CONTAINER, WHILE DRAINING REMOVE THE CAP FROM THE TOP OF THE SILVER CANISTER AND STORE SOMEPLACE SAFE.
- ONCE THE PUMP HAS DRAINED ALL ITS OIL YOU CAN REPLACE THE DRAIN PLUG AND TIGHTEN IT FIRMLY.
- PROCEED TO FILL THE PUMP FROM THE SILVER CANISTER POURING OIL VERY SLOWLY, ALLOWING AIR TO ESCAPE. POUR UNTIL THERE IS OIL HALFWAY UP THE SILVER CANISTER.

IT IS GOOD PRACTICE TO RUN THE PUMP FOR A SHORT AMOUNT OF TIME AFTER AN OIL CHANGE. ONCE RUN FOR A SHORT TIME CHECK THE OIL LEVEL AGAIN.

ONLY USE 15W - 40 OR 10W - 50 FULLY SYNTHETIC OIL IN OUR PUMPS.





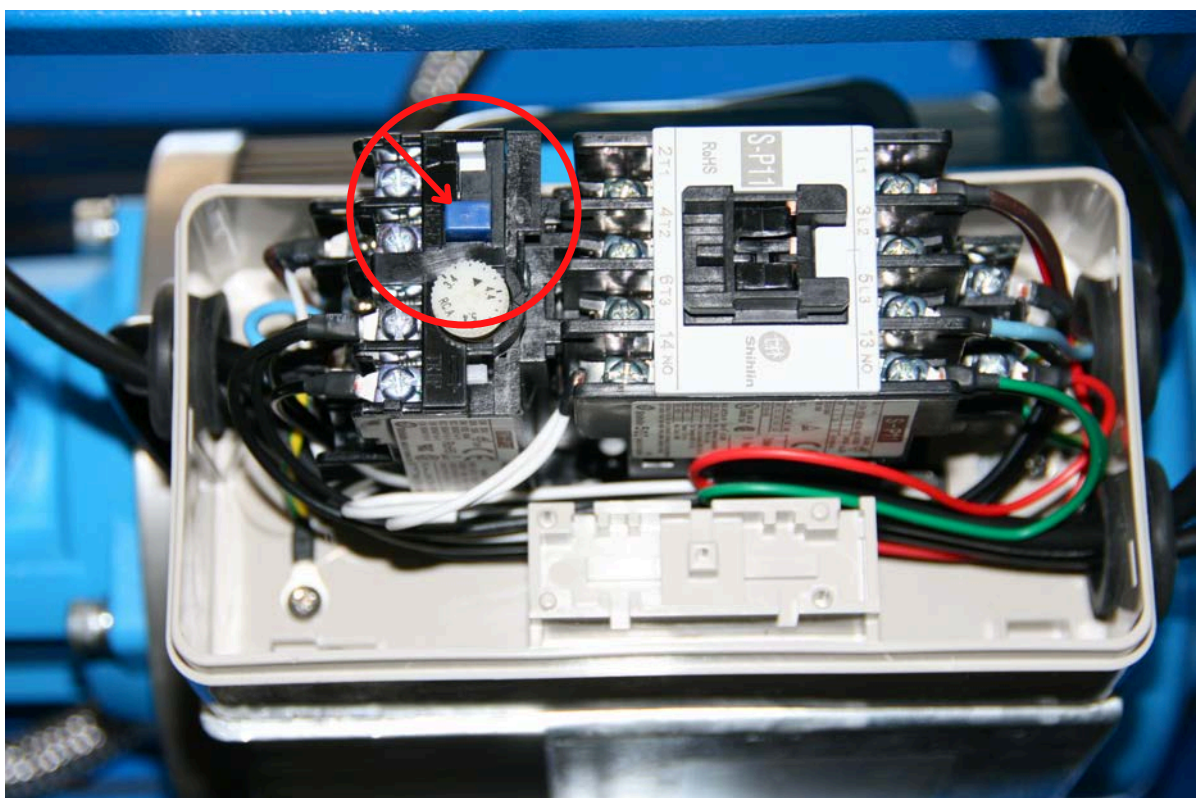
CAUTION

RESET CPM OVERLOAD

CAUTION

MAKE SURE THAT BEFORE ANY OF THE FOLLOWING STEPS ARE TAKEN THAT THE PUMP IS COMPLETELY ISOLATED FROM ITS POWER SOURCE, SWITCHED OFF AND UNPLUGGED.

