Royal Metal Products was founded in Douglasville, GA in 1989 by J.R. (Roy) Crider and Jim Ishee to create the premier manufacturer and provider of residential and light commercial HVAC sheet metal products in the Southeast and Mid-Atlantic.

In order to accomplish this goal, both owners committed to providing their customers with the highest quality products in the industry, sold at market price and supported with exceptional customer service.

This formula for success has led to consistent growth each year since its inception and the establishment of key partnerships with the highest caliber wholesalers throughout the Southeastern and Northeastern states.

To support the needs of our customer base and the growing housing market, Royal Metal has consistently invested in upgrading the plant facilities, equipment, manufacturing system, product research and development, and customer service initiatives. As a result, plant operations now produce over 2,500 different HVAC products supported by core products of metal pipe, elbows, ductwork, register boots, insulated boxes, collars, wyes, tees, flexible duct and other fittings.

In 2005, Royal Metal Products built a new state-of-the-art manufacturing facility in Temple, GA and in 2007 expanded with another 60,000 square feet. Together with the original Douglasville plant, we now have over 300,000 square feet of manufacturing and warehouse space. In addition, the manufacturing facility is supported by an internal machine shop with professionally trained machinists, and a shipping department which includes a fleet of company owned trucks.

Plant employees of Royal Metal Products are all incentivized for piece production above set standards which has resulted in high productivity, low turnover and unmatched product quality over the years.

The future has certainly been anticipated and embraced by Royal Metal Products and we stand ready to serve your needs.
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[www.royalmetalproducts.com](http://www.royalmetalproducts.com)
Policies

Freight Policies
All orders of $5,000.00 or more are full freight allowed and are delivered on a Royal Metal Products Truck. Orders less than $5,000.00 can also be delivered freight allowed if we have a delivery in the area. Orders that do not qualify for freight allowed are generally shipped best way with freight prepaid and added to the invoice. Drop shipments have a minimum order of $5,000 and need to be within a 150 mile radius of your branch. Drop shipments over 150 miles require a minimum order of $10,000.

Minimum Orders
Royal has no minimum size requirement for an order. Add-ons are welcomed.

Credit Terms
Terms are 2% 10th Prox. Net 25th.

Return Goods
Our aim is for you to be completely satisfied with all of our products. Defective or damaged products will be replaced or credited at your option. Order errors or over stock may also be returned, but may be subject to a 15% restocking fee depending on Royals ability to resale. Special ordered products may not be returned. Please call the order department for authorization and the best way to return goods.

Acceptance of Orders
All orders are subject to acceptance by our sales department. Orders for less than our standard packaging quantity will be increased to the standard quantity. A standard packaging list is included with your catalog.

Pricing
Prices are subject to change without notice, however, when possible, Royal Metal Products will give a 30 day written notice. Call 1-800-520-6593 for pricing inquiries.
**10’ Conductor Pipe**
Packed: 5 pieces per bundle. Loose in crates or racks.

**#101**
**Snaplock Furnace Pipe**
Available in a variety of gauges and lengths
3” thru 24” diameter
Packed: Standard gauge -
10 pieces per bundle
26 gauge -
5 pieces per bundle
Also available in aluminum, stainless or matte black

**#101**
**Adjustable 90° Elbow**
Packed: 24 per box - 3”
12 per bundle - 4”-10”
4 per bundle - 12”-24”
Boxed: 3”-16” (except 9”), all gauges
Also available in aluminum, stainless or matte black

**#121**
**Adjustable 45° Angle**
2 piece - 4”-12”
3 piece - 14”-24”
Packed: 24/bundle - 6”-10”
6/bundle - 12”-20”
Oval Pipe/Elbows/Fittings

#103 Oval Pipe
5, 6 & 7" diameter
100" lengths

#112 Oval Flat 90° Elbow

#113 Oval Vertical 90° Elbow

#123 Oval Flat 45° Angle

#124 Oval Vertical 45° Angle

#125 Oval 90° Register Box

#126 Oval 45° Register Box

#247 Oval/Round Straight Boot

#248 Oval/Round 90° Boot

#249 Oval/Round End Boot
Stack Boots

- #231 Straight Boot
- #233 90° Angle Boot
- #234 Center End Boot
- #236 Adjustable Offset Boot
- #237 Po Boy Boot

