



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

SPECIFICATION DATA SHEET

MODEL No. 3210

CONICAL TAKEOFF WITH GASKET RING

Date: 10/06/09 rev.

Drawn by: M.D.C.

DIMENSIONAL DATA

SIZES AVAILABLE: 4" THROUGH 20" DIAMETER

ORDER BY BRANCH DUCT DIMENSION.
HOLE DIMENSION CUT IN TRUNK DUCT IS
2" GREATER THAN BRANCH DUCT.

5 3/8" LONG COLLAR.

FABRICATION DATA

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

GAUGES:
SIZES 4" - 8" 28 GAUGE
SIZES 9" - 14" 26 GAUGE
SIZES 16" - 20" 24 GAUGE

FEATURES

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

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

AIR FLOW CHARACTERISTICS

BASED ON 900 F/M VELOCITY IN MAIN DUCT;
700 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 = 3 FT.

OPTIONS

No. 3210-D: CONICAL TAKEOFF WITH MANUAL
VOLUME DAMPER.
No. 3210-DS: CONICAL TAKEOFF WITH MANUAL
VOLUME DAMPER AND 2" DAMPER
HANDLE STANDOFF.

SPECIAL NOTES

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)

