



6390 Philips Highway
Jacksonville, FL 32216
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SPECIFICATION DATA SHEET

MODEL No. 3710-D

TAKEOFF WITH MANUAL VOLUME DAMPER

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

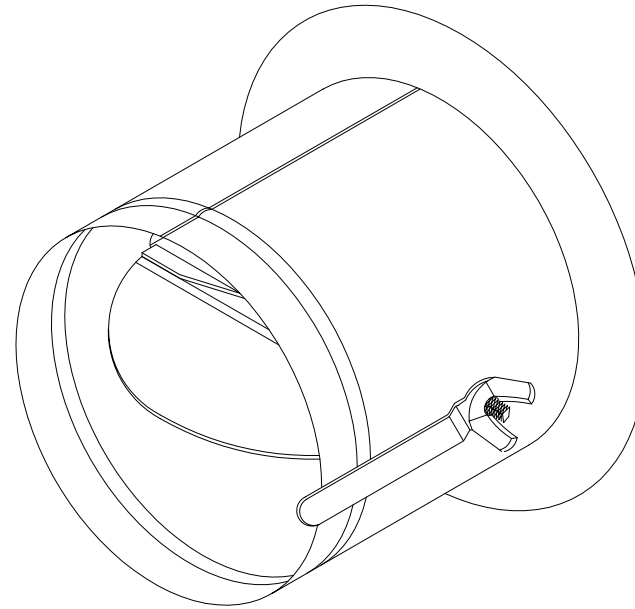
FABRICATED WITH CONTINUOUS WELD
LONGITUDINAL SEAM FOR NO AIR LEAKAGE
AT 2" W.G. STATIC PRESSURE.

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

OPTIONS

NO. 3710: STRAIGHT TAKEOFF WITH GASKETED
FLANGE.

NO. 3710-DS: TAKEOFF WITH MANUAL VOLUME
DAMPER AND 2" DAMPER HANDLE
STANDOFF.



**CONFIGURATION OF
4" THROUGH 12" DIAMETERS**

SPECIAL NOTES

RECOMMENDED INSTALLATION: DAMPER AXIS PARALLEL TO AIR FLOW.

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

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

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