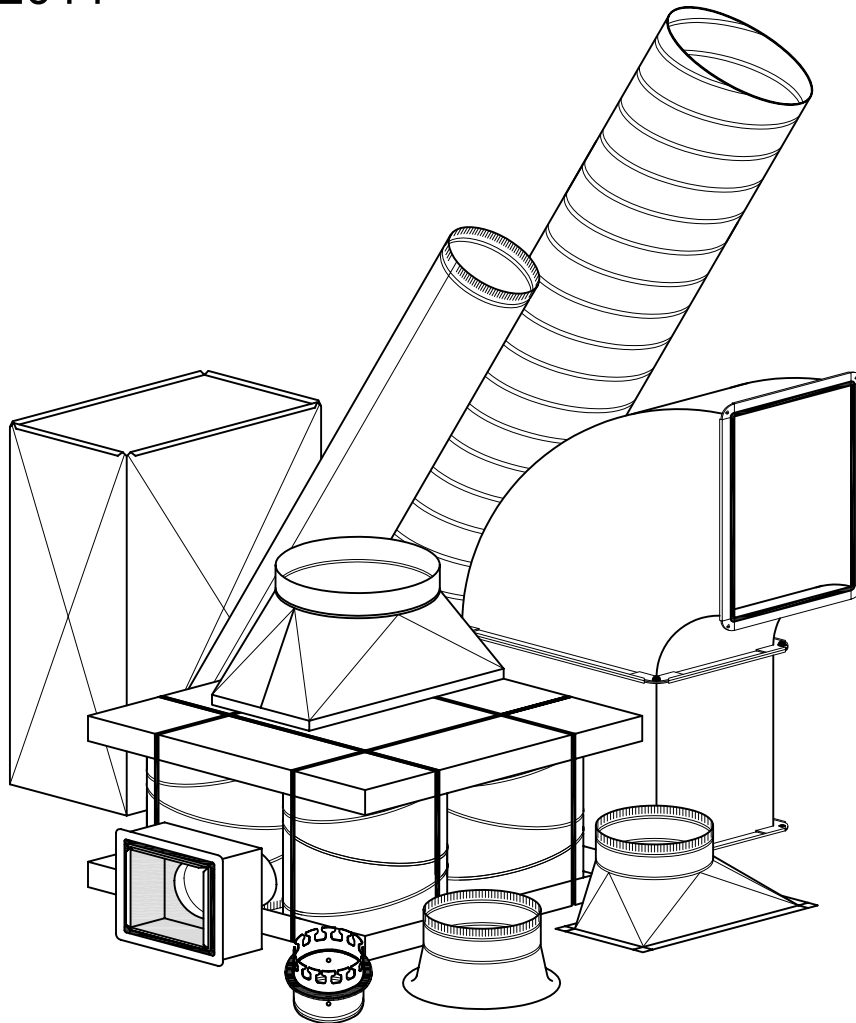




Residential and Commercial Air Duct Products
Catalog No. 25
April 2011



Serving the HVAC Industry Since 1964

www.crownproductsco.com

Residential and Commercial Air Duct Products

INDEX

Residential Products

Page	Contents
1	Snaplock Pipe, SMACNA Gauge Requirements, Aluminum Flexible Pipe
2	Adjustable Elbows and Angles, Tees, Reducers, Wyes
3	Takeoffs for Round and Rectangular Steel Duct, Register Boots and Boxes
4	Starting Collars; No. 261 Series, No. 720 Series, No. 650 Series
5	Starting Collars; No. 616 Series, Round Damper Sleeves, Flex Duct Connector, Backup Ring, and No. 620 Series
6	Starting Collars; No. 310 Series and No. 311 Series
7	Starting Collars; No. 710 Series and No. 711 Series
8	Insulated Register Boots and Boxes, R-4.2 and R-6.0
9	Insulated Register Boxes, R-6.0 & R-8.0 and Boxes with Gasket
10	Ceiling Radiation Damper Boxes
11	The Dryerbox and Exhaust Vents
12	Stands for Air Handler Units, Condensing Unit Tie Down Brackets
13	Radius Plenums, Drain Pans, Unit Adapters, Duct Board Boxes, Plenum Box Legs
14	Filter Housings, Can Stock, End Cap, Manual Volume Damper, Condensing Unit Cover, Line Covers and Expand-O-Duct
15	Plenums, Square to Round Transitions, Round Flex Connectors
16	Passive Return Sleeves, Duct Hangers, Mounting Brackets
17	Vent Tops, Flashings, Wallstack and Fittings
18	Mobile Home Duct Work Fittings and Duct Kits

Commercial Products

19	Commercial Duct Full Service Provider Information
20	Rectangular Duct and Fittings: S-Lock & Drive Type and Bolt Together Type B
21	Single Wall Spiral Duct Work
22	Double Wall Spiral Duct Work
23	Turning Vane & Vane Rail, Transverse Duct Connectors, Slot Diffuser Plenums
24	Access Doors and Ceiling Diffuser Adapters
25-29	Commercial Takeoff Fittings

RETURN POLICY

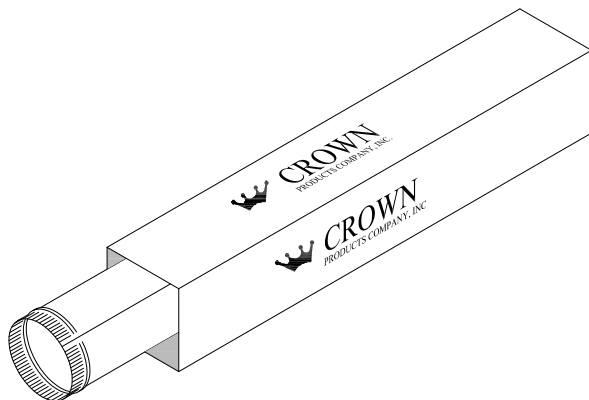
All returned material must be approved by Crown Products Company, Inc., prior to returning. A **"Product Return Request Form"** must be completed and returned with the material. Non-stock items may not be returned. A 15% restocking fee will be applied to all accepted returns.

WARRANTY

Crown Products Company, Inc. warrants that the air ducts and fittings it manufactures are produced in accordance with the standards and specifications shown in this catalog. No warranty of suitability for any particular purpose, nor any other presentation or warranty, whether expressed or implied, is made respecting these products.

SNAPLOCK PIPE

Galvanized Steel



101 SNAPLOCK PIPE

Sizes: 3" through 30" diameter

DIAMETER	LENGTH	PACKAGING
3" - 14"	2 Ft.	20' per bundle
3" - 9"	5 Ft.	50' per carton
10" - 14"	5 Ft.	30' per bundle
12" - 20"	3 Ft.	30' per bundle
22" - 30"	3 & 4 Ft.	No Standard Packaging

Gauges:

Pipe is available in U.S. Gauges
 30 ga. thru 24 ga. in Reeves Snaplock
 22 ga. in ACME Lock (Hammerlock)

SMACNA GAUGE REQUIREMENTS

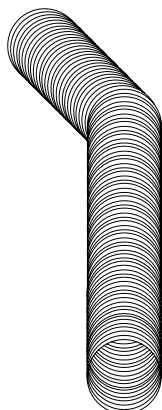
Galvanized Steel

Duct Diameter	Maximum 2" w.g. Positive Pressure. Longitudinal Snaplock Seam.	Duct Diameter	Maximum 2" w.g. Negative Pressure. Longitudinal Snaplock Seam.
3" thru 8"	28 ga.	6" thru 10"	28 ga.
9" thru 14"	26 ga.	12"	26 ga.
15" thru 26"	24 ga.	14" thru 16"	24 ga.
27" thru 36"	22 ga.	18" thru 20"	22 ga.
		22" thru 26"	20 ga.
		28" thru 30"	18 ga.

From SMACNA HVAC Duct Construction Standards Metal and Flexible - 2nd Edition, 1995

ALUMINUM FLEXIBLE PIPE

105 FLEX PIPE



Not recommended for range hood duct.
 Ideal for bathroom and other air duct requirements.
 Furnished in 8-Ft. sections.

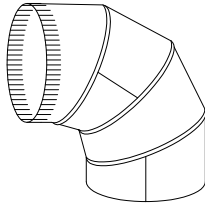
Duct Nominal Diameter (I.D.)	3" through 12"
Recommended Bend Radius	1.5 x Diameter to Center Line of Duct
Temperature Range	-60°F to +600°F
Maximum Operating Pressure	10" w.c. positive & 12" w.c. negative; 5,500 FPM
Listed U.L. 181	Class 0 Air Duct, meets requirements - NFPA Bulletin 90-A

107 FLEX PIPE

8-Ft. section - compressed to 38" long.
 Compressed aluminum pipe is not covered by the U.L. 181 test procedure.

ADJUSTABLE ELBOWS 90°

Galvanized Steel



111 ADJUSTABLE ELBOW

DIAMETER

3" - 8"
9" - 10"
12" - 14"
16" - 20"
22" - 30"

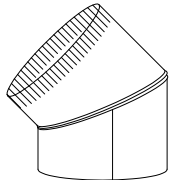
PACKAGING

12 per carton
8 per carton
4 per carton
4 per bundle, strapped
No Standard Packaging

Sizes: 3" - 30" diameter
(Elbows 22" - 30" diameter
are 5-piece elbows.)

ADJUSTABLE ANGLE 45°

Galvanized Steel

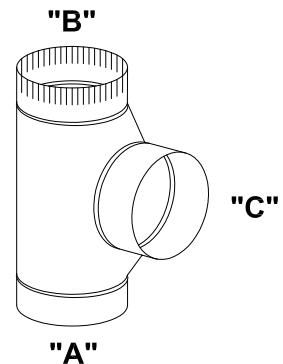


121 ADJUSTABLE ANGLE

Sizes: 4" - 30" diameter
Gauges: 30 ga. - 22 ga.

TEES

Galvanized Steel



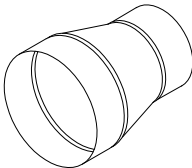
271 TEE

COLLAR SIZE	GAUGE
3" - 8"	30
9" - 12"	28
14" - 18"	26
20" - 24"	24

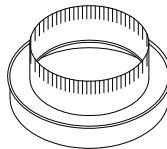
FOR REDUCING TEES
ORDER AS "A" x "B" x "C"

REDUCER-INCREASER

Galvanized Steel



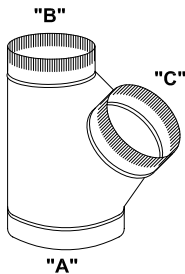
265 TAPERED REDUCER



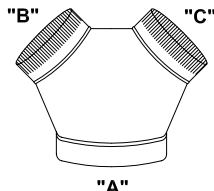
266 FLAT REDUCER

WYES

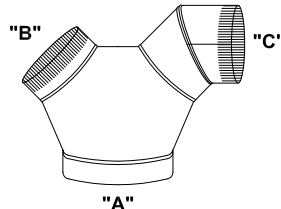
Galvanized Steel



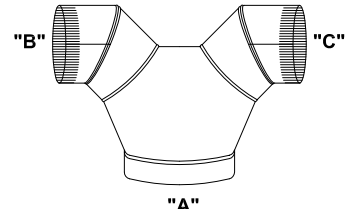
276 IN LINE WYE



277 BULL NOSE



**278 1-WAY
ADJUSTABLE WYE**



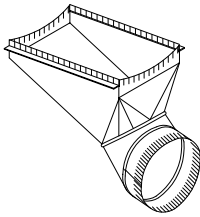
**279 2-WAY
ADJUSTABLE WYE**

COLLAR "A" SIZE	GAUGE
4" - 8"	30
9" - 14"	28
16" - 22"	26
24"	24

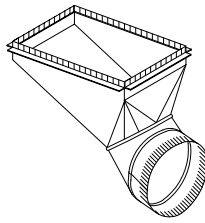
ORDER AS "A" x "B" x "C"

