

**Accessory Head Pressure Control Damper
For Use with Horizontal
Indoor Single-Package Cooling Units
Sizes 024 to 060**

Cancels: New

IIK 502A-24-1
2/15/01

Installation Instructions

Part No. LD28ZZ029

PACKAGE CONTENTS

ITEM	QUANTITY
Damper	1
10-ft length 1/4-in. copper tubing with flare nuts	1
Schrader valve	1
1 1/2-in. snap bushing	1

INSTALLATION

Horizontal Indoor Single-Package Cooling Units are shipped from the factory fully assembled. Units, however, may be split in the field if necessary. See unit installation instructions for details.

IMPORTANT: Refrigerant system contains high-pressure refrigerant. Wear safety glasses and gloves when attaching copper tubing to Schrader valve on liquid line.

1. Before installing unit, drill 1 1/2-in. diameter hole in top cover of evaporator to allow routing of 1/4-in. copper tubing, taking care not to drill into any other part of unit. See Fig. 1.
2. Install 1/4-in. copper tube with flare nuts. Be sure to connect copper tube to damper side first. See Fig. 2.
3. Connect copper tubing to Schrader valve on refrigerant liquid line.
4. Paint edge of drilled hole to protect against corrosion.
5. Insert 1 1/2-in. snap bushing through drilled hole.
6. Install unit following special unit installation instructions packaged with unit. Be certain to follow all cautions and procedures.

7. To install damper to condenser supply airside of unit, connect field-supplied flexible duct between damper and duct system.
8. Attach damper support to control damper. See Fig. 2 and 3.

NOTE: A field-supplied step-up transition piece is required in ductwork when this damper is used on size 048 and 060 units. No ductwork transition is required for size 024 and 036 units. See Fig. 4 for control damper dimensions.

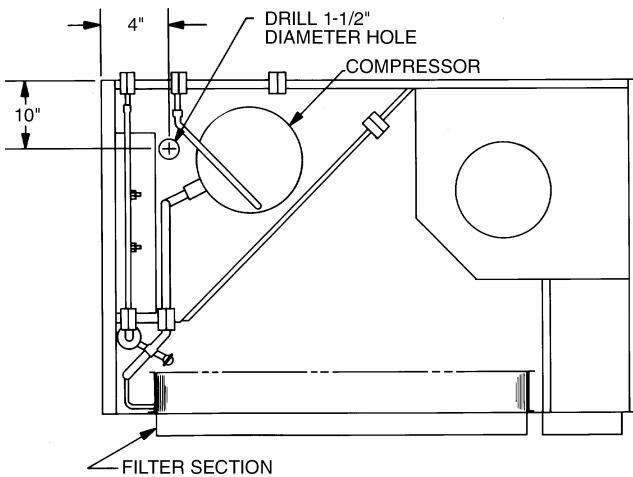


Fig. 1 — Location of Drilled Hole (Top View)