- REMOVE THE COVER FROM THE PUMP UNIT BY EITHER UNDOING THE TWO THUMBSCREWS OR USING A SCREWDRIVER TO REMOVE TWO OF THE CASE BOLTS.
- LIFT THE COVER FROM THE PUMP AND LOCATE THE CONTACTOR BOX HOUSING THE OVERLOAD SWITCH. REMOVE THE COVER FROM THE CONTACTOR BOX.
- LOCATE THE OVERLOAD SWITCH IT WILL BE A SMALL BLUE TACTILE PRESS SWITCH. ONCE YOU HAVE LOCATED THE SWITCH, PRESS IT ONCE.
- REFIT THE CONTACTOR BOX COVER AND FIT THE LID PACK ON THE PUMP, NOW YOU CAN CONNECT THE PUMP TO POWER AND TRY TURNING THE SYSTEM ON.
- IF THIS HAS NOT SOLVED YOUR PROBLEM PLEASE CONTACT OZMIST ON 1300 306 478.



MAKE SURE THAT THE POWER CONNECTION IS FREE OF OBSTRUCTION BEFORE USE

TROUBLESHOOTING

Q/- TURN THE PUMP ON AND NOTHING, THE CASE FAN NOT SPINNING AND NO MIST IS BEING PRODUCED.

A/- OVERLOAD SWITCH SHOULD BE INSPECTED, BEFORE THIS IS COMPLETED THE PUMP NEEDS TO BE TURNED OFF AND DISCONNECTED FROM ALL POWER SOURCES. FOLLOW THE GUIDE ON THE PREVIOUS PAGE TO RESET THE CPM OVERLOAD.

Q/- THE PUMP IS RUNNING BUT THERE IS ONLY A SMALL AMOUNT OF PRESSURE SHOWING ON THE GAUGE.

A/- THIS MAY BE CAUSED BY A LEAK IN THE HIGH-PRESSURE LINE, CAREFUL INSPECTION MUST BE MADE ACROSS ALL HOSES OR STAINLESS STEEL TUBING. A DAMAGED O-RING, UNSEATED FITTING OR LEAKING HOSE WILL CAUSE PRESSURE TO STOP BUILDING.

Q/- THE PUMP HAS BEEN WORKING GREAT AND ALL OF A SUDDEN THE PUMP TURNS ON BUT TURNS STRAIGHT BACK OFF.

A/- GENERALLY THIS IS CAUSED BY THE LOW-PRESSURE SENSOR BEING TRIGGERED. TURN THE PUMP OFF AND OPEN THE LID, USING THE SUPPLIED FILTER HOUSING WRENCH CHECK THE CONDITION OF THE 10" FILTER CARTRIDGE. IF IT IS WORN OR DIRTY IT NEEDS TO BE REPLACED. THESE 10-MICRON 10" X 2.5" CARTRIDGES CAN BE PURCHASED FROM OZMIST OR MOST PLUMBING SUPPLY STORES.

Q/- THERE IS WATER COMING OUT OF MY PUMP, WHEN I OPENED IT UP THERE IS A LOT OF WATER COMING FROM THE FILTER HOUSING.

A/- IT IS POSSIBLE THAT THE FILTER HOUSING CAN BE DAMAGED. THERE ARE TWO MAIN CAUSES FOR THIS.

- FREEZING TEMPERATURES WITH A FILTER HOUSING FULL OF WATER CAN CRACK OR SPLIT. OZMIST RECOMMENDS THAT ALL LINES AND FILTER HOUSINGS BE DRAINED OF ANY WATER AFTER BEING USED FOR THE LAST TIME AND BEFORE BEING STORED FOR WINTER.

- WHEN REPLACING THE FILTER CARTRIDGE IF NOT INSTALLED STRAIGHT THE CARTRIDGE CAN COMPRESS AND CAUSE PRESSURE ON THE HOUSING THAT WILL RESULT IN IT SPLITTING.

Q/- I HAVE HAD MY PUMP FOR A FEW SEASONS AND IT DOESN'T SOUND RIGHT, THERE ARE ALSO DROPS OF WATER COMING FROM THE BLACK PART THAT CONNECTS THE BRASS HEAD TO THE BLUE MOTOR.

A/- THIS IS A TELLTALE SIGN THAT YOUR PUMP REQUIRES A SERVICE AND SEAL REPLACEMENT. THESE SEALS CAN BE SUPPLIED TO YOU WITH AN INSTALL GUIDE, ALTERNATIVELY, THE PUMP CAN BE SENT BACK TO OZMIST FOR RECONDITIONING.