TAKEOFFS

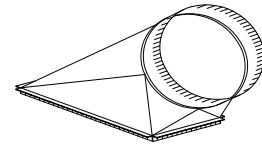
Galvanized Steel



305 ROUND TAKEOFF



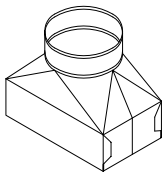
306 ADJUSTABLE TAKEOFF



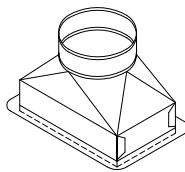
309 SIDE TAKEOFF

REGISTER BOOTS & BOXES

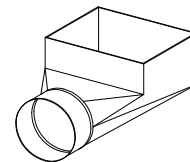
Galvanized Steel



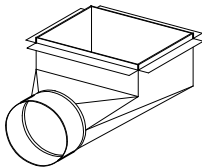
241 STRAIGHT BOOT



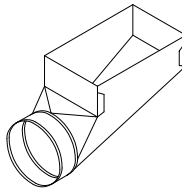
242 FRAMED BOOT



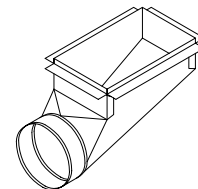
243 90° ANGLE BOOT



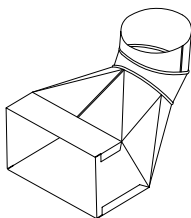
**243-F 90° ANGLE BOOT
with DRYWALL FLANGE**



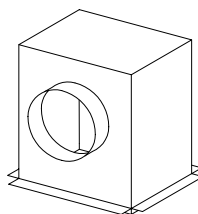
244 CENTER END BOOT



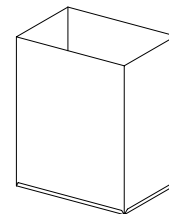
**244-F CENTER END BOOT
with DRYWALL FLANGE**



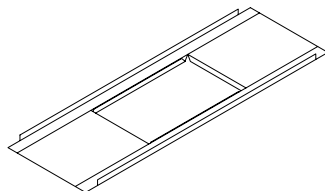
246 ADJUSTABLE BOOT



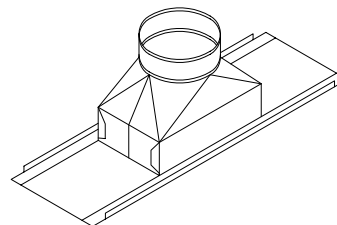
269 REGISTER BOX



**357 BLIND BOX
12" HIGH**



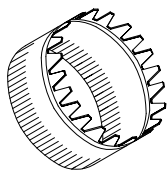
354 PLASTER FRAME



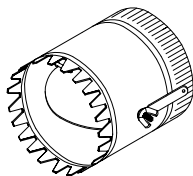
**356 PLASTER FRAME with
STRAIGHT BOOT INSTALLED**

STARTING COLLARS

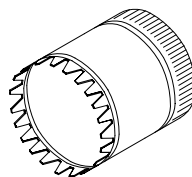
FOR SHEET METAL DUCT



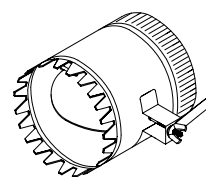
261 TAB COLLAR
3" LONG



261-D
with DAMPER



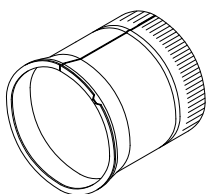
261-L
6" LONG



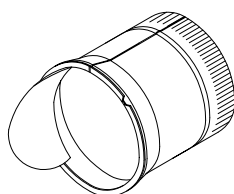
261-DS
DAMPER & 2" STANDOFF

SPIN-IN COLLARS

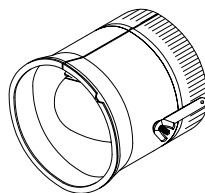
FOR SHEET METAL DUCT



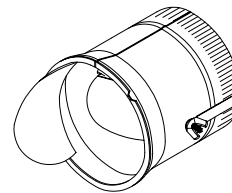
720
CRIMP & BEAD



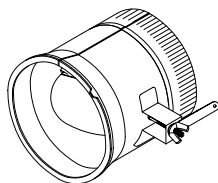
722
with SCOOP



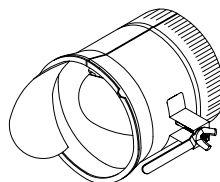
724
with DAMPER



726
with SCOOP
and DAMPER



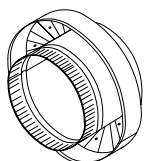
724-DSO
with DAMPER
and 2" STANDOFF



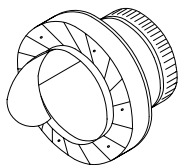
726-DSO
with SCOOP,
DAMPER and
2" STANDOFF

RING SEAL COLLARS

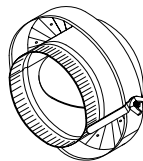
FOR SHEET METAL DUCT



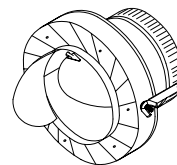
650 COLLAR



652 with SCOOP



654 with DAMPER



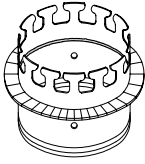
**656 with SCOOP
and DAMPER**

Ring Seal Collar - No Tabs

Install with sheet metal screws, #8 x 1/2", holes provided.

TAB COLLARS

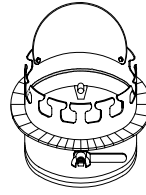
FOR 1" and 1½" DUCT BOARD



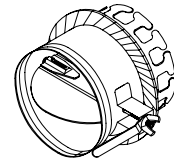
**616
TAB COLLAR**



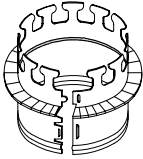
**616-D
with DAMPER**



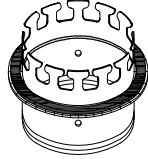
**616-DS
with SCOOP
and DAMPER**



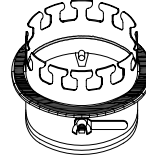
**616-DSO
with 2"
STANDOFF**



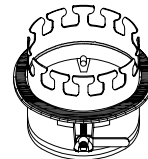
**616-KD
NESTED COLLAR**



**616-G
with GASKET**

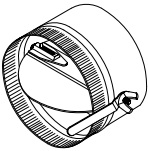


**616-DG
with DAMPER
and GASKET**

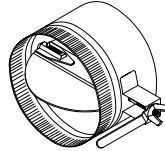


**616-GDSO
with GASKET and
2" STANDOFF**

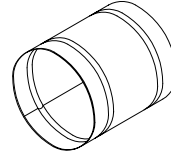
DAMPER SLEEVE, CONNECTOR & INSIDE RING



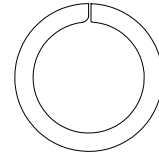
**175 DAMPER
SLEEVE**



**175-X DAMPER
SLEEVE WITH 2"
STANDOFF**



**680
FLEX DUCT
CONNECTOR**

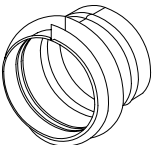


**619
INSIDE
BACK-UP RING**

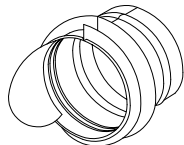
TWIST LOCK COLLARS

FOR 1" and 1½" DUCT BOARD

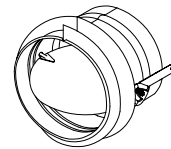
"FL" COLLARS FIT 1½" DUCT BOARD



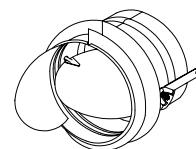
**620 / 620-FL
with BEAD**



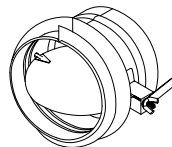
**622 / 622-FL
with SCOOP**



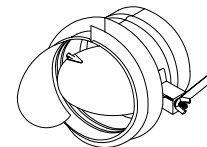
**624 / 624-FL
with DAMPER**



**626 / 626-FL
with DAMPER
and SCOOP**



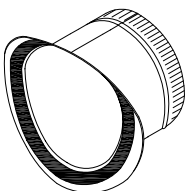
**624-DSO / 624-FL-DSO
with DAMPER
and 2" STANDOFF**



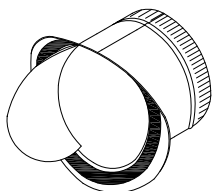
**626-DSO / 626-FL-DSO
with SCOOP,
DAMPER and
2" STANDOFF**

STARTING COLLARS

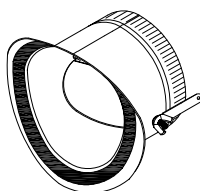
WITH THERMA SEAL GASKET
OFF ROUND PIPE



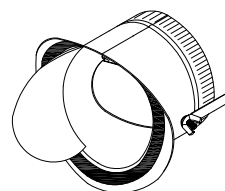
310 COLLAR



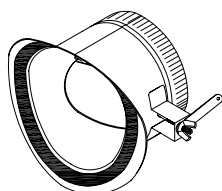
312 with SCOOP



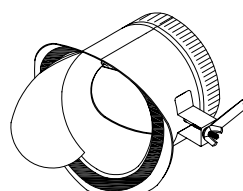
314 with DAMPER



**316 with SCOOP
and DAMPER**



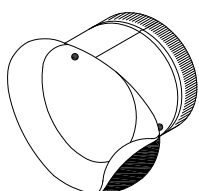
**314-DSO
with DAMPER
and 2" STANDOFF**



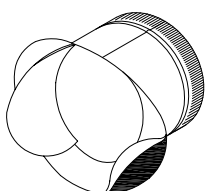
**316-DSO
with SCOOP,
DAMPER and
2" STANDOFF**

STARTING COLLARS

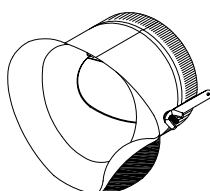
WITH PEEL OFF PAPER GASKET
OFF ROUND PIPE



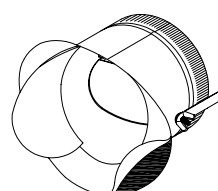
311 COLLAR



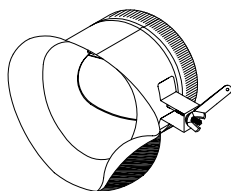
313 with SCOOP



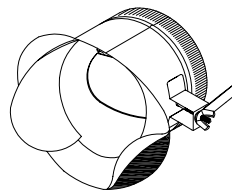
315 with DAMPER



**317 with SCOOP
and DAMPER**



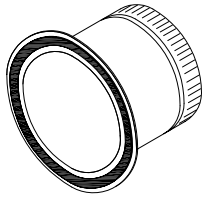
**315-DSO
with DAMPER
and 2" STANDOFF**



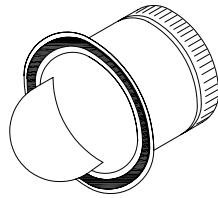
**317-DSO
with SCOOP,
DAMPER and
2" STANDOFF**

STARTING COLLARS

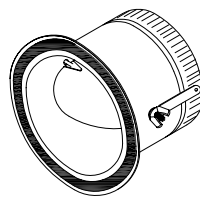
WITH THERMA SEAL GASKET
 OFF RECTANGULAR DUCT



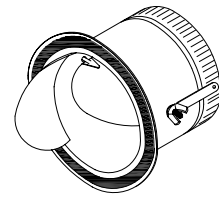
710 COLLAR



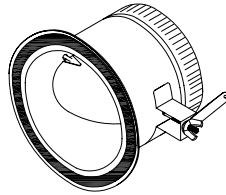
712 with SCOOP



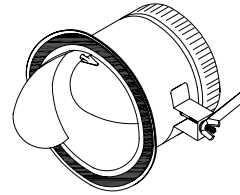
714 with DAMPER



**716 with SCOOP
 and DAMPER**



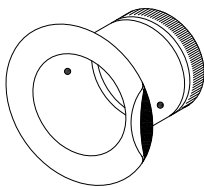
**714-DSO
 with DAMPER
 and 2" STANDOFF**