Stackheads

- #222 Stackhead 7” Throat
- #223 Stackhead 12” Throat
Floor Register Boots

#241 Straight Back Register Boot

#242 Straight Register Boot with 2” offset

#243 90° Register Boot

#243S 45° Register Boot

#244R or #244L Left or Right Register Boot

#244 End Register Boot

#246 Adjustable Register Boot
Ceiling Register Boots

#241F
Straight Ceiling Boot

#243F
90° Flanged Boot

#356
Straight Ceiling Boot with Frame
24” or 26” plates

#357
90° Ceiling Boot with Frame
24” or 26” plates

#PF
Plaster Frame
24” or 26”

#243B
Basement Boot
**Diffuser Boxes**

- #241WF: Square to Round Ceiling Box, 2" flange
- #241P: Funnel Pan
- #355FS: Side Outlet Diffuser Box
- #355F: Square Diffuser Box

**Return Boxes**

- #354: Mobile Home Return Box
- #353: Register Box
- #421: Square/Rectangular to Round Transition
Tees, Wyes & Reducers

#264 Short Reducer
#270 Tee Joint
#265 Reducer no crimp
#272 Bullhead Wye
#264 Short Reducer
#270 Tee Joint
#265 Reducer no crimp
#272 Bullhead Wye
#271 Full Flow Tee
#276 Stub Wye
#273 Tee Cap specify with or without crimp
#277 Full Flow Wye
#279 Adjustable Wye
#1T Insulated Triangle Wye
Tab Collars & Dampers

#261 FM  Duct Board Starting Collar for lay-in diffuser

#310 F  Duct Board Starting Collar with damper

#261 SC  Flex Connector

#262  Snap Collar for Duct Board available nested, snapped or snapped with gasket

#261S  Metal Starting Collar

#263  Snap Collar for Metal shipped nested

#311  Round Damper Section

#211  Tab Collar Ring

#275  Damper
Spin Fittings

For Metal Duct

#700 Spin-In
#701 Spin-In with scoop
#702 Spin-In with damper
#703 Spin-In with scoop & damper

For Duct Board

#600 Twist-Loc
#601 Twist-Loc with scoop
#602 Twist-Loc with damper
#603 Twist-Loc with scoop & damper
Air-Tite Takeoffs

- #167 Flat Air-Tite for Duct
- #168 Flat Air-Tite with damper for Duct
- #169 Flat Air-Tite with scoop for Duct
- #170 Flat Air-Tite with scoop & damper for Duct
- #171 Round Air-Tite for Round Pipe
- #172 Round Air-Tite with scoop for Round Pipe
- #173 Round Air-Tite with damper for Round Pipe
- #174 Round Air-Tite with scoop & damper for Round Pipe
Conical Air-Tite Fittings

- #800G Air-Tite Conical
- #801G Air-Tite Conical with scoop
- #802G Air-Tite Conical with damper
- #803G Air-Tite Conical with scoop & damper
- #803GRQ Air-Tite Conical with raised quadrant

Conical Spin Fittings

- #800 Conical
- #801 Conical with scoop
- #802 Conical with damper
- #803 Conical with scoop & damper
Takeoffs for Metal & Duct Board

#306 Adjustable Side Takeoff

#308 Top Takeoff

#308S Top Takeoff square back

#309 Side Takeoff

#309S Side Takeoff

#308DBL Double Top Takeoff
High Efficiency Takeoffs

#309SDG
High Efficiency Takeoff
Shown with 1½” raised quadrant damper. Available with 1½” or 2” raised quadrant

#309SDGRQ
#309SDG
High Efficiency Takeoff

#309RG
High Efficiency Takeoff for Pipe
with gasket
Available with 1½” or 2” raised quadrant

#309STR
High Efficiency Takeoff

#309STRD
High Efficiency Takeoff
with damper

#309SG
High Efficiency Takeoff
with gasket
Insulated Boxes

#501
Insulated Box
6” tall

#501TF
Top Flange Insulated Box
3½” tall with damper

#503
End outlet

#504
Insulated Box
3½” tall

#504D
Insulated Box
3½” tall with damper

#505
Insulated Box
6” tall

#506
Insulated Box
Flat top DB

#506RAB
Insulated Return Air Box
½” oversized flat top DB

#507
Insulated 45° Slant Top
Available with or without flange

#507E
Insulated 90° Slant Top
End outlet

All insulated boxes are available in R4, R6, or R8 insulation
Ceiling Radiation Damper Assemblies

