

Installation Instructions of Multiple-FCU Power Supply Units For Line-Voltage Fan and Single 24 VAC 3-Wire On-Off Valve Output

Wiring and Application Notes

- 22 or 24 AWG twisted shielded pair double-insulated cable is recommended as remote sensor wiring and its length must not exceed 50 m.
- Connecting wires between Display/network Control Unit and Power Supply Unit must not exceed 15 m.
- Connecting wires between CON8 (RJ11 phone jack) at upstream MPSU and CON1 at the downstream MPSU should be of a 5-core telephone or CAT 5e cable and must not exceed 25 m.
- Do not bundle and run power wiring and remote sensor wiring in the same conduit.

Wiring Diagram for Multiple-FCU Power Supply Units in Cascade Connections For Line-Voltage Fan and Single 24 VAC 3-Wire On-Off Valve Output

WARNING

Incorrect wiring connection may cause permanent equipment damages to the thermostat.

Piping Notes:

1. V must be a 24 VAC 3-wire on-off valve.
2. In cooling mode, V1 output opens valve and V2 output closes valve.
3. In heating mode, the action is reversed.