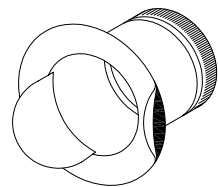
**716-DSO
 with SCOOP,
 DAMPER and
 2" STANDOFF**

STARTING COLLARS

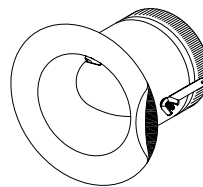
WITH PEEL OFF PAPER GASKET
 OFF RECTANGULAR DUCT



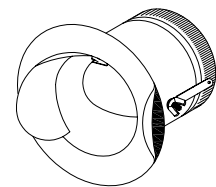
711 COLLAR



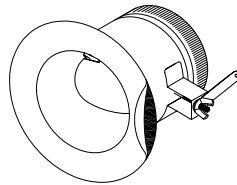
713 with SCOOP



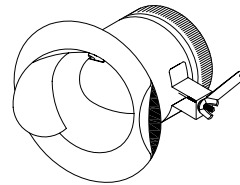
715 with DAMPER



**717 with SCOOP
 and DAMPER**



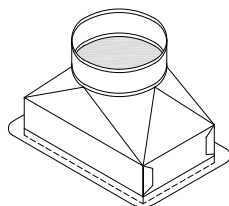
**715-DSO
 with DAMPER
 and 2" STANDOFF**



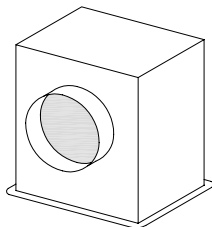
**717-DSO
 with SCOOP,
 DAMPER and
 2" STANDOFF**

INSULATED REGISTER BOOTS & BOXES R-4.2

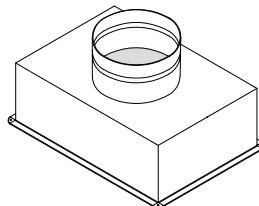
GALVANIZED STEEL with R-4.2 INTERNAL INSULATION



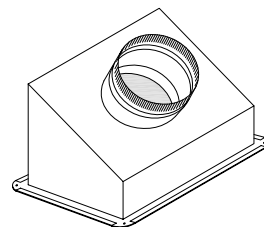
1242 FRAMED BOOT



1269 FRAMED BOX



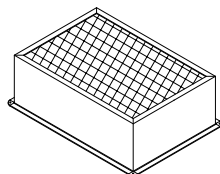
**1275 FRAMED BOX
4" HIGH**



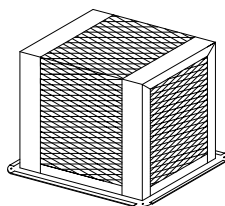
**1293 SLANT TOP
BOX**

DUCT BOARD BOXES R-4.2

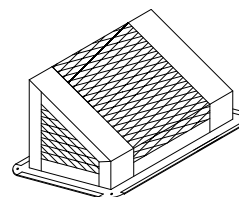
GALVANIZED STEEL REINFORCED DUCT BOARD BOXES



**1288 4" HIGH with FLANGE
1284 4" HIGH without FLANGE
(Not Shown)**



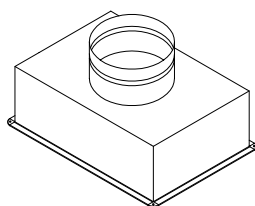
**1292 (11" HIGH)
Maximum Side Collar
8" Round**



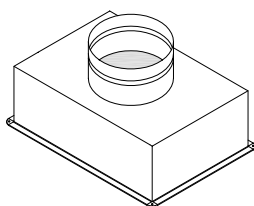
1298 SLANT TOP BOX

INSULATED REGISTER BOOTS & BOXES R-6.0

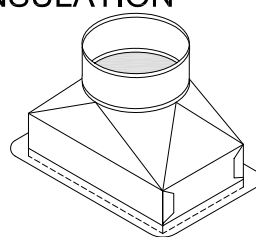
GALVANIZED STEEL with R-6.0 INTERNAL INSULATION



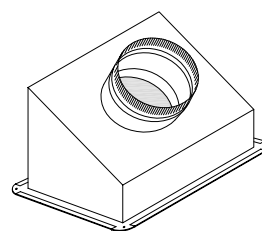
**1575 FRAMED BOX
SILVER INTERIOR**



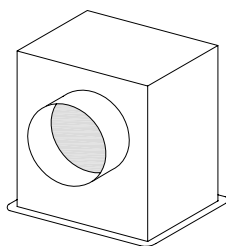
**1580 FRAMED BOX
BLACK INTERIOR**



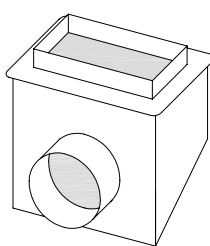
**1242-FL BOOT
BLACK INTERIOR**



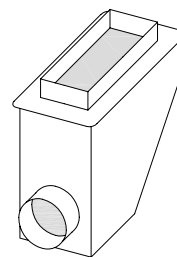
**1293-FL SLANTED TOP
BLACK INTERIOR**



**1269-FL FRAMED BOX
BLACK INTERIOR**



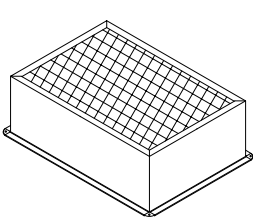
**1243-FL FLOOR BOOT
BLACK INTERIOR**



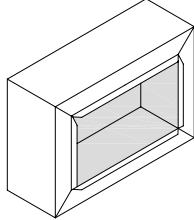
**1244-FL FLOOR BOOT
BLACK INTERIOR**

DUCT BOARD BOXES R-6.0

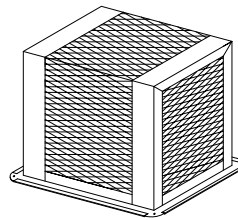
GALVANIZED STEEL REINFORCED DUCT BOARD BOXES
 ALL WITH BLACK INTERIORS



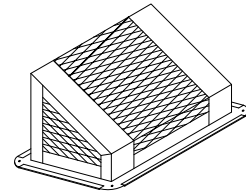
1288-FL



88



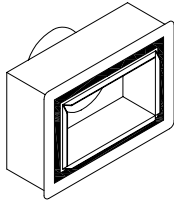
1292-FL



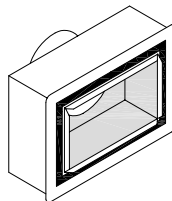
1298-FL

INSULATED REGISTER BOXES R-6.0

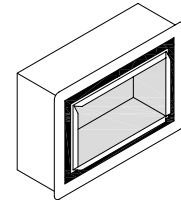
WITH THERMA SEAL GASKET



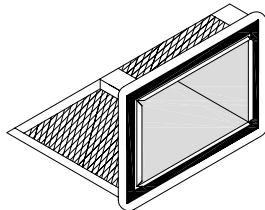
**1575-G FRAMED BOX
 SILVER INTERIOR**



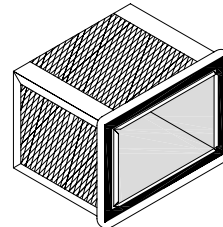
**1580-G FRAMED BOX
 BLACK INTERIOR**



**1288-FLG DUCT BOARD BOX
 BLACK INTERIOR**



**1298-FLG SLANT TOP BOX
 BLACK INTERIOR**

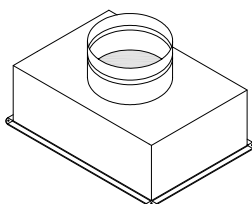


**1292-FLG DUCT BOARD BOX
 BLACK INTERIOR**

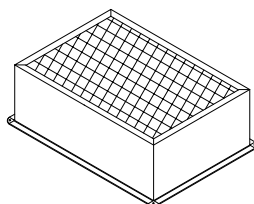
Therma Seal Gasket applied to outboard flange for sealing box to building envelope.

INSULATED REGISTER BOXES R-8.0

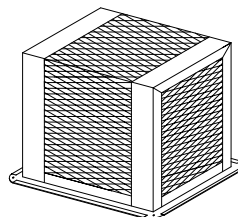
WITH BLACK INTERIORS



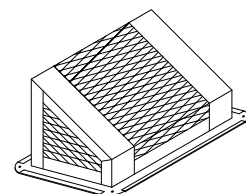
1780



1788

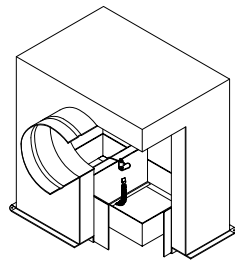


1792

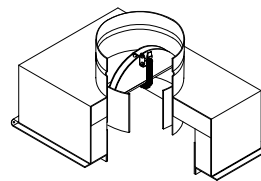


1798

CEILING RADIATION DAMPER BOXES

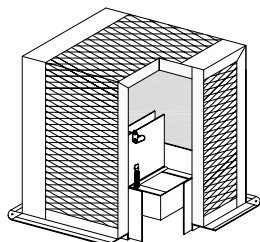


1565-CRD
CEILING RADIATION DAMPER BOX
SIDE ENTRY COLLAR

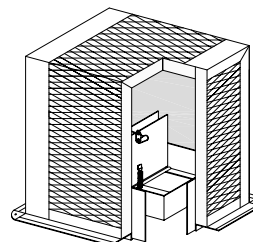


1575-CRD
CEILING RADIATION DAMPER BOX
TOP ENTRY COLLAR

- ✠ Galvanized steel with R-6.0 internal insulation.
- ✠ Ready to be installed and connected to supply duct.
- ✠ Hanger brackets optional.
- ✠ One hour rated CRD/Register/Grille assembly with CRD/Plenum Box assembly for use in floor-ceiling & roof-ceiling wood truss assemblies U.L. Design L-563, L-585, P-544, P547.
- ✠ Install with Crown No. 1252 Mounting Bracket (Page 16) or Crown No. 1260 18 gauge Mounting Angle (see below).
- ✠ No. 1565-CRD: Min. size = 4" x 4" - 4"Ø Max. size = 16" x 16" (256 sq. in.) - 10"Ø
- ✠ No. 1575-CRD: Min. size = 4" x 4" - 4"Ø Max. size = 16" x 16" (256 sq. in.) - 12"Ø

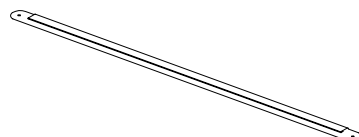


1292-CRD
CEILING RADIATION DAMPER BOX
R-4.2 DUCT BOARD

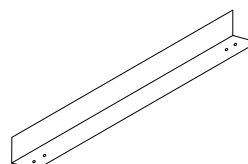


1592-CRD
CEILING RADIATION DAMPER BOX
R-6.0 DUCT BOARD

- ✠ Galvanized Steel Frame with Duct Board Top & Sides, Black Interior.
- ✠ Duct Board Top & Sides Allow for Various Collar Inlet Sizes, Field Installed.
- ✠ One hour rated Ceiling Radiation Damper and Fiberglass Plenum Box assembly for use in floor-ceiling & roof-ceiling wood truss assemblies U.L. Design L-563, L-585, P-544, P-547.
- ✠ Install with Crown No. 1252 Mounting Bracket (Page 16) or Crown No. 1260 18 gauge Mounting Angle (see below).
- ✠ Maximum Register Size = 16" x 16" (Maximum Area 256 sq. in.), Maximum Height = 16", Maximum Collar Size = 10"Ø.