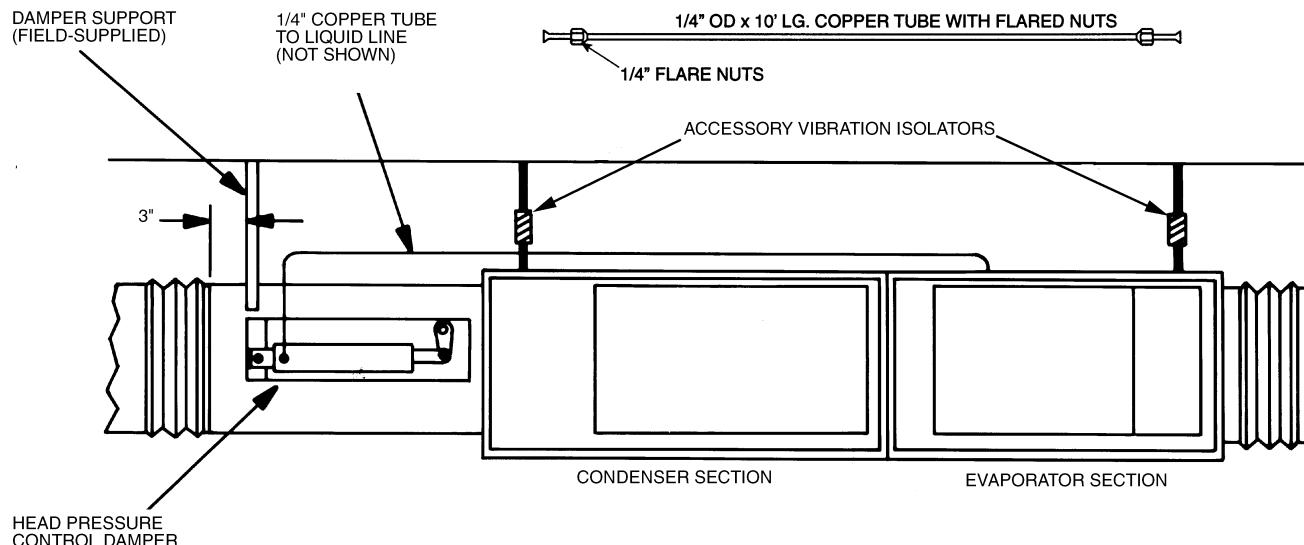


Fig. 2 — Head Pressure Control Damper Installation — Factory Configuration

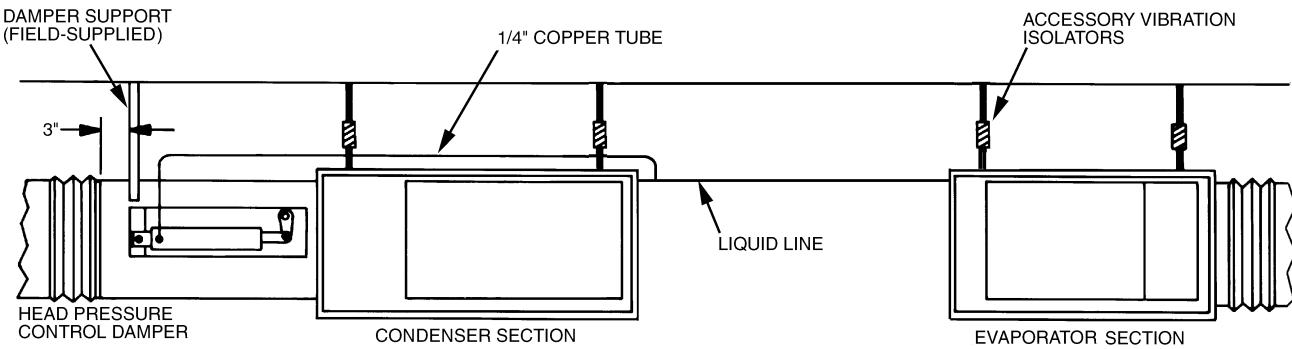


Fig. 3 — Head Pressure Control Damper Installation — Split Configuration

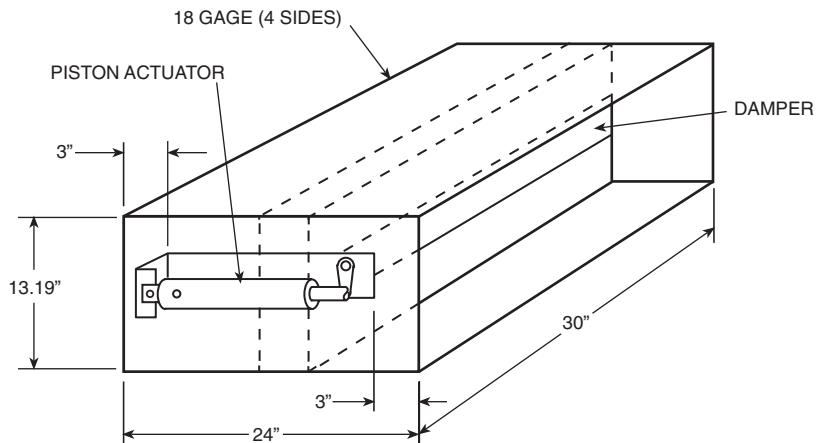


Fig. 4 — Head Pressure Control Damper Dimensions