## Residential Products

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**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.

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**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

Sizes: 3" through 30" diameter

<table>
<thead>
<tr>
<th>DIAMETER</th>
<th>LENGTH</th>
<th>PACKAGING</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot; - 14&quot;</td>
<td>2 Ft.</td>
<td>20' per bundle</td>
</tr>
<tr>
<td>3&quot; - 9&quot;</td>
<td>5 Ft.</td>
<td>50' per carton</td>
</tr>
<tr>
<td>10&quot; - 14&quot;</td>
<td>5 Ft.</td>
<td>30' per bundle</td>
</tr>
<tr>
<td>12&quot; - 20&quot;</td>
<td>3 Ft.</td>
<td>30' per bundle</td>
</tr>
<tr>
<td>22&quot; - 30&quot;</td>
<td>3 &amp; 4 Ft.</td>
<td>No Standard Packaging</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Duct Diameter</th>
<th>Maximum 2&quot; w.g. Positive Pressure. Longitudinal Snaplock Seam.</th>
<th>Duct Diameter</th>
<th>Maximum 2&quot; w.g. Negative Pressure. Longitudinal Snaplock Seam.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot; thru 8&quot;</td>
<td>28 ga.</td>
<td>6&quot; thru 10&quot;</td>
<td>28 ga.</td>
</tr>
<tr>
<td>9&quot; thru 14&quot;</td>
<td>26 ga.</td>
<td>12&quot;</td>
<td>26 ga.</td>
</tr>
<tr>
<td>15&quot; thru 26&quot;</td>
<td>24 ga.</td>
<td>14&quot; thru 16&quot;</td>
<td>24 ga.</td>
</tr>
<tr>
<td>27&quot; thru 36&quot;</td>
<td>22 ga.</td>
<td>18&quot; thru 20&quot;</td>
<td>22 ga.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>22&quot; thru 26&quot;</td>
<td>20 ga.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>28&quot; thru 30&quot;</td>
<td>18 ga.</td>
</tr>
</tbody>
</table>


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.

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

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

DIA 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

111 ADJUSTABLE ELBOW

ADJUSTABLE ANGLE 45°
Galvanized Steel

121 ADJUSTABLE ANGLE

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

TEES
Galvanized Steel

"B"
"C"
"A"

271 TEE

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

REDUCER-INCREASE
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"
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 ½", 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

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

624-DSO / 624-FL-DSO
with DAMPER
and SCOOP

626 / 626-FL
with DAMPER

626 / 626-FL-DSO
with SCOOP,
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
**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

Galvanized steel with R-6.0 internal insulation.
Ready to be installed and connected to supply duct.
Hanger brackets optional.
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

1575-CRD
CEILING RADIATION DAMPER BOX
TOP ENTRY COLLAR

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

Galvanized Steel Frame with Duct Board Top & Sides, Black Interior.
Duct Board Top & Sides Allow for Various Collar Inlet Sizes, Field Installed.
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.

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

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).
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.
INSTALLATION ACCESSORIES

301- 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 ¾" 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 ¾" 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 ¾" 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

- 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.

FILTER HOUSING FOR AIR HANDLERS & GAS FURNACES

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"
- 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
"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

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

697 DUCT BOARD HANGER CHANNEL
Galvanized Steel
10-ft. long
Available in 26 ga. and 22 ga.

695 SADDLE HANGER for DUCT BOARD
22 ga. Galvanized Steel
4" wide, 2" x 2" angle

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
341-P ROOF JACK for PITCHED ROOF
353 ROOF JACK for REFRIGERANT LINES

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.

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
240 90° ELBOW SHORT WAY (245 45° ELBOW SHORT WAY)
230 90° ELBOW LONG WAY (235 45° ELBOW LONG WAY)
### 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

<table>
<thead>
<tr>
<th>Kit Code</th>
<th>Description</th>
<th>Quantity</th>
<th>Item Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>971</td>
<td><strong>SINGLE WIDE DUCT KIT</strong>, consisting of:</td>
<td></td>
<td>972</td>
<td><strong>SINGLE WIDE DUCT KIT</strong>, consisting of:</td>
</tr>
<tr>
<td>905</td>
<td>1 ea. R/A Box 12” x 20” - 14” oval</td>
<td></td>
<td>905</td>
<td>1 ea. R/A Box 12” x 20” - 12” round</td>
</tr>
<tr>
<td>950</td>
<td>1 ea. 12” x 20” Floor Grille</td>
<td></td>
<td>950</td>
<td>1 ea. 12” x 20” Floor Grille</td>
</tr>
<tr>
<td>945</td>
<td>2 ea. 10” x 20” x 1” Filter</td>
<td></td>
<td>945</td>
<td>2 ea. 10” x 20” x 1” Filter</td>
</tr>
<tr>
<td>920</td>
<td>1 ea. 12” Supply Connector</td>
<td></td>
<td>920</td>
<td>1 ea. 12” Supply Connector</td>
</tr>
<tr>
<td>974</td>
<td><strong>SINGLE WIDE DUCT KIT</strong>, consisting of:</td>
<td></td>
<td>976</td>
<td><strong>DOUBLE WIDE DUCT KIT</strong>, consisting of:</td>
</tr>
<tr>
<td>905</td>
<td>1 ea. R/A Box 12” x 20” - 14” oval</td>
<td></td>
<td>905</td>
<td>1 ea. R/A Box 12” x 20” - 14” oval</td>
</tr>
<tr>
<td>950</td>
<td>1 ea. 12” x 20” Floor Grille</td>
<td></td>
<td>950</td>
<td>1 ea. 12” x 20” Floor Grille</td>
</tr>
<tr>
<td>945</td>
<td>2 ea. 10” x 20” x 1” Filter</td>
<td></td>
<td>945</td>
<td>2 ea. 10” x 20” x 1” Filter</td>
</tr>
<tr>
<td>261-L</td>
<td>1 ea. 12” Starting Collar</td>
<td></td>
<td>920</td>
<td>2 ea. 10” Supply Connector</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>965</td>
<td>1 ea. 12” x 10” x 10” Wye</td>
</tr>
</tbody>
</table>
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.