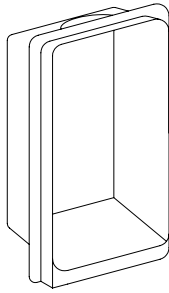


1250 MOUNTING BRACKET
24 GAUGE



1260 MOUNTING ANGLE
18 GAUGE, 1½" x 1½" x 26" LONG

DRYERBOX & EXHAUST VENTS



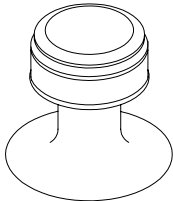
700-350

For use in 2 x 4 stud wall

700-425

For use in 2 x 6 stud wall

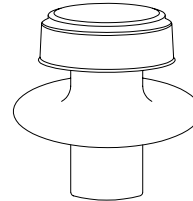
- 👑 One-piece die stamped 22 gauge aluminized steel (rigid, rust free and paintable).
- 👑 Accepts 4" diameter snaplock pipe for venting to the wall, roof or floor.
- 👑 Eliminates restrictive bends in the flex hose.
- 👑 Dryers can be installed right against the wall.
- 👑 700-350: 6 per carton. 700-425: 5 per carton.



360 VENT w/ SCREEN
360-D VENT w/ DAMPER



365 VENT CAP
w/ SCREEN

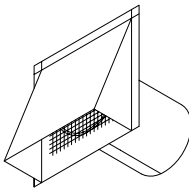


360-X w/ SCREEN & EXTENSION
360-DX w/ EXTENSION & DAMPER

ALUMINUM SEAMLESS CAP and FLASHING

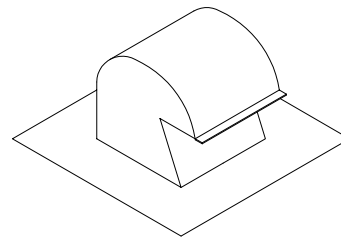
Available in sizes 4", 6", 7", 8", 10" and 12" duct diameters.

Dampers available in sizes 4", 6", 7" and 8" only.



349 SIDEWALL VENT

Available with Screen or
 Flapper Damper



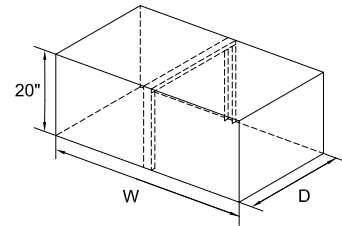
350 ROOF CAP

- 👑 **350** supplied with round collar in bottom plate and screen in top opening.
- 👑 **350-D** supplied with round collar in bottom plate and gravity damper (no screen).
- 👑 **350-R** supplied with rectangular hole in bottom plate and screen in top opening.
- 👑 **350-RD** supplied with rectangular hole in bottom plate and gravity damper (no screen).

INSTALLATION ACCESSORIES

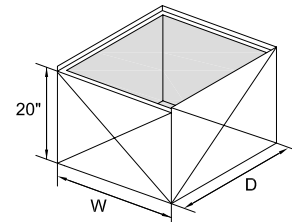
301- CB UNIT STAND

- 👑 24 gauge Galvanized Steel. R-6 Internal Insulation.
- 👑 20" tall, 22 gauge 1" x 2" x 1" channel for C/L bracing/support.



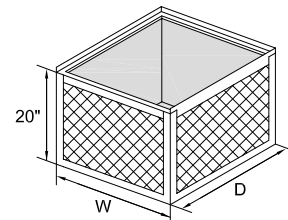
301- SM UNIT STAND

- 👑 26 gauge Galvanized Steel.
- 👑 R-6 internal insulation.
- 👑 Recessed flange at top allows for securing Air Handler to stand.



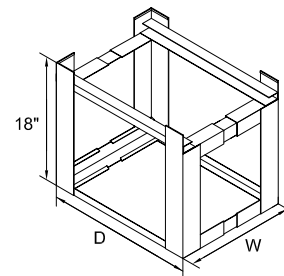
301- DB UNIT STAND

- 👑 24 gauge Galvanized Steel frame and bottom.
- 👑 R-6 duct board sides and bottom.
- 👑 Recessed flange at top allows for securing Air Handler to stand.



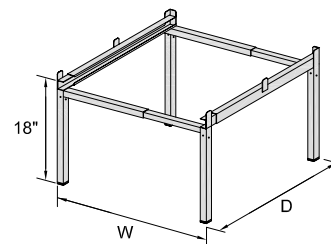
500 ADJUSTABLE RETURN AIR STAND

- 👑 Stand fits most 1½ through 3 ton Air Handlers.
- 👑 18 gauge Galvanized Steel with spot welded seams.
- 👑 Built in Filter Rack.
- 👑 18" High, 22" Deep, 14" - 25" Adjustable Width Dimension.



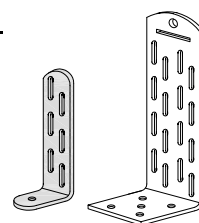
600 ADJUSTABLE AIR HANDLER STAND

- 👑 2-Way Adjustable. 18" High. 1" Filter Channel.
- 👑 14" - 27" Adjustable Width Dimension.
- 👑 17" - 29" Adjustable Depth Dimension.
- 👑 Shipped Knocked Down Flat in Carton with Assembly Hardware.
- 👑 Welded Tube Construction, Powder Coat Paint.



CONDENSING UNIT TIE DOWN BRACKET

- 👑 14 Gauge Galvanized Steel, Hot Dipped AFTER Punching.
- 👑 Slotted Holes for Easy Installation.
- 👑 Packaged 4 Brackets per Pack, 50 Packs per Box.
- 👑 Engineering Data Provided in each Pack.
- 👑 Standard Brackets are 1" Wide & Powder Coated, 556-2 is 2" Wide x 6" Long & Galvanized.

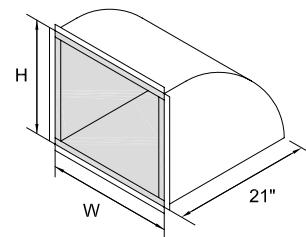


554 4" Long
556 6" Long
556-2 6" Long
558 8" Long

INSTALLATION ACCESSORIES

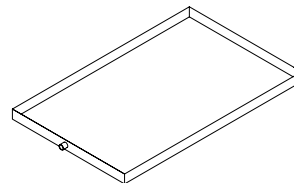
301- R RADIUS PLENUM

- ✎ 26 gauge Galvanized Steel, 21" Tall.
- ✎ Internally insulated with R-6 liner.
- ✎ Sized to fit air handler.



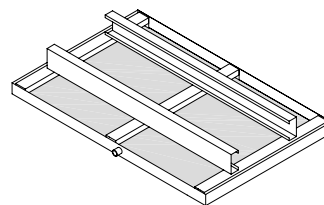
750 DRAIN PAN

- ✎ Available in 26 gauge and 24 gauge Galvanized Steel.
- ✎ One $\frac{3}{4}$ " female PVC nipple installed in the center of short side unless specified otherwise.



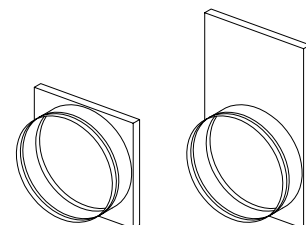
757 DRAIN PAN with SUPPORTS

- ✎ 24 gauge Galvanized Steel.
- ✎ 20 gauge support rails for placement of horizontal Air Handler.
- ✎ Options: With or without $\frac{3}{4}$ " female nipple - standard location is C/L long side. Eyebolts or "S" hooks for suspending unit are available.



667 PACKAGE UNIT ADAPTERS, SUPPLY & RETURN

- ✎ 26 gauge Galvanized Steel.
- ✎ 1" deep panel sized to fit supply and return air openings. Collar diameter $\frac{1}{8}$ " undersized. 1" internal insulation.
- ✎ Packaged as kit - supply and return adapters.



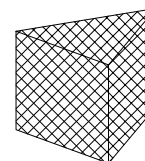
PL- 4 PLENUM BOX LEG

- ✎ 22 gauge Galvanized Steel. 3" x 3" tapered leg 4" long.
- ✎ Ideal for 301-CB, 301-SM and 301-DB plenum boxes.



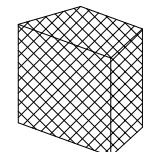
R-6 DUCT BOARD TRIANGLE BOXES

- ✎ Assembled with staples and UL SMACNA Tape.
- ✎ Four sizes available.

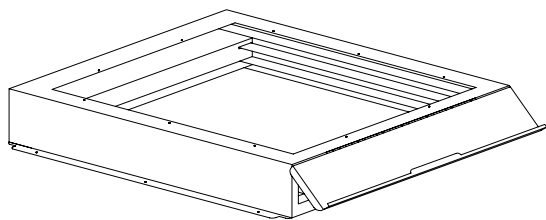


R-6 DUCT BOARD REDUCER BOXES

- ✎ Assembled with staples and UL SMACNA tape.
- ✎ Four sizes available.

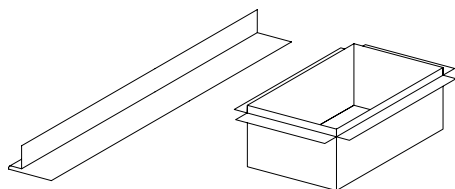


INSTALLATION ACCESSORIES

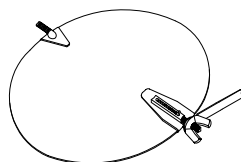


**FILTER HOUSING FOR AIR HANDLERS
& GAS FURNACES**

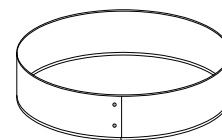
-  Fits Air Handlers & Furnaces through 5 tons.
-  All Components Die Stamped.
-  All Flanges have Rounded Corners.
-  22 Gauge Galvanized Steel.
-  Accepts 1" or 2" filters.
-  Fully Hinged Door - No Panel or Door to Remove.



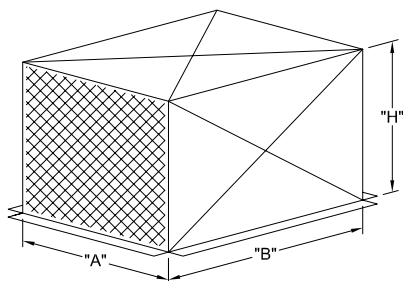
612 CAN STOCK
30 Gauge Galvanized Steel
10 ft. lengths or cut-to-size



**275 MANUAL
VOLUME DAMPER**

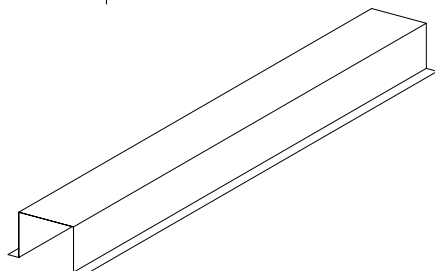


273 END CAP



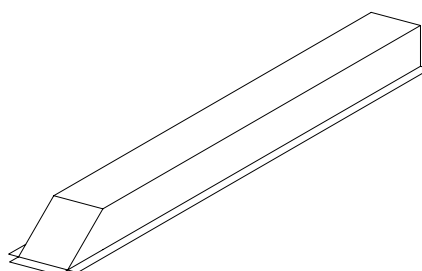
550 CONDENSING UNIT COVER

-  24 Gauge Galvanized Steel (sides and top).
-  Expanded Metal in both "A" x "H" openings.



560 LINE COVER

Available in 8-ft. and 10-ft. lengths, 28 gauge and 26 gauge galvanized steel.

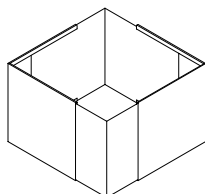


565 LINE COVER with CAP

461 EXPAND-O-DUCT
8" x 8" - 14" x 14"

465 EXPAND-O-DUCT
12" x 12" - 22" x 22"

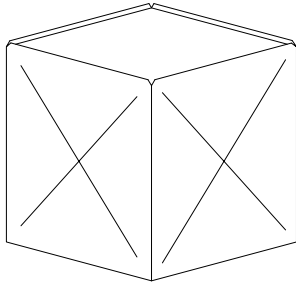
469 EXPAND-O-DUCT
16" x 16" - 30" x 30"



-  Ideal as inside liner for fiberglass duct to support fire damper.
-  22 gauge galvanized steel, 11" long.
-  Edges interlock - no cutting necessary.

