Galvanized Duct Hanger Installation

Tools & Materials Needed:

- Galvanized Duct Hangers (8", 9", or 10")
- Measuring tape
- Drill or screwdriver
- Screws or anchors (appropriate for the mounting surface)
- Metal snips (for cutting the hanger if needed)
- Stud finder (for wooden framing)
- Level (for proper alignment)
- Safety glasses and gloves

Step-by-Step Installation Guide

Step 1: Measure & Mark the Installation Points

- 1. Identify where the duct needs support (typically every 4 to 6 feet for horizontal ducts).
- 2. Use a measuring tape to mark the mounting points on the wall, ceiling, or framing structure.
- 3. If attaching to wood framing, locate studs using a stud finder for a secure connection.

Step 2: Prepare the Galvanized Duct Hanger

- 1. Select the correct hanger size (8", 9", or 10") based on the duct dimensions.
- 2. If necessary, use metal snips to cut the hanger strap to the required length.
- 3. Ensure the cut edges are smooth to prevent damage to the duct.



Step 3: Secure the Hanger to the Structure

- 1. Position one end of the galvanized hanger at the first marked mounting point.
- 2. Drill a pilot hole if attaching to wood, or use anchors for drywall or concrete.
- 3. Secure the hanger using screws or appropriate fasteners.
- 4. Ensure the hanger is firmly attached but allows flexibility for adjustments.

Step 4: Attach the Duct to the Hanger

- 1. Wrap the galvanized hanger around the duct, ensuring a snug fit.
- 2. Bring the loose end back to the mounting surface and secure it with screws.
- 3. Adjust the strap to ensure the duct is level and properly supported.
- 4. Do not overtighten—the duct should be secure but not compressed.

Step 5: Install Additional Hangers

- 1. Continue installing additional hangers every 4 to 6 feet along the duct path.
- 2. Ensure each hanger provides even support to prevent sagging.
- 3. Use a level to verify proper alignment before final tightening.

Step 6: Final Inspection & Adjustments

- ✓ Confirm all fasteners are tight and secure.
- ✓ Check for any movement in the duct and adjust as needed.
- ✓ Ensure unrestricted airflow by maintaining proper duct positioning.

<u>Pro-Tips</u>

- Use heavy-duty screws for added stability.
- Ensure the galvanized coating remains intact to prevent rust.
- If needed, double-strap larger ducts for extra reinforcement.
- Follow local HVAC and building codes for compliance.



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For inquiries, contact: Dundee Manufacturing Company www.dundeemfg.com