



6390 Philips Highway
Jacksonville, FL 32216
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SPECIFICATION DATA SHEET

MODEL No. 3710-DS

TAKEOFF WITH GASKET RING, MANUAL VOLUME
DAMPER, AND 2" DAMPER HANDLE STANDOFF

Date: 10/12/09 rev.

Drawn by: M.D.C.

DIMENSIONAL DATA

SIZES: 4" THROUGH 20" DIAMETER

COLLAR LENGTH 6" ALL SIZES

FABRICATION DATA

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

GAUGES:
4" THROUGH 8" = 28 GAUGE
9" THROUGH 14" = 26 GAUGE
16" THROUGH 20" = 24 GAUGE

AIR FLOW CHARACTERISTICS

BASED ON 700 F/M VELOCITY IN MAIN DUCT, 600
F/M VELOCITY IN BRANCH DUCT. DESIGN
FRICTION LOSS OF .15" W.G. PER 100 FT. OF DUCT.
PRESSURE LOSS IN EQUIVALENT FEET OF
BRANCH DUCT = 25FT.

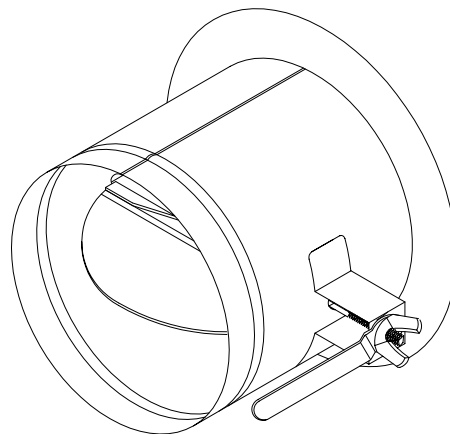
FEATURES

FABRICATED WITH CONTINUOUS WELD
LONGITUDINAL SEAM FOR NO AIR LEAKAGE
AT 2" W.G. STATIC PRESSURE.

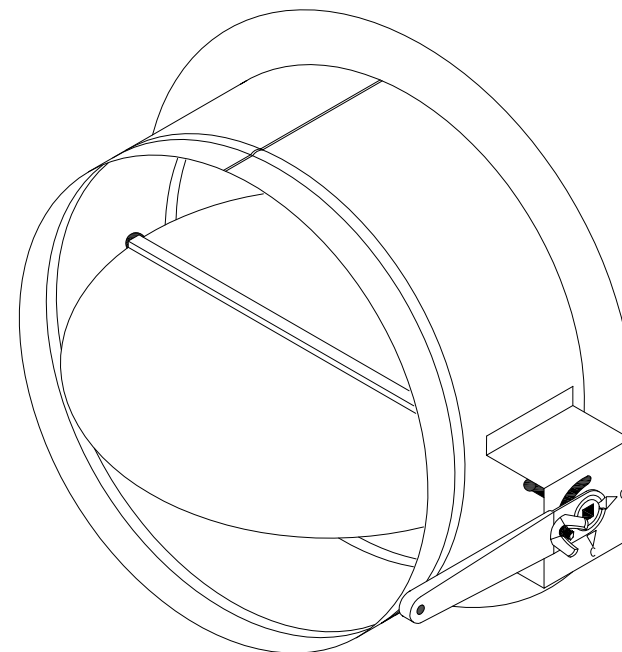
FABRICATED WITH 1" WIDE GASKETED FLANGE
WITH PRE-DRILLED SCREWS HOLES FOR EASE
OF INSTALLATION.

2" DAMPER HANDLE STANDOFF TO ALLOW
CLEARANCE FOR EXTERNAL INSULATION.

MADE TO MEET S.M.A.C.N.A. GAUGE STANDARDS.
MAXIMUM 2" W.G. STATIC PRESSURE.
(S.M.A.C.N.A. HVAC DUCT CONSTRUCTION
STANDARDS, SECOND EDITION - 1995)



CONFIGURATION OF
4" THROUGH 12" DIAMETERS



CONFIGURATION OF
14" THROUGH 20" DIAMETERS

SPECIAL NOTES

RECOMMENDED INSTALLATION: DAMPER AXIS PARALLEL TO AIR FLOW.

SIZES 4" THROUGH 12": REINFORCED DAMPER AXIS WITH 1/4" REGULATOR, END BEARING WITH WASHER AND WING NUT, 2" DAMPER HANDLE STANDOFF.

SIZES 14" THROUGH 20": 3/8" CONTINUOUS ROD DAMPER AXIS WITH LOCKING REGULATOR, NYLON GROMMETS INSTALLED AT THE COLLAR PENETRATIONS, 2" DAMPER HANDLE STANDOFF.