INSTALLATION ACCESSORIES

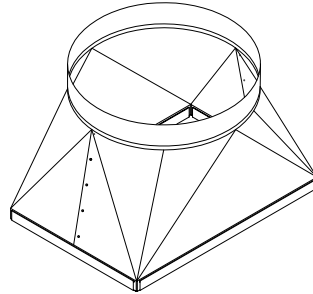
301 PLENUM - GALVANIZED STEEL



- 👑 Internal Insulations Available: ½" x 2# Density Liner
1" x 1.5# Density Liner
2" x 1.5# Density Liner
- 👑 Plenums are available in 28 gauge thru 22 gauge.
- 👑 Button punch snaplock seam construction (4 sides) and recessed end cap standard.
- 👑 Plenums are shipped knocked-down (5 pieces) and strapped.

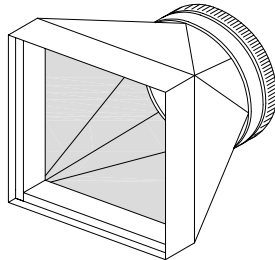
480 RECTANGLE TO ROUND TRANSITION

- 👑 Galvanized Steel
- 👑 Available with crimp and bead collar for flexible duct attachment.
- 👑 Transitions to 12" diameter and smaller fabricated from 28 gauge galvanized steel.
- 👑 Transitions to 14" diameter and larger fabricated from 26 gauge galvanized steel.
- 👑 Center-line taper is standard for Transitions. If "flat on one side" style taper is required, note the side to be flat as the first size given. For example, order size 20" x 16" - 12" rd. F.O.B. and the Transition will be flat on the 20" side.



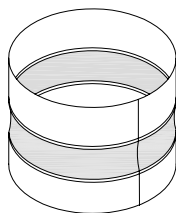
1480 RECTANGLE TO ROUND TRANSITION

- 👑 Galvanized steel
- 👑 Internally insulated with duct liner, R-4.2
- 👑 Transitions to 12" diameter and smaller fabricated from 28 gauge galvanized steel.
- 👑 Transitions to 14" diameter and larger fabricated from 26 gauge galvanized steel.
- 👑 Collar crimped and beaded for flexible duct connection.
- 👑 4" straight-away on rectangular end.
- 👑 Galvanized steel sleeve inside - required by code.



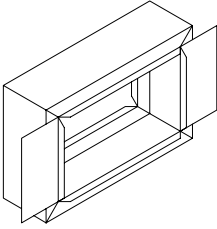
1480-FL RECTANGLE TO ROUND TRANSITION

- 👑 Galvanized steel
- 👑 Internally insulated with duct liner, R-6.0
- 👑 Transitions to 12" diameter and smaller fabricated from 28 gauge galvanized steel.
- 👑 Transitions to 14" diameter and larger fabricated from 26 gauge galvanized steel.
- 👑 Collar crimped and beaded for flexible duct connection.
- 👑 4" straight-away on rectangular end.
- 👑 Galvanized steel sleeve inside - required by code.

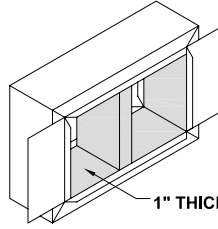


412-R FLEX CONNECTOR FOR ROUND END OF 480, 1480 AND 1480-FL

PASSIVE RETURN AIR SLEEVES

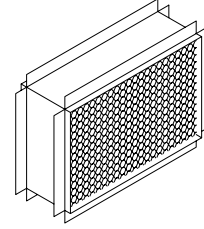


"PR" PASSIVE RETURN AIR SLEEVE



"SK" SILENT KNIGHT PASSIVE RETURN AIR SLEEVE

1" THICK ACOUSTICAL LINER



"RAP" RETURN AIR PATHWAY KIT

DUCT HANGERS

795 DUCT HANGER STRAP

Galvanized Steel
1" and 2" wide, 10-ft. long
Available in 28 ga., 26 ga., 24 ga.

798 DUCT HANGER STRAP

Galvanized Steel
1.5" wide x 100-ft. roll
Available in 26 ga.

792 TYING WIRE

18 gauge Galvanized
830-ft. Handi-Reel

777 DUCT HANGER STRAP

.019" thick Aluminum
1" x 200-ft. roll

697 DUCT BOARD HANGER CHANNEL

Galvanized Steel
10-ft. long
Available in 26 ga. and 22 ga.

797 DUCT HANGER STRAP

Galvanized Steel
1" wide x 100-ft. roll
Available in 26 ga. and 22 ga.

799 DUCT HANGER STRAP

Galvanized Steel
2" wide x 100-ft. roll
Available in 28 ga., 26 ga., 24 ga.

793 ANGLE

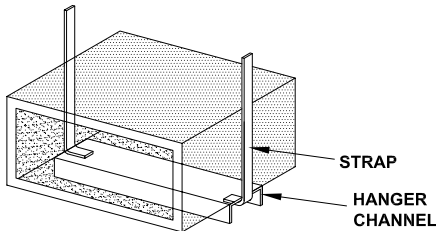
Galvanized Steel
Available in 30 ga. and 26 ga.

778 DUCT HANGER STRAP

.019" thick Aluminum
1" x 100-ft. roll

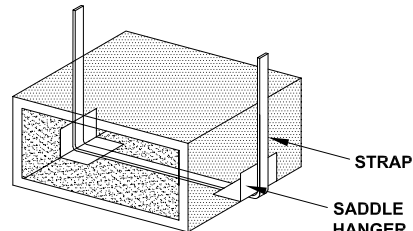
695 SADDLE HANGER for DUCT BOARD

22 ga. Galvanized Steel
4" wide, 2" x 2" angle



STRAP

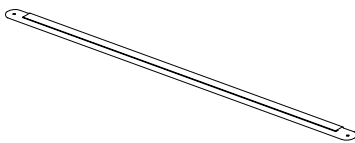
HANGER CHANNEL



STRAP

SADDLE HANGER

MOUNTING BRACKETS



1250 MOUNTING BRACKET

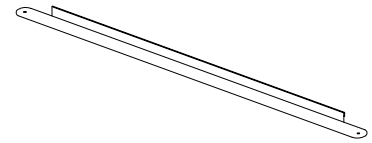
Clip-on bracket for use with flanged Boots and Boxes
25" long, 24 ga. Galvanized

1252 MOUNTING BRACKET

Clip-on bracket for use with flanged Boots and Boxes
25" long, 26 ga. Galvanized

1250-16 MOUNTING BRACKET

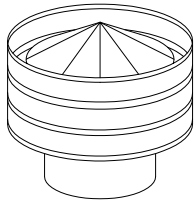
Clip-on bracket for use with flanged Boots and Boxes
17" long, 24 ga. Galvanized



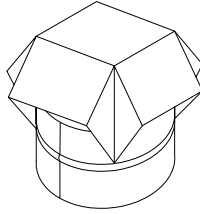
1254 MOUNTING BRACKET

Screw-on bracket for use with unflanged Boots and Boxes
25" long, 26 ga. Galvanized

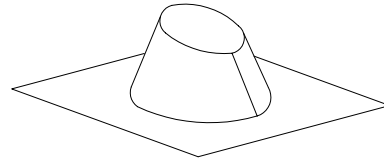
VENT TOPS & FLASHINGS



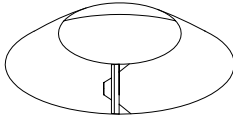
**332 VENT TOP
with WIND BAND**



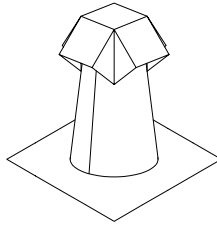
334 VENT TOP



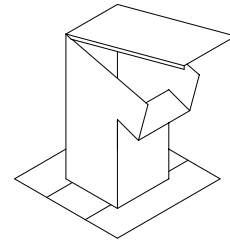
336 ROOF FLASHING



339 STORM COLLAR



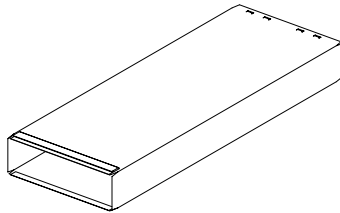
**341 ROOF JACK
for FLAT ROOF**



**353 ROOF JACK
for REFRIGERANT LINES**

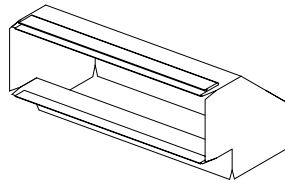
**341-P ROOF JACK
for PITCHED ROOF**

WALLSTACK & FITTINGS

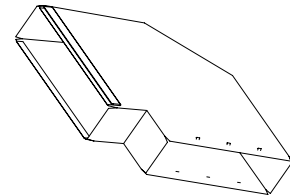


201 WALLSTACK DUCT

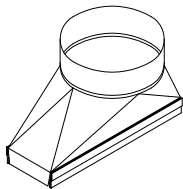
Wallstack duct is furnished in half sections, nested and strapped. 5 joints per bundle. Supplied with button lock side seams. 28 ga. Galv. Steel. Standard joint length is 3 ft.



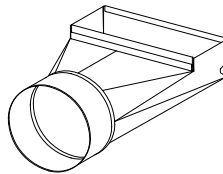
**240 90° ELBOW
SHORT WAY
(245 45° ELBOW
SHORT WAY)**



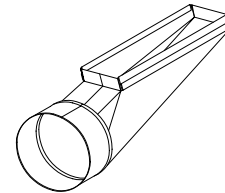
**230 90° ELBOW
LONG WAY
(235 45° ELBOW
LONG WAY)**



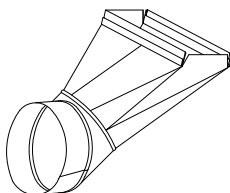
231 STRAIGHT BOOT



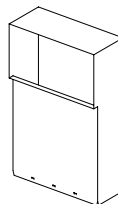
233 90° ANGLE BOOT



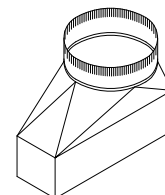
234 CENTER END BOOT



**236 ADJUSTABLE
OFFSET BOOT**



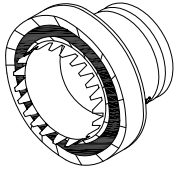
**223 STACKHEAD (11" THROAT)
222 STACHHEAD (8" THROAT)**



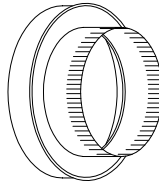
**232 RANGE HOOD
TRANSITION
3" RECTANGULAR STRAIGHTAWAY**

MOBILE HOME DUCT ACCESSORIES

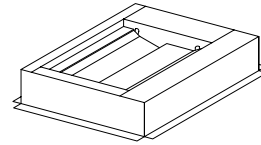
SUPPLY AIR



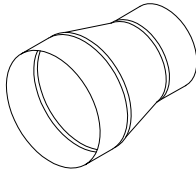
920 SUPPLY CONNECTOR
with GASKET and DAMPER



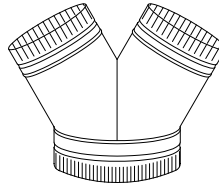
925 BUSHING



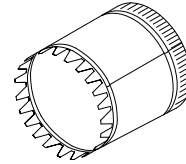
935 DAMPER SECTION
(To fit beneath furnace.
Top is removable to be used flat.)



