

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

# **SPECIFICATION DATA SHEET**

Drawn by: M.D.C.

Date: 03/05/19 rev.

**MODEL No. 3210** 

CONICAL TAKEOFF WITH GASKET RING

### **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

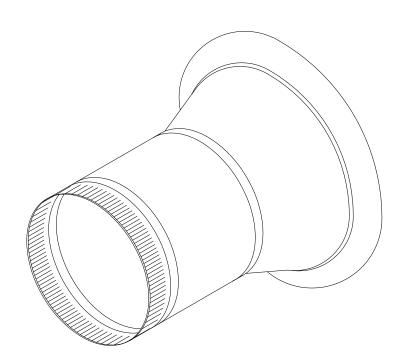
#### **FEATURES**

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