



6390 Philips Highway  
 Jacksonville, FL 32216  
 Phone (904) 737-7144

**SPECIFICATION DATA SHEET**

**MODEL No. 316-DSO**

**TAKE OFF COLLAR FOR ROUND PIPE WITH  
 THERMA SEAL GASKET FLANGE, MANUAL VOLUME  
 DAMPER, DAMPER HANDLE STANDOFF AND SCOOP**

Date: 10/23/09 rev. Drawn by: DON.JR.

**DIMENSIONAL DATA**

DIAMETER	TO FIT PIPE SIZE
4"	8"
5"	8"
6"	10", 12", 14"
7"	10", 12", 14"
8"	10", 12"
9"	12", 14", 16"
10"	12", 14", 16"
12"	14", 16", 18"
14"	16", 18", 20"
16"	18", 20"

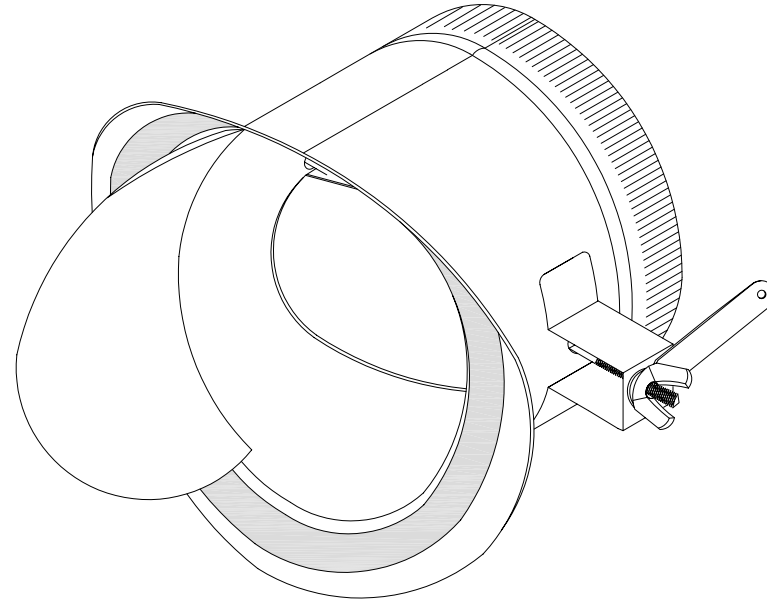
**FABRICATION DATA**

MATERIAL:  
 HOT DIPPED GALVANIZED STEEL SHEET  
 PER ASTM-A653 CS TYPE B.

GAUGES:  
 4" THROUGH 9" = 30 GAUGE  
 10" THROUGH 16" = 28 GAUGE

**FEATURES**

- CONTOURED FLANGE WITH THERMA SEAL GASKET DESIGNED TO MOUNT TO ROUND PIPE.
- SCOOP IS WELDED AT FLANGE TO PENETRATE INTO TRUNK DUCT.
- CRIMPED MALE CONNECTION FOR BRANCH DUCT.
- MANUAL VOLUME DAMPER INSTALLED.
- SIZES 4" THROUGH 10" HAVE DAMPER WITH 1/4" REGULATOR.
- SIZES 12" THROUGH 16" HAVE REINFORCED DAMPER AXIS WITH 1/4" REGULATOR, END BEARING WITH WASHER AND WING NUT.
- 2" DAMPER HANDLE STANDOFF.



**SPECIAL NOTES**

- RECOMMENDED INSTALLATION: DAMPER AXIS PARALLEL TO AIR FLOW.
- THERMA SEAL GASKET ATTACHED TO OUTBOARD FLANGE BEARS FIRE HAZARD CLASS 1, FLAME SPREAD LESS THAN 25, SMOKE DENSITY LESS THAN 50.