RECTANGULAR DUCT

1 SOURCE

SPIRAL PIPE

TAKEOFF FITTINGS

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 1/4" and 44 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.

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SINGLE WALL SPIRAL DUCT WORK

SINGLE WALL SPIRAL PIPE & FITTINGS

❖ Standard: Galvanized steel sheet per ASTM A653, CS Type B.
❖ Optional: Stainless Steel Type 304-2B.
❖ Pipe diameters are nominal. Fittings are fabricated ⅛" undersized.

Steel Gauges:

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Pipe</th>
<th>Fittings</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; - 14&quot;</td>
<td>26 ga.</td>
<td>24 ga.</td>
</tr>
<tr>
<td>16&quot; - 26&quot;</td>
<td>24 ga.</td>
<td>22 ga.</td>
</tr>
<tr>
<td>28&quot; - 38&quot;</td>
<td>22 ga.</td>
<td>20 ga.</td>
</tr>
</tbody>
</table>

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

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

SP6307 90° SADDLE TAP
DOUBLE WALL SPIRAL DUCT WORK

DOUBLE WALL SPIRAL PIPE & FITTINGs

Outer wall galvanized steel sheet per ASTM A653, CS Type B.

Outer wall (optional) galvannealed 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)

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Pipe</th>
<th>Fittings</th>
</tr>
</thead>
<tbody>
<tr>
<td>6” - 14”</td>
<td>26 ga.</td>
<td>24 ga.</td>
</tr>
<tr>
<td>16” - 26”</td>
<td>24 ga.</td>
<td>22 ga.</td>
</tr>
<tr>
<td>28” - 36”</td>
<td>22 ga.</td>
<td>20 ga.</td>
</tr>
</tbody>
</table>

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

DW6276 45° LATERAL

DW6276R REDUCING
45° LATERAL

DW6406 GRILLE TAP

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 1/2" 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

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.

STANDING BAR-LOCK
1" 1-1/8"
1324 24 GA.
1322 22 GA.
1320 20 GA.

1-1/2" 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

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

2001 SLOT DIFFUSER PLENUM
UNIVERSAL ACCESS DOOR

- For Sheet Metal Duct or 1” and 1 1/2” 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
- 1/2” Wide, 1/8” 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 3/16” oversize
- Round Collar dimension made 3/8” 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

- Rectangular dimension made 1/4” oversize
- Round Collar dimension made 3/8” undersize
- All sizes 26 gauge
- 2 7/8” Deep Rectangular End
- 2 3/4” Long Round Collar
- Black Interior

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COMMERCIAL TAKEOFF FITTINGS

3000 Series Takeoff Fittings for Commercial Duct Installation.

вис Made to meet SMACNA gauge standards. Maximum 2" w.g. Positive Static Pressure.
(SMACNA HVAC Duct Construction Standards Metal and Flexible - 2nd Edition 1995)
вис 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.
вис Easy to install, features designed to reduce job installation costs.
вис Specifications: Collar Diameter | Galvanized Steel Gauge
| 4" through 8" | 28 gauge |
| 9" through 14" | 26 gauge |
| 16" through 20" | 24 gauge |
вис Collar length is 5 ½" - all sizes.
вис "D" suffix designates fittings with reinforced axis manual volume damper.
Sizes 4" through 12" have reinforced damper axis with ¼" regulator.
Sizes 14" through 20" have ⅜" continuous rod damper axis.
вис "DS" suffix designates fittings with 2" damper handle standoff for blanket insulation.
Sizes 4" through 12" have reinforced damper axis with ¼" regulator.
Sizes 14" through 20" have ⅜" continuous rod damper axis.
вис "DS2" suffix designates fittings sized 4" through 12" with 2" damper handle standoff and ⅜" 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 ⅜" 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 ⅜" SOLID ROD AXIS & 2" STANDOFF (4" - 12")
CONICAL TAKEOFF

3210 CONICAL

3210-D CONICAL
with DAMPER

3210-DS CONICAL
with 3/8" SOLID ROD AXIS & 2" STANDOFF (14" - 20")

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

3210-DS2 CONICAL
with 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 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 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 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 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 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 3/8" SOLID ROD AXIS & 2" STANDOFF (14" - 20")

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

3710-DS2 TAKEOFF
with 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 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 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 3/8" SOLID ROD AXIS & 2" STANDOFF
(4" - 12"

175-XS2 DAMPER SLEEVE
with 3/8" SOLID ROD AXIS & 2" STANDOFF
(14" - 20"

NOTES