

TERMINAL UNIT INSTALLATION ORIENTATION CONSIDERATIONS



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Price terminals are shipped with an installation orientation sticker and should be installed according to the arrows featured on this sticker. If there is a need to reposition the terminal unit to an orientation other than that indicated by the factory label, the following items must be considered prior to repositioning the unit:

Fan Powered Variable Volume Units - FDV, FDVLP

These units cannot be rotated in the field due to the backdraft damper, which will not close in any orientation other than the original, intended position - with the access panel mounted at the bottom.

Fan Powered Constant Volume Units - FDC, FDCG, FDCA, FDCLP, FDCU, FDBU, FDCGQ

These units can be rotated in any desired orientation, except when provided with electric reheat coils or pneumatic controls.

Consideration has to be taken to ensure the blower access panel is not blocked upon final installation.

FDC, FDCLP - blower access panel is located at the bottom only

FDCU, FDBU - blower access panel is located at the top only

FDCA - blower access panels are located on the top and bottom

FDCG, FDCGQ - there are four blower access panels - top, bottom and both sides

Fan Powered Constant Volume Series Flow for Dedicated Outdoor Air Systems - FDCOA:

This terminal cannot be rotated due to draining issues - draining slots and drain pan are only available at the bottom.

Single Ducts - SDV, SDVLP

Single ducts can be installed in any orientation, except when provided with electric heaters or pneumatic controls.

Dual Ducts - DDV, DDS, DDM, DDU, DDUQ

Dual duct units can be installed in any orientation, except when controlled with pneumatics. The HOT deck COLD deck stickers should be observed when connecting ductwork after flipping the unit.

Bypass Terminal - LGB

Units can operate upside down, but do not install the unit on its side as the slider damper movements will be obstructed.

Valve and Retrofit units - RDV, LDV, SRDV

These terminals will operate in any orientation, except when operated with a pneumatic controller.

Design 75, and Induction Terminal Units

These terminals will operate in any orientation, but note the standard access door location is the bottom. Pneumatic controllers will also affect the installation orientation.

Terminal Units with water coils:

Water coils up to two rows can be reversed or mounted upside down. Coils over two rows should not be reversed since they will lose 5-10% of capacity if not installed in a counter-flow position. Coils will not drain and/or vent if installed with vertical water connections.

Units with electric heaters:

Electric heaters are certified to operate in the orientation as the factory sticker shows. They cannot be reversed nor rotated in the field, unless a local electrical inspector approves the site modification. Flipping these units could lead to ineffective safety control. Note that mercury contractors are position sensitive and may need to be relocated. SCR venting should also be considered, as they are partially sensitive to orientation. Indicate any unusual mounting orientation while ordering from the factory ahead of production.

Units with pneumatic controls:

Price pneumatic controllers are position sensitive, but are supplied with a universal mounting bracket, which allows for field reorientation of the controller, if required. The controllers must be re-calibrated in their final installed position.

Controls by others:

It is recommended that the controls supplier is contacted to confirm any position sensitivity of their equipment.

Fan and Blower Coils:

Fan and blower coils cannot be rotated due to draining issues - draining slots and the drain pan are only available at the bottom of the unit.