

### A few rules to follow

Carry out the heat exchanger's air exhaust, with pumps stopped, by means of the air valves located adjacent to the attachments of the heat exchanger itself.

When implementing a duct system, it is advisable to place the vibration-damping joints between the ducting and the unit. If you wish to install an electrical resistance module as accessory, the delivery vibration-damping joint should be heat-resistant. The ducting, especially the delivery one, should be insulated with anticondensing material.

Provide an inspection panel adjacent to the equipment for the maintenance and cleaning operations.

Install the control panel on the wall. Choose a position that is easy to access for the setting of the functions and, if contemplated, for the reading of the temperature. Try to avoid positions that are directly exposed to sun rays, or positions subject to direct hot or cold air currents, and do not place obstacles in the way that would prevent the correct reading of the temperature.

### ELECTRICAL CONNECTIONS

Make the electrical connections with voltage OFF, in compliance with the relevant local and national regulations.

Exclusively qualified personnel should carry out the wiring operations. **Each fancoil unit requires a switch (IL) on the feeder line with a distance of at least 3 mm between the opening contacts, and a suitable safety fuse (F).**

Power consumption is shown on the data plate fixed to the unit. Make sure to carefully execute the wiring in function of the combination unit/controller and this according to the correct wiring diagram delivered with every accessory. In order to make the electrical connections you must remove the lower closing panel to access the terminal board. The power cables (power supply and control) must be routed to the terminal board through the cable grip that is on the side panel of the machine on the same side of the hydraulic connections.

### WARNING

**The COMMON wire of the motor is the WHITE one: if connected incorrectly the motor would be damaged irreparably. See wiring diagrams for color codes.**

### FUNCTIONAL CHECKS

Check that the equipment has been installed so that it guarantees the required slant.

Check that the condensate discharge is not clogged (by rubble deposits, etc.).

Check the seal of the hydraulic connections.

Check that all the wirings are tight (perform the check with voltage OFF).

Make sure air has been purged from the heat exchanger.

Power the equipment and check its working efficiency.

### Installation & service distances for FWP units

Consider at least

- 500 mm free space on water connections side (piping & connections) measured from the boundary of the drain pan.
- 200 mm free space on the opposite side (to unscrew heat exchangers or fan deck in case of repairing)
- Possibility to extract filter for cleaning has to be considered
- Possibility to reach the unit for ordinary and extraordinary maintenance (for instance removing front panels) has to be considered