265 TAPERED REDUCER

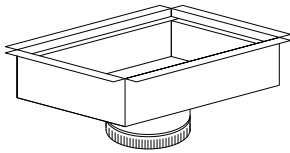


965 WYE

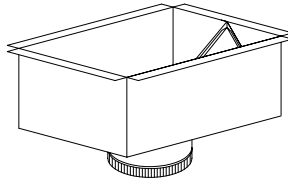


261-L STARTING COLLAR
6" LONG

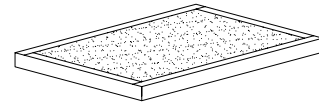
RETURN AIR



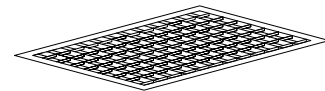
900 RETURN AIR BOX
6" DEEP with RACK for 1 FILTER



905 RETURN AIR BOX
10" DEEP with "A" RACK for 2 FILTERS



945 FILTER



950 FLOOR GRILLE

MOBILE HOME DUCT KITS

971 SINGLE WIDE DUCT KIT, consisting of:

905	1 ea.	R/A Box 12" x 20" - 14" oval
950	1 ea.	12" x 20" Floor Grille
945	2 ea.	10" x 20" x 1" Filter
920	1 ea.	12" Supply Connector

974 SINGLE WIDE DUCT KIT, consisting of:

905	1 ea.	R/A Box 12" x 20" - 14" oval
950	1 ea.	12" x 20" Floor Grille
945	2 ea.	10" x 20" x 1" Filter
261-L	1 ea.	12" Starting Collar

972 SINGLE WIDE DUCT KIT, consisting of:

905	1 ea.	R/A Box 12" x 20" - 12" round
950	1 ea.	12" x 20" Floor Grille
945	2 ea.	10" x 20" x 1" Filter
920	1 ea.	12" Supply Connector

976 DOUBLE WIDE DUCT KIT, consisting of:

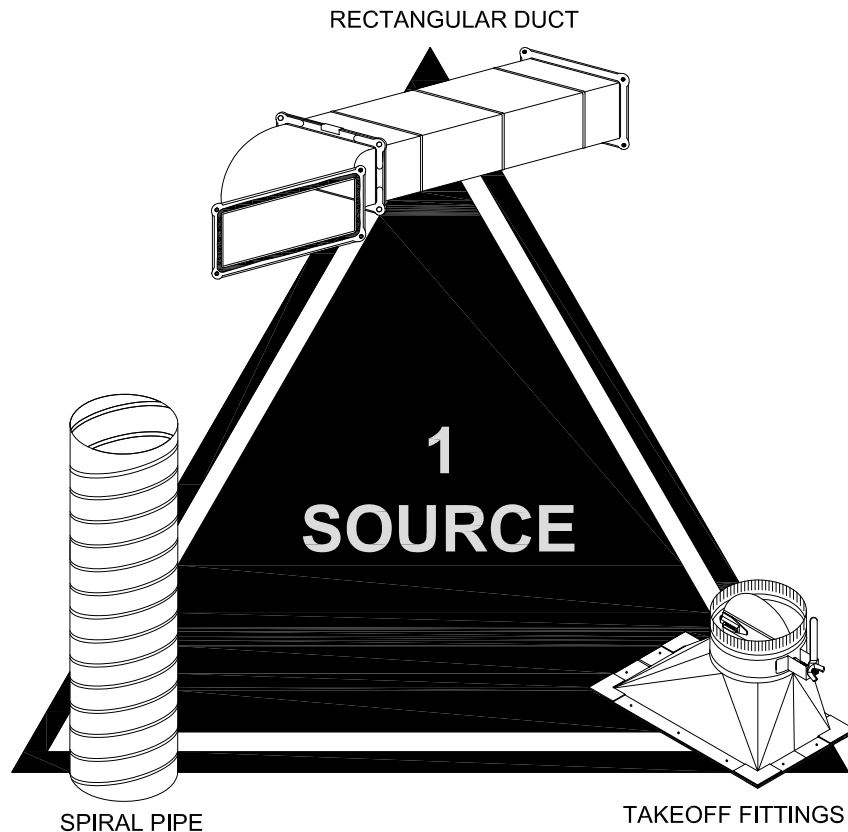
905	1 ea.	R/A Box 12" x 20" - 14" oval
950	1 ea.	12" x 20" Floor Grille
945	2 ea.	10" x 20" x 1" Filter
920	2 ea.	10" Supply Connector
965	1 ea.	12" x 10" x 10" Wye

COMMERCIAL DUCT PRODUCTS

LET CROWN BE YOUR FULL-SERVICE COMMERCIAL DUCT PROVIDER

IT'S EASY TO GET GOING

-  You share your blueprints, material list or shop drawings with your Crown distributor.
-  No-cost quotes via Crown's Automated Estimating Program.
-  Job initiated and scheduled per your delivery goal.
-  Job site trailers available for large or multiple shipment jobs.

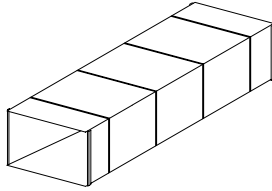


QUALITY CONSTRUCTION & CUSTOM SPECIFICATIONS WITH EVERY SHIPMENT

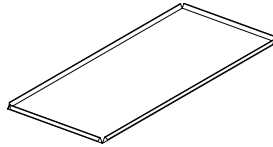
-  Commercial duct work is available in galvanized, paint-grip, and stainless steel.
-  Rectangular duct is available insulated with internal duct liner.
-  Rectangular and round duct is available in custom lengths to accommodate various job conditions.
-  All duct work is labeled for easy identification.

RECTANGULAR DUCT WORK

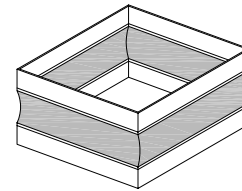
S-LOCK & DRIVE TRANSVERSE CONNECTION



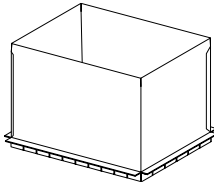
401 RECTANGULAR DUCT



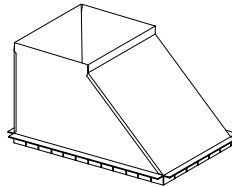
411 END CAP



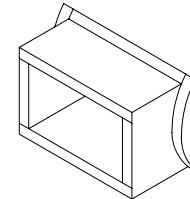
412 FLEX CONNECTOR



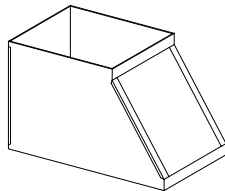
406 STARTING COLLAR



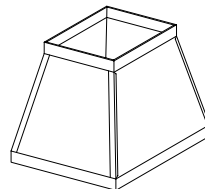
408 BOOT TAP



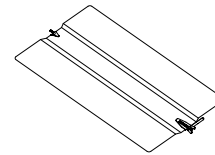
406-R GRILLE TAP



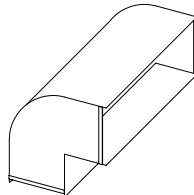
416 REDUCER



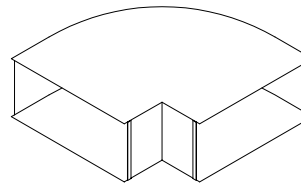
420 TRANSITION



422 MANUAL VOLUME DAMPER



440 SHORT WAY 90° ELBOW
445 SHORT WAY 45° ELBOW
(NOT SHOWN)



430 LONG WAY 90° ELBOW
435 LONG WAY 45° ELBOW
(NOT SHOWN)

RECTANGULAR DUCT TYPE B

FLANGED BOLT TOGETHER TRANSVERSE CONNECTION

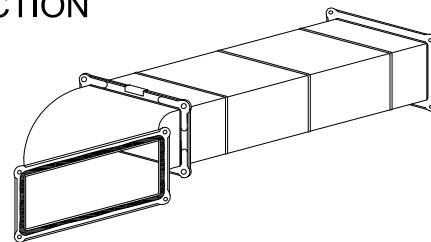
800 SERIES TYPE B DUCT

Type B Duct is furnished in half sections ready to assemble.

Type B Duct fittings, reducers, transitions, and elbows are furnished assembled ready to install.

Type B Duct sections are furnished in two standard lengths, 56 $\frac{1}{4}$ " and 44 $\frac{1}{4}$ ". Shorter lengths supplied as required.

Type B Duct sections are easily joined by four bolts/nuts (supplied). With the use of butyl gasket (supplied) no fabric and mastic are needed to assure air tight transverse joints.



RECTANGULAR DUCT AVAILABLE WITH INTERNAL INSULATION.

CONTACT OUR COMMERCIAL DUCT DIVISION (800-818-7144) FOR PRICING AND AVAILABILITY.

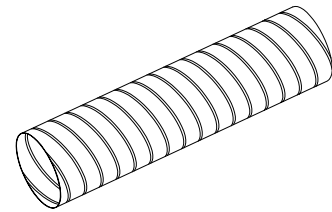
SINGLE WALL SPIRAL DUCT WORK

SINGLE WALL SPIRAL PIPE & FITTINGS

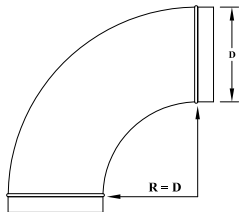
-  Standard: Galvanized steel sheet per ASTM A653, CS Type B.
-  Optional: Galvannealed steel sheet (paintable) per ASTM A653. Coating designation A40.
-  Optional: Stainless Steel Type 304-2B.
-  Pipe diameters are nominal. Fittings are fabricated $\frac{1}{8}$ " undersized.

Steel Gauges:

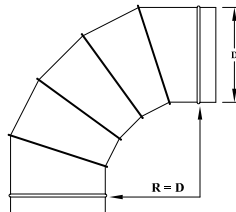
Diameter	Pipe	Fittings
4" - 14"	26 ga.	24 ga.
16" - 26"	24 ga.	22 ga.
28" - 38"	22 ga.	20 ga.



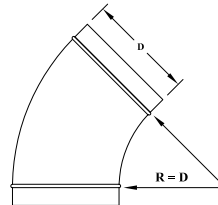
SP6101 SPIRAL PIPE
 4" - 38" Diameter
 10 ft. Jts. Standard



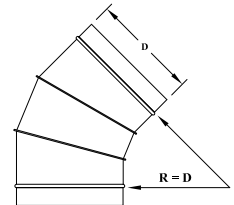
SP6111 90° ELBOW
 4" - 12" Die Stamped



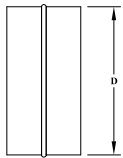
SP6111 90° ELBOW
 14" - 38" 5 Piece
 Gorelock



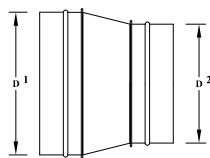
SP6121 45° ELBOW
 4" - 12" Die Stamped



SP6121 45° ELBOW
 14" - 38" 3 Piece
 Gorelock



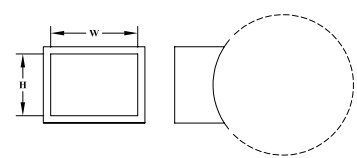
SP6680 COUPLING
 6" Long



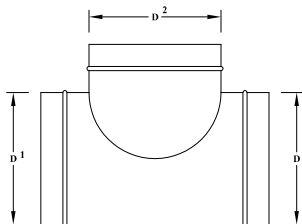
SP6265 REDUCER



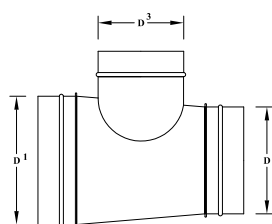
SP6273 END CAP



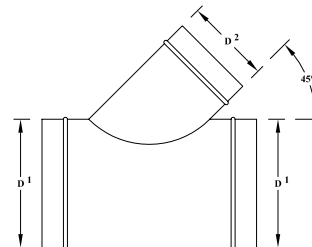
SP6406 GRILLE TAP



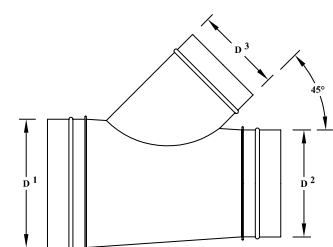
SP6271 90° TEE



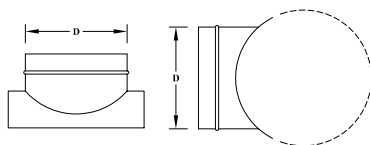
**SP6271R REDUCING
 TEE**



SP6276 45° LATERAL



**SP6276R REDUCING
 LATERAL**



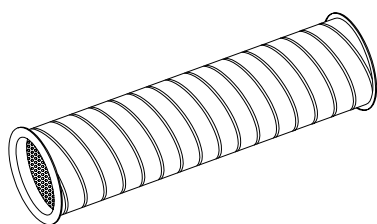
SP6307 90° SADDLE TAP

CONTACT OUR COMMERCIAL DUCT DIVISION (800-818-7144)
 FOR SPECIFICATIONS, PRICING AND AVAILABILITY.

