



Water Cooled MCH20/22/30/36 Block Installation

The following connections must be made after mounting the block in its permanent location:

1. Water connections made as labeled. Water flows into the cooling system at the Flow Switch attached to the 1st Stage cooling tower and out the 4th Stage cooling tower. There should be no restrictions placed at or after the cooling water outlet.
Note: Water flow required to exceed 2 Gallons Per Minute (7.6 LPM). The Flow Switch activates at 2 GPM and therefore a danger exists that the compressor will shut down if the flow is inconsistent and fluctuates too close to that volume.
2. Flow Switch is to be wired into the control line of the ON/OFF Switch, preferably before the switch. The Flow Switch is normally open (N/O). It will close and allow the compressor to be started only AFTER the flow of cooling water meets or exceeds 2 GPM (7.6 LPM).
3. Low Oil Switch to be wired into either into an existing low oil control circuit or into the control line of the ON/OFF Switch, preferably before the switch. The Low Oil Switch is normally open (N/O). It will close and allow the compressor to be started only when there is sufficient oil in the sump to run the compressor without damage.
4. The unit should be wired such that it will not run if any of these connections are missing.

Stop work and call Nuvair immediately if any questions or problems arise.

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