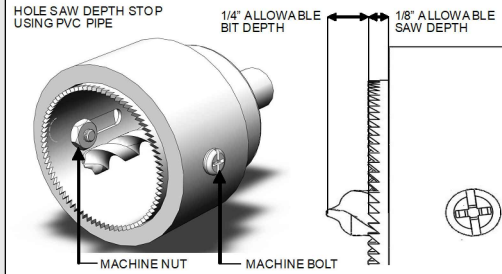


CAUTION

TO PREVENT POSSIBLE DAMAGE TO INTERNAL COMPONENTS, EQUIP HOLE SAW WITH DEPTH STOP SUCH AS ILLUSTRATED BELOW.



SUGGESTED HOLE SAW CONFIGURATION

GROMMET SIZE	HOLE SAW	PVC PIPE
1-1/4"	1-7/8"	2" SCH 80

CostGard™ CONDENSATE DRAIN SEAL POSSIBLE INSTALLATION ARRANGEMENT FOR UNCW-ALLIED HEALTH - AHU-3

HEATING COIL

NO SCALE

COOLING COIL

UV LIGHTS

SUPPLY FANS

SUPPLY AIR

SUPPLY AIR

GROMMET (1-7/8" HOLE SAW)

1-1/4" PIPE & FITTINGS

RAIL

CURB

ALTERNATE SUPPLY LINE

CLEANOUT DRAIN CAPPED

PIPE SUPPORT (TYPICAL)

1-1/4" BALL VALVE #2
(See BALANCING THE AIR SEAL)

1-1/4" BALL VALVE #1
(See BALANCING THE AIR SEAL)

WARNING LABEL

WARNING LABEL

BALANCING THE AIR SEAL
Install ball valves #1 and #2 in the 1-1/4" air supply pipe at locations indicated, with #1 in the closed position and #2 in the open position.
With the air handler running, open valve #1 until the velocity of the air escaping from drain line vent #1 of CostGard #1 is sufficient to cause a slight deflection of a lighter flame. Next, close valve #2 until the same level of flame deflection results from drain line vent #2 of CostGard #2.
Upon completion of the above steps, valve #1 may need to be readjusted.

CostGard™ #1
CONDENSATE DRAIN SEAL
MODEL C38BV-12-85

ROTATE TEE TO ALIGN PIPING
(UP TO 60°)

VENT #1 - 3" HIGH

1" PIPES & FITTINGS TO MAIN DRAIN

CostGard™ #2
CONDENSATE DRAIN SEAL
MODEL C38BV-12-85

ROTATE TEE TO ALIGN PIPING
(UP TO 60°)

VENT #2 - 3" HIGH

1" PIPES & FITTINGS TO MAIN DRAIN

- NOTES:
1. INSTALL PIPE SUPPORTS AS NECESSARY TO ENSURE PIPING INTEGRITY.
 2. ROUTE ALL PIPING TO AVOID ACCESS PANELS.
 3. CONNECTION TO SUPPLY AIR COMPARTMENT MAY VARY.
 4. DO NOT ALLOW PIPES TO PROTRUDE THROUGH GROMMETS MORE THAN 3/4".
 5. ALLOW 1/8" / FT. SLOPE BETWEEN **CostGard™** AND PLACE OF DISPOSAL.
 6. ONCE THE COMPONENTS ARE ASSEMBLED, EACH CONNECTING JOINT MUST BE BONDED WITH PVC CEMENT.

TMI		
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TITLE CostGard™ CONDENSATE DRAIN SEAL POSSIBLE INSTALLATION ARRANGEMENT		
SCALE NONE	DRAWING NO. 561	DATE: 9/6/2019
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</small>		SHEET 1 OF 1