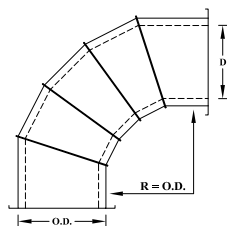
DOUBLE WALL SPIRAL DUCT WORK

DOUBLE WALL SPIRAL PIPE & FITTINGS

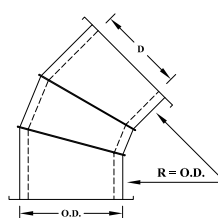
-  Outer wall galvanized steel sheet per ASTM A653, CS Type B.
 -  Outer wall (optional) galvanized steel sheet (paintable) per ASTM A653. Coating designation A40.
 -  Outer wall (optional) stainless steel Type 304 2B
 -  Pipe inner wall galvanized perforated steel.
 -  Outboard flange transverse connection.
 -  Steel Gauges: (outer wall)
- | Diameter | Pipe | Fittings |
|-----------|--------|----------|
| 6" - 14" | 26 ga. | 24 ga. |
| 16" - 26" | 24 ga. | 22 ga. |
| 28" - 36" | 22 ga. | 20 ga. |



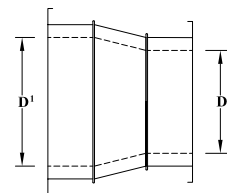
DW6101 SPIRAL PIPE
6" - 36" Diameter (I.D.)
10 ft. Jts. Standard



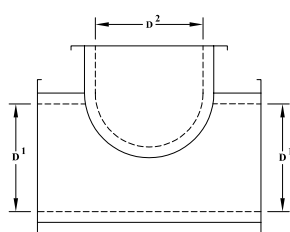
DW6111 90° ELBOW
5 Piece Gorelock



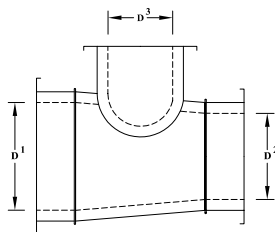
DW6121 45° ELBOW
3 Piece Gorelock



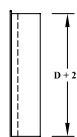
DW6265 REDUCER



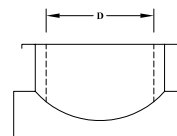
DW6271 90° TEE



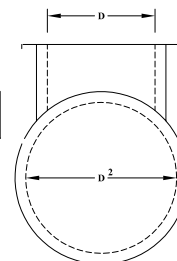
**DW6271R REDUCING
90° TEE**



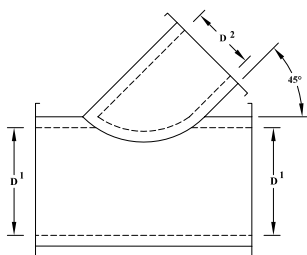
DW6273 END CAP



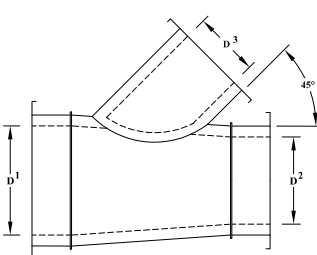
DW6307 SADDLE TAP



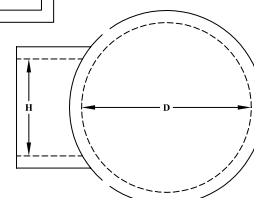
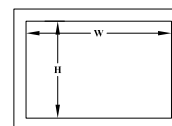
DW6406 GRILLE TAP



DW6276 45° LATERAL

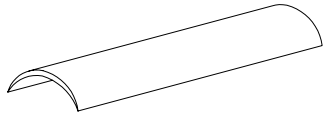


**DW6276R REDUCING
45° LATERAL**

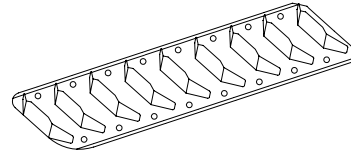


CONTACT OUR COMMERCIAL DUCT DIVISION (800-818-7144)
FOR SPECIFICATIONS, PRICING AND AVAILABILITY.

TURNING VANE & RAIL



490 4" TURNING VANE
 24 Gauge Double Wall
 5 ½" Overall Width
 10 ft. Sections



492 4" VANE RAIL
 24 Gauge
 10 ft. Sections

496 2" TURNING VANE
 26 Gauge Double Wall
 10 ft. Sections

498 2" VANE RAIL
 24 Gauge
 10 ft. Sections

No. 496 2" Turning Vane is available on **special order basis**. Allow additional lead time.

TRANSVERSE DUCT CONNECTORS

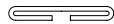
AVAILABLE IN 5-ft. OR 10-ft. LENGTHS

PACKAGED 100-ft. PER BUNDLE



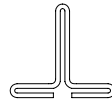
FLAT S-LOCK

1028 28 GA.
 1026 26 GA.
 1024 24 GA.



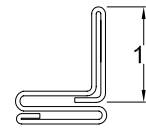
FLAT DRIVE

1228 28 GA.
 1226 26 GA.
 1224 24 GA.



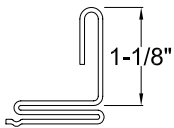
STANDING DRIVE

1624 24 GA.
 1622 22 GA.
 1620 20 GA.



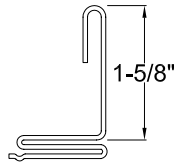
STANDING S-LOCK

1126 26 GA.
 1124 24 GA.



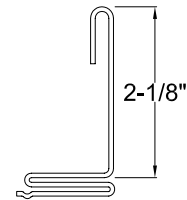
1" STANDING BAR-LOCK

1324 24 GA.
 1322 22 GA.
 1320 20 GA.



1-½" STANDING BAR-LOCK

1424 24 GA.
 1422 22 GA.
 1420 20 GA.

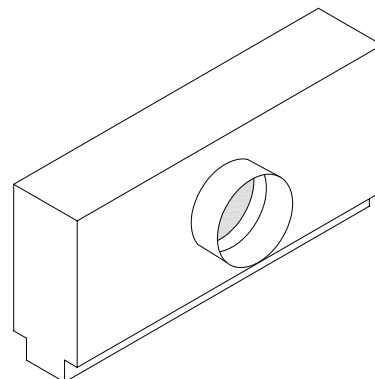


2" STANDING BAR-LOCK

1524 24 GA.
 1522 22 GA.
 1520 20 GA.

SLOT DIFFUSER PLENUMS

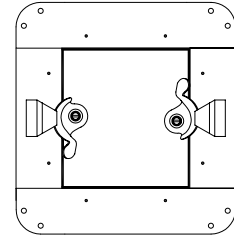
-  26 Gauge Galvanized Steel, Standard
-  1" x 1.5 lb. Density Internal Insulation, Standard
-  10" Standard Height
-  Plenum Length: 5-ft. and under
-  Round Collars Sized 4" through 9" Diameter
-  Oval Collars Sized 10" and Larger Diameter
-  Rectangular End Treatment as Required by Diffuser Spec



2001 SLOT DIFFUSER PLENUM

UNIVERSAL ACCESS DOOR

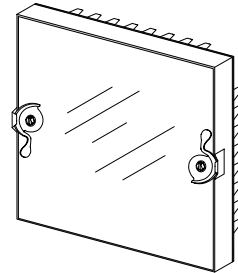
- 👑 For Sheet Metal Duct or 1" and 1 ½" Duct Board
- 👑 Door Construction: 24 Gauge Galvanized Steel
Dovetails are 26 Gauge Galvanized Steel
- 👑 Door Sizes 6" x 6" through 16" x 16" Provided with 2 Cam Locks
- 👑 Larger Sizes Provided with 4 Cam Locks



450 ACCESS DOOR

ACCESS DOOR

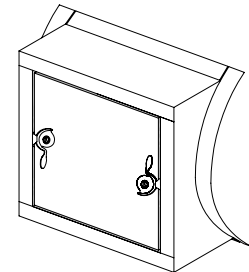
- 👑 Available Sizes: 6" x 6" - 24" x 24"
- 👑 Removable 24 Gauge Insulated Double Panel Door, 24 Gauge Frame
- 👑 Dual Cam Locks (4 Cam Locks on sizes 16" x 16" & larger)
- 👑 1" Thick Insulation in Door Panel
- 👑 ½" Wide, ⅛" Thick Dual Gasket (Door to Frame / Frame to Duct)



451 ACCESS DOOR

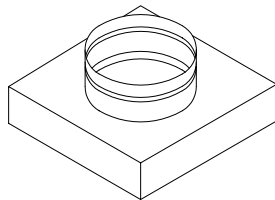
ACCESS DOOR FOR ROUND PIPE

- 👑 1" Flange Contoured to fit Round Sheet Metal Duct
- 👑 Construction: 24 Gauge Galvanized Steel Door
26 Gauge Galvanized Steel Body
- 👑 Door Sizes 6" x 6" through 16" x 16" Provided with 2 Cam Locks,
Larger Sizes Provided with 4 Cam Locks
- 👑 Gasket on Door Insures Air Tight Seal



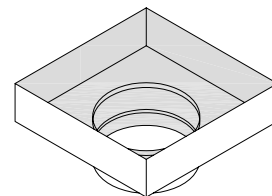
450-R ACCESS DOOR

ADAPTERS



666 ADAPTER

- 👑 Rectangular dimension made ⅜" oversize
Round Collar dimension made ⅛" undersize
- 👑 Sizes 4" x 4" thru 24" x 24" - 28 gauge
Sizes 26" x 26" thru 30" x 30" - 26 gauge
- 👑 3" Deep Rectangular End
3" Long Round Collar
- 👑 Oval collars also available



**666-B ADAPTER
BLACK INTERIOR**

- 👑 Rectangular dimension made ¼" oversize
Round Collar dimension made ¼" undersize
- 👑 All sizes 26 gauge
- 👑 2 ⅞" Deep Rectangular End
2 ¾" Long Round Collar
- 👑 Black Interior

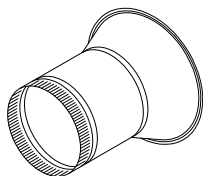
COMMERCIAL TAKEOFF FITTINGS

3000 Series Takeoff Fittings for Commercial Duct Installation.

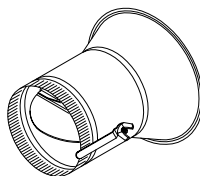
- ✠ Made to meet SMACNA gauge standards. Maximum 2" w.g. Positive Static Pressure. (SMACNA HVAC Duct Construction Standards Metal and Flexible - 2nd Edition 1995)
- ✠ Fabricated with continuous weld longitudinal seam for no air leakage at 2" w.g. static pressure. Eliminates air leaks caused by riveted or spot welded seams.
- ✠ Easy to install, features designed to reduce job installation costs.
- ✠ Specifications:

Collar Diameter	Galvanized Steel Gauge
4" through 8"	28 gauge
9" through 14"	26 gauge
16" through 20"	24 gauge
- ✠ Collar length is 5 1/2" - all sizes.
- ✠ "D" suffix designates fittings with reinforced axis manual volume damper.
 - Sizes 4" through 12" have reinforced damper axis with 1/4" regulator.
 - Sizes 14" through 20" have 3/8" continuous rod damper axis.
- ✠ "DS" suffix designates fittings with 2" damper handle standoff for blanket insulation.
 - Sizes 4" through 12" have reinforced damper axis with 1/4" regulator.
 - Sizes 14" through 20" have 3/8" continuous rod damper axis.
- ✠ "DS2" suffix designates fittings sized 4" through 12" with 2" damper handle standoff and 3/8" continuous rod damper axis.

