



100 Royal Way
 Temple, GA 30179
 Phone (800) 520-6593

SPECIFICATION DATA SHEET

Date: 8-25-19

**MODEL No. 309SG
 High Efficiency Takeoff**

DIMENSIONAL DATA

<u>Register</u> <u>Size</u>	<u>Collar</u> <u>Size</u>	<u>Height</u>	<u>Height</u> <u>w/Damper</u>
4" x 8"	4"	6 3/8"	11 1/4"
5" x 10"	5"	6 3/8"	11 1/4"
6" x 12"	6"	6 3/8"	11 1/4"
6" x 12"	7"	7 3/8"	11 1/4"
6" x 12"	8"	6 3/8"	11 1/4"
6" x 15"	9"	8 1/2"	13 1/4"
6 3/4" x 16"	10"	6 3/4"	11 1/2"
8 1/2" x 18"	12"	7 3/4"	12 1/2"
9 1/2" x 20"	14"	7 3/4"	12 1/2"
9 1/2" x 24"	16"	7 3/4"	12 1/2"
10 3/4" x 24"	18"	8.75"	13 1/2"

FABRICATION DATA

Material:

ASTM-A653 CS Type B Galvanized Steel
 G-30 Coating LFQ Chemical Treatment
 4" - 16" 26GA
 18" - 20" 24GA

Assembly: Continuous weld longitudinal seam
 Meets SMACNA GA Standards 10" W.G. Static Pressure

Insulation: To be wrapped with Fiberglass Insulation
 by Contractor

Available Options

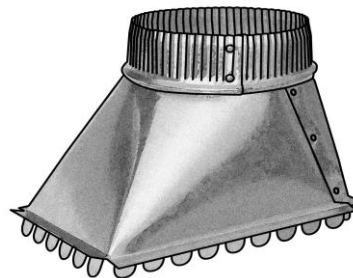
Gasket: Fire Retardant Polyethylene Foam
 with Double Stick 3M Tape UL94 HF-1
Dmp. Hdw.: Available Raised Quadrants:
 Rossi TwistKnob
 Standoff Regulator for 2" wrap with
 continuous 3/8" rod.

Model Options

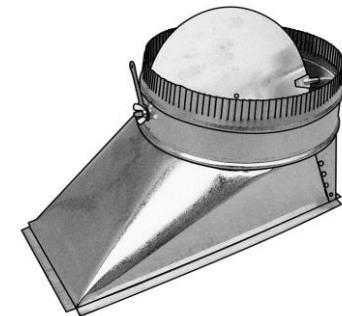
- Model 309STR:** High Efficiency Takeoff for Metal and Duct Board
- Model 309STRD:** High Efficiency Takeoff w/ Damper for Metal and Duct Board
- Model 309SG:** High Efficiency Takeoff w/ Gasket
- Model 309SDG:** High Efficiency Takeoff w/ Gasket and Standard Regulator Damper
- Model 309SDGRQ2:** High Efficiency Takeoff w/ Gasket and Raised Quadrant Damper (2" Wrap)

309STR

(shown with 1" Tabs For Duct Board)

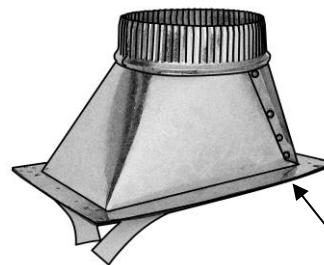


309STRD



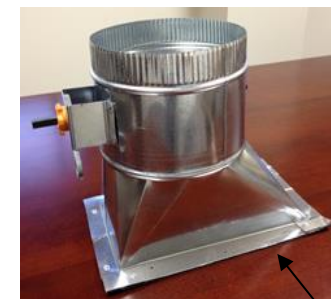
Model(s) 309SG, 309SDG, 309SDGRQ, 309SDGRQ2

309SG



1" Flange

309SDGRQ - available with 3/8" rod



Height w/
 Damper

1" Flange

Superior Quality, Superior Service, Superior Value.. that's the Royal Advantage