INSTRUCTION SHEET
#396856

Spec-Air® Condensate Vents

INSTALLATION INSTRUCTIONS

CAUTION

INSPECT CONTENTS IMMEDIATELY AND FILE CLAIM WITH DELIVERING CARRIER FOR ANY DAMAGE. **SAVE YOUR BOX AND ALL PACKING MATERIALS.** YOU ARE RESPONSIBLE FOR DAMAGE TO YOUR UNIT IF RETURNED IMPROPERLY PACKED.

Thank you for your purchase! Read this manually carefully to ensure correct use.

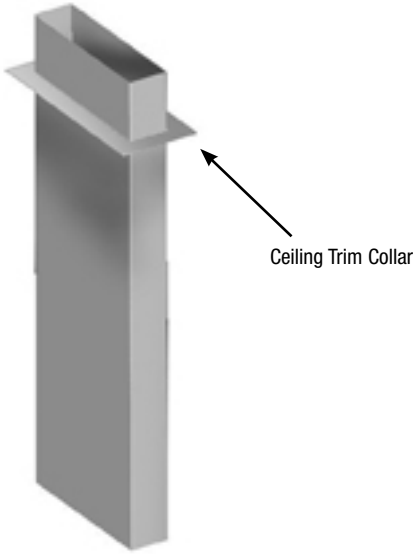
After reading, be sure to store this instruction in a safe place should it be needed for future reference.

Overview

The Eagle Group DVS Spec-Air® Condensate Vents (or vent duct risers) are heavy-gauge type 304 stainless steel duct riser designed to capture and channel high-temperature steam from commercial dishwashing units. Featuring continuous welded liquid-tight seams, proper installation is critical to maintain structural safety and prevent costly moisture damage. DVS vents require a 2-person lift for safety. Follow all specific guidelines to capture high temperature steam and to prevent water from leaking into walls and electrical components.

Tools needed:

- **Hardware:** 100% silicone sealant (or specialized liquid-tight high-temp sealant), sheet metal screws or rivets. The fasteners shall be easily cleanable - Fasteners meeting this requirement include slot-head and Phillips-head screws, hex-head fasteners and flush break pop rivets. Fasteners shall comply with NSF.
- **Tools:** Drill, tin snips/angle grinder, measuring tape, and level.



Condensate Vent

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Spec-Air® Condensate Vents

INSTALLATION INSTRUCTIONS

1. **Pre-Alignment & Clearance Check**

- Align the commercial dishwasher into its operational position.
- Verify ceiling clearance accommodates the full height of the riser.
- Verify operational clearances (usually 2 to 6 inches on sides and back of condensate vent when positioned on dishwasher machine).
- Ensure the 4" x 16" footprint aligns with the dishwasher's exhaust collar.

2. **Aligning the Condensate Vent in the Ceiling**

- Cut a rectangle opening on the ceiling for the condensate vent. Standard DVS sizes are 4" x 16".
- Thoroughly clean the mounting surfaces on both the dishwasher collar and the full condensate vent.
- Slide the adjustable ceiling trim collar onto the riser duct (if not already attached). Leave ceiling trim collar loose until ceiling plate and duct integration step.
- Move the riser and collar straight up toward and into the ceiling cut-out.

3. **Sealing the Base Connection**

- Locate the built-in rectangular exhaust port on the back or top of your commercial dishwasher.
- Guide the DVS vent straight down onto the dishwasher's exhaust port and slip in.
- Use a level to assure vent seats vertically from all sides.
- Once properly set, apply a continuous heavy bead of high-temperature NSF-approved silicone along the seating track for vapor-tight seal.
- Secure the riser to the dishwasher's exhaust port using stainless steel screws. Pre-drill a hole and then fasten with appropriate stainless-steel hardware.

4. **Ceiling Plate & Duct Integration**

- Push the trim ceiling collar flush against the ceiling grid to mask the existing ceiling cut-out hole. Secure the ceiling collar plate tightly using stainless steel sheet metal screws. Ensure no gaps remain where steam could escape.
- Connect the upper exhaust opening to a dedicated kitchen exhaust ducting network or position under a condensate hood plenum.

(End)

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