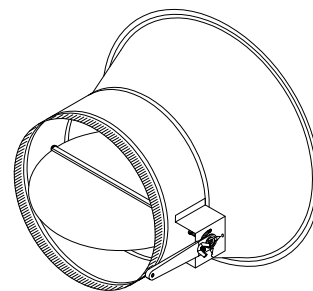
CONICAL SPIN-IN TAKEOFF



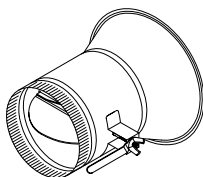
3200 CONICAL SPIN-IN



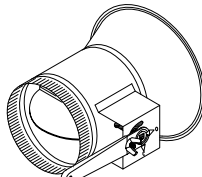
3200-D CONICAL SPIN-IN
with DAMPER



3200-DS CONICAL SPIN-IN
with 3/8" SOLID ROD AXIS
& 2" STANDOFF (14" - 20")

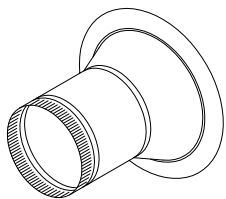


3200-DS CONICAL SPIN-IN
with 2" DAMPER HANDLE
STANDOFF (4" - 12")

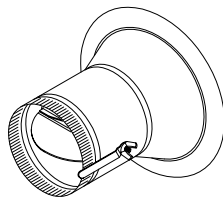


3200-DS2 CONICAL SPIN-IN
with 3/8" SOLID ROD AXIS
& 2" STANDOFF (4" - 12")

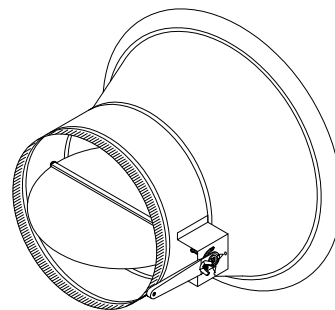
CONICAL TAKEOFF



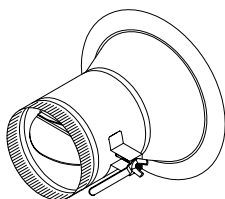
3210 CONICAL



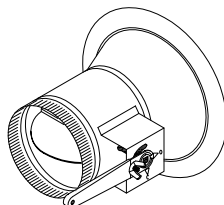
3210-D CONICAL
with DAMPER



3210-DS CONICAL
with $\frac{3}{8}$ " SOLID ROD AXIS
& 2" STANDOFF (14" - 20")



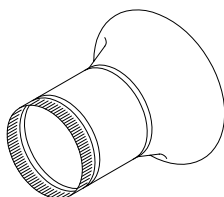
3210-DS CONICAL
with 2" DAMPER HANDLE
STANDOFF (4" - 12")



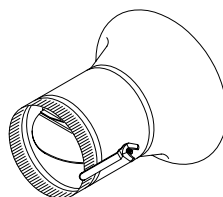
3210-DS2 CONICAL
with $\frac{3}{8}$ " SOLID ROD AXIS
& 2" STANDOFF (4" - 12")

THE No. 3210 SERIES TAKEOFFS HAVE 1" WIDE GASKET ON THE OUTBOARD FLANGE.

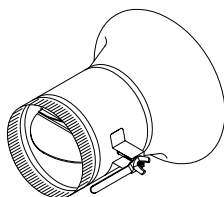
BELLMOUTH TAKEOFF



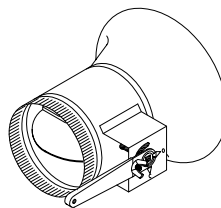
3210-B BELLMOUTH



3210-BD BELLMOUTH
with DAMPER



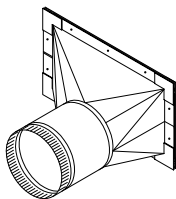
3210-BDS BELLMOUTH
with 2" DAMPER HANDLE
STANDOFF



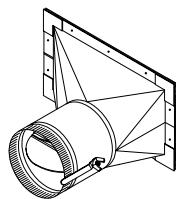
3210-BDS2 BELLMOUTH
with $\frac{3}{8}$ " SOLID ROD AXIS
& 2" STANDOFF

THE No. 3210-B SERIES IS AVAILABLE IN 6", 8", 10" and 12" DIAMETERS.
THE No. 3210-B SERIES TAKEOFFS HAVE GASKET MATERIAL ON THE OUTBOARD FLANGE.

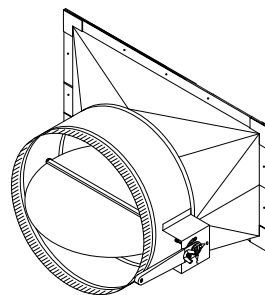
RECTANGULAR TO ROUND TAKEOFF



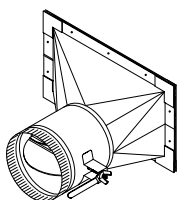
3300 45° TAKEOFF



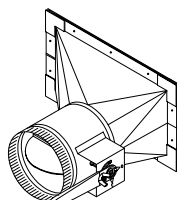
3300-D 45° TAKEOFF
with DAMPER



3300-DS 45° TAKEOFF
with $\frac{3}{8}$ " SOLID ROD AXIS
& 2" STANDOFF (14" - 20")



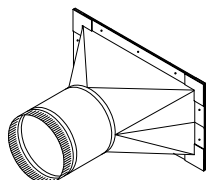
3300-DS 45° TAKEOFF
with 2" DAMPER HANDLE
STANDOFF (4" - 12")



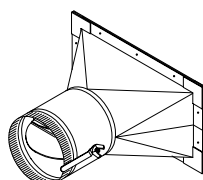
3300-DS2 45° TAKEOFF
with $\frac{3}{8}$ " SOLID ROD AXIS
& 2" STANDOFF (4" - 12")

THE No. 3300 SERIES TAKEOFFS HAVE 1" WIDE GASKET ON THE RECTANGULAR OUTBOARD FLANGE.

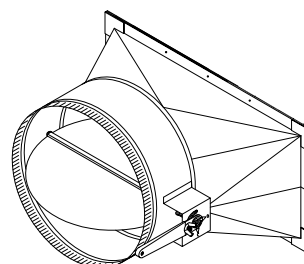
RECTANGULAR TO ROUND TAKEOFF



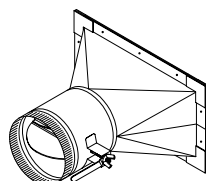
3400 TAKEOFF
CENTER TAPER



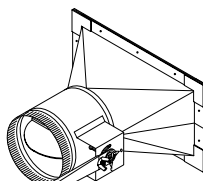
3400-D TAKEOFF
CENTER TAPER
with DAMPER



3400-DS TAKEOFF
CENTER TAPER
with $\frac{3}{8}$ " SOLID ROD AXIS
& 2" STANDOFF (14" - 20")



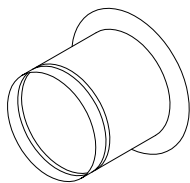
3400-DS TAKEOFF
CENTER TAPER
with 2" DAMPER HANDLE
STANDOFF (4" - 12")



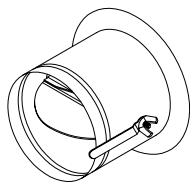
3400-DS2 TAKEOFF
CENTER TAPER
with $\frac{3}{8}$ " SOLID ROD AXIS
& 2" STANDOFF (4" - 12")

THE No. 3400 SERIES TAKEOFFS HAVE 1" WIDE GASKET ON THE RECTANGULAR OUTBOARD FLANGE.

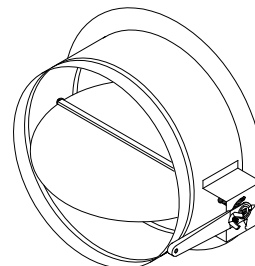
STRAIGHT TAKEOFF



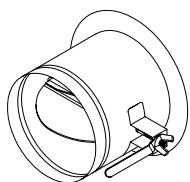
3710 TAKEOFF



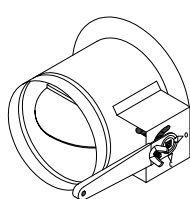
3710-D TAKEOFF
with DAMPER



3710-DS TAKEOFF
with $\frac{3}{8}$ " SOLID ROD AXIS
& 2" STANDOFF (14" - 20")



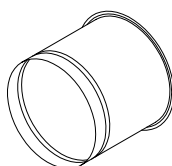
3710-DS TAKEOFF
with 2" DAMPER HANDLE
STANDOFF (4" - 12")



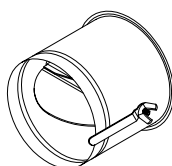
3710-DS2 TAKEOFF
with $\frac{3}{8}$ " SOLID ROD AXIS
& 2" STANDOFF (4" - 12")

THE No. 3710 SERIES TAKEOFFS HAVE 1" WIDE GASKET ON THE OUTBOARD FLANGE.

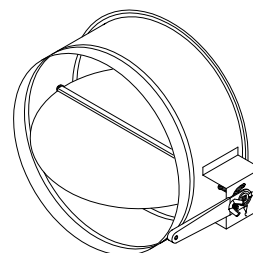
STRAIGHT SPIN-IN TAKEOFF



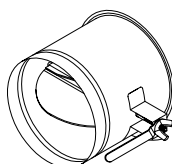
3720 SPIN-IN TAKEOFF



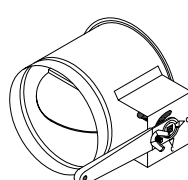
3720-D SPIN-IN TAKEOFF
with DAMPER



3720-DS SPIN-IN TAKEOFF
with $\frac{3}{8}$ " SOLID ROD AXIS
& 2" STANDOFF (14" - 20")

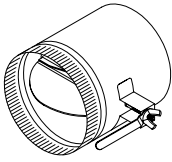


3720-DS SPIN-IN TAKEOFF
with 2" DAMPER HANDLE
STANDOFF (4" - 12")

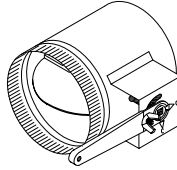


3720-DS2 SPIN-IN TAKEOFF
with $\frac{3}{8}$ " SOLID ROD AXIS
& 2" STANDOFF (4" - 12")

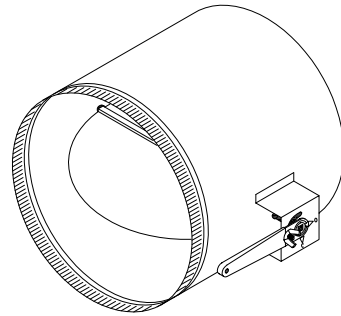
DAMPER SLEEVES



175-XS1 DAMPER SLEEVE
2" DAMPER HANDLE
STANDOFF
(SIZES 4" - 12")



175-XS2 DAMPER SLEEVE
with $\frac{3}{8}$ " SOLID ROD AXIS
& 2" STANDOFF
(4" - 12")



175-XS2 DAMPER SLEEVE
with $\frac{3}{8}$ " SOLID ROD AXIS
& 2" STANDOFF
(14" - 20")

NOTES

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