



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

SPECIFICATION DATA SHEET

Date: 03/06/19 rev.

Drawn by: M.D.C.

MODEL No. 3710-DS2

SIZES 4" - 12" DIAMETERS
STRAIGHT TAKEOFF with GASKET FLANGE,
MANUAL VOLUME DAMPER with HANDLE STANDOFF,
SOLID ROD DAMPER AXIS

DIMENSIONAL DATA

SIZES AVAILABLE: 4" THROUGH 12" DIAMETER
COLLAR LENGTH 6" ALL SIZES

FABRICATION DATA

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

SIZE	BODY	DAMPER BLADE
4" - 8"	28 GA.	24 GA.
9" - 12"	26 GA.	24 GA.

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

SPECIAL NOTES

RECOMMENDED INSTALLATION: DAMPER AXIS PARALLEL TO AIR FLOW.

MADE TO MEET S.M.A.C.N.A. GAUGE STANDARDS. MAXIMUM 10" W.G. STATIC PRESSURE SCHEDULE.
(S.M.A.C.N.A. HVAC DUCT CONSTRUCTION STANDARDS, THIRD EDITION - 2005)

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

