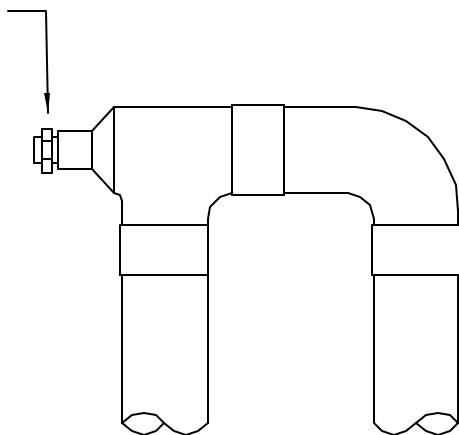


INTERNAL "TUB": TOP U-BEND

MANUAL
AIR VENT



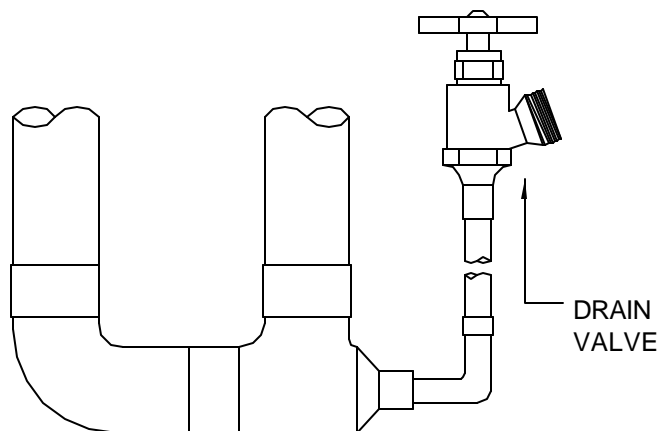
NOTES:

1. The top U-bend is factory assembled inside the top unit on each upfeed riser. Joints are brazed with high temperature silver solder.
2. The manual air vent faces the unit front, and is normally accessible through the front supply grille. On ducted units, access to the air vent is made possible either by installation of an access panel or by an extension tube which relocates the air vent behind the unit return air grille.
3. Unless otherwise noted, units with top U-bends have NO INTERNAL CONDENSATE DRAIN RISER extending through the cabinet top.

INTERNAL "BUB": BOTTOM U-BEND

NOTES:

1. The bottom U-bend is factory assembled inside the bottom unit on each downfeed riser. Joints are brazed with high temperature silver solder.
2. The drain riser extension is shortened to a nominal 8 inches out of the unit bottom.
3. The drain valve is concealed behind an internal bulkhead, and is accessible through the unit return air grille behind the fan access panel for blow-down or draining of the riser.
4. Care must be exercised to prevent freezing of water trapped in the bottom U-bend if the system is filled and then drained during construction.



RISER HEAT-EXCHANGER VERTICAL FAN-COIL UNITS

THE WHALEN COMPANY
EASTON, MARYLAND

TOP AND BOTTOM U-BENDS

DRAWING NO. 141C

AUGUST 2000