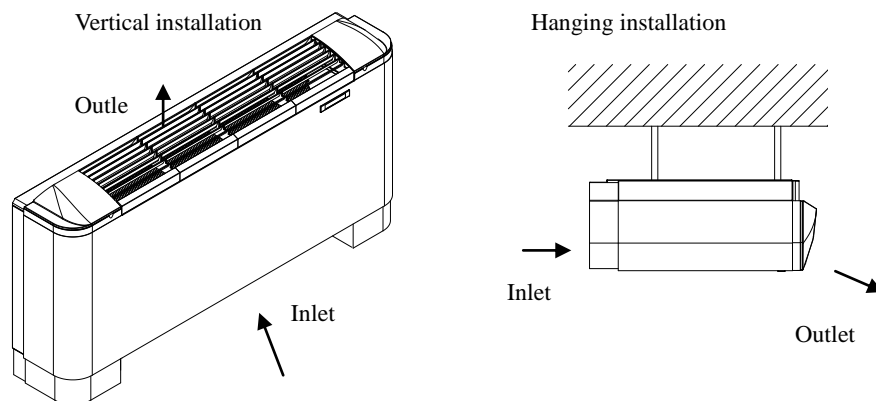


Universal Fan Coil Unit

INSTALLATION AND USER MANUAL

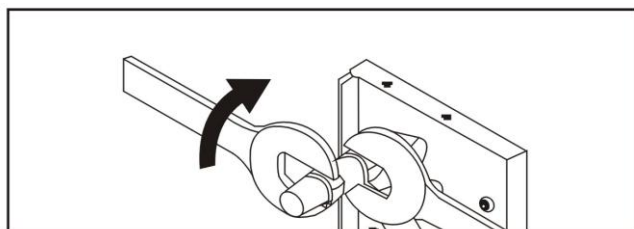
1. INSTALLATION

Pay attention to maintain the unit properly. The turning parts inside should not collide. Make sure there are no superfluous items into fan, Motor or coil. Also make sure that there is nothing in 1.5 meter in front of the inlet and outlet.



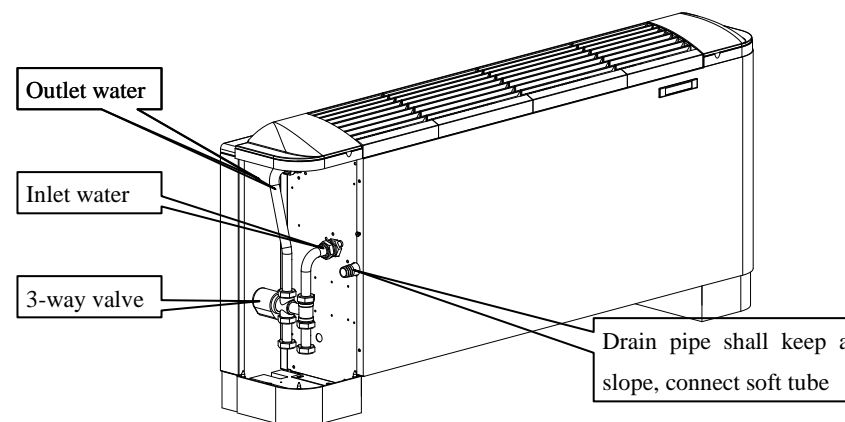
2 WATER CONNECTION

Fix the connections by tightening the fan coil fitting with the wrench against wrench system. Remember that the torque should not exceed 2.5kg.m



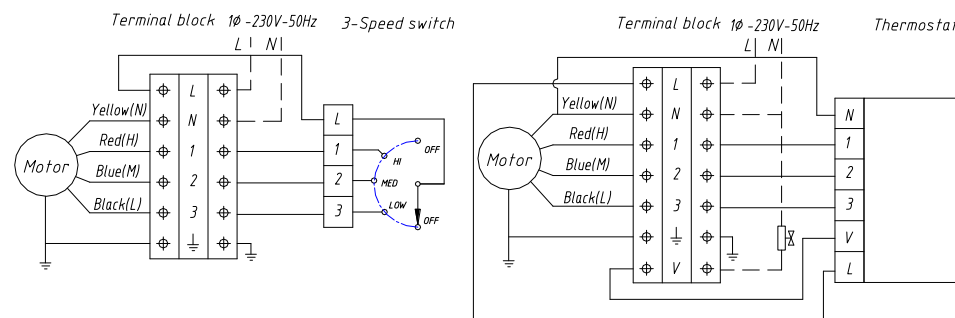
Make sure the correct direction of water flow. The cooling/heating water shall go through the coil from the bottom (inlet) to the top (outlet). The installation of flexible connector is advised to restrict vibration transmitting. To control room temperature use a room sensor connected with 3-way or 2-way valve actuator as on the diagram. Ball valves should be installed to adjust water flow rate or stop up the flow if needed. Using a soft tube as drain pipe, it shall keep a slope to make draining water goes freely, make sure that the drain pipe is fixed with sealing ring and insulated well. All pipes and regulating parts shall be installed. When connection is finished a leak test must be applied. Normally the testing pressure is 1.5 times more than working pressure, and the testing pressure must be less than 1.6MPa.

The drawing is left-handling type



3. WIRING

Make sure of the correct color when connecting wires. Make sure that the unit is grounded properly.



4. TEST RUN

After installation, carry out the test run before decorate the interior.

5. OPERATION

In summer time the cooling water temperature shall not be lower than 5BC, otherwise the dew can destroy the surface of insulation and the interior will be damaged. In winter time the heating water temperature shall not exceed 65BC. If the unit does not work for a long period in winter time the water must be discharged from the coils if there are no any special antifreeze components. Otherwise it will break coils.

6. MAINTENANCE

In order to keep the normal air flow rate clean the filter and the coil permanently. Pay extra attention in case the unit has no cooling/heating effect.