#241FRD
Straight Radiation Damper Boot

#557RD
Ceiling Radiation Damper Sleeve

#243FRD
90° Non-Insulated Radiation Damper Boot

#505RD
Insulated Register Box
Top Outlet

#507RD
45° Insulated Box

#509
90° Insulated Radiation Damper Boot

#1004
Mounting Rail
3⁄4”x3⁄4”x26”
16 gauge

#1005
Mounting Rail
1½”x1½”x26” 22 gauge

www.royalmetalproducts.com
Wall Stack & Fittings

#401 Wall Stack
2-piece
24"-96" lengths

#406 Starting Collar

#430 Flat 90° Elbow
longway

#411 End Cap

#435 Flat 45° Elbow
longway

#445 Vertical 45° Angle
shortway

#440 Vertical 90° Elbow
shortway
**Rectangular Duct Work**

- **#401 Beaded Trunk Duct**
  - 36", 48" and 60" lengths. Shipped 5 joints per bundle or 6 joints per box

- **#401X Cross Broken Trunk Duct**

**Rectangular Reducers & Caps**

- **#418 Side Reducer**
- **#411 End Cap**
- **#417 Trunk Reducer**

**Rectangular Elbows & Angles**

- **#430 Horizontal 90° Elbow**
  - flat, longway
- **#440 Vertical 90° Elbow**
  - shortway
- **#435 Horizontal 45° Elbow**
  - flat, longway
- **#445 Vertical 45° Elbow**
  - shortway

**Rectangular Collars**

- **#406 Starting Collar**
- **#409 Offset Collar**
  - 2" rise
- **#407 Center Transition Collar**
- **#418 Side Reducer**
- **#411 End Cap**
- **#417 Trunk Reducer**

**Rectangular Reducers & Caps**

- **#430 Horizontal 90° Elbow**
  - flat, longway
- **#440 Vertical 90° Elbow**
  - shortway
- **#435 Horizontal 45° Elbow**
  - flat, longway
- **#445 Vertical 45° Elbow**
  - shortway

**Rectangular Collars**

- **#406 Starting Collar**
- **#409 Offset Collar**
  - 2" rise
- **#407 Center Transition Collar**

**Rectangular Reducers & Caps**

- **#430 Horizontal 90° Elbow**
  - flat, longway
- **#440 Vertical 90° Elbow**
  - shortway
- **#435 Horizontal 45° Elbow**
  - flat, longway
- **#445 Vertical 45° Elbow**
  - shortway

**Rectangular Collars**

- **#406 Starting Collar**
- **#409 Offset Collar**
  - 2" rise
- **#407 Center Transition Collar**
Duct Returns & Accessories

- #489 Return Air Support Box
- #489FR Filter Rack
- #239CAF Cold Air Return Frame
- #323 Joist Panning
- #489SD Cold Air Boot
- #489SDK Cold Air Drop Kit

Plenums

- #301 Plenum
  Shipped knocked down. Available lined in R-4 or R-6 or unlined. Available with or without filter rack.
- #82ADJ Adjustable Plenum
  Shipped knocked down
Vent Tops & Flashings

#331 Shanty Cap

#332 Wind Band Vent Cap

#333 Vent Cap

#335 Tall Flashing
12" Cone

#336 Steep Pitch Flashing
Specify pitch

#336 Roof Flashing
Adjustable from flat to 5/12 pitch

#337 Flashing & Cap Combination
Specify pitch

#338 Storm Collar

www.royalmetalproducts.com
Accessories

#1001 Flat Full Hem
- S-Lock

#1006 Standing Seam
- S-Lock 1”

#1002 Drive Cleat

#1008 Hanging Rail
- 1"x1"x24" available in 22, 24 or 26 gauge.

#100326 Boot Rail

#127 8” Duct Hanger

#1061 Ceiling Collar

#131 Drawband

FHA Strap
- 12” 18 gauge
- 18” 18 gauge

Stud Guard
- 6” length

#300 Wall Cap

#1000 Hanging Strap
- 1”x100’ 30 gauge with no holes
- 1”x100’ 26 gauge with no holes
- 1”x100’ 22 gauge with no holes
- 1½”x100’ 30 gauge with no holes
- 1½”x100’ 26 gauge with no holes
- 1½”x100’ 22 gauge with no holes
- 2”x100’ 30 gauge with no holes
- 2”x100’ 26 gauge with no holes
- ⅜”x100’ with holes

#339 Toe Plate
- 4”x16”
#302 Drain Pan
1 piece seamless

#CS Collar Start/Heat Shield
5 1/2” x 1 1/2” x 8’

#1007 Can Stock
2”x1 1/4”, 2”x2” or 2”x2 1/2” available in 10’ lengths

#LS CAP Line Set Cap
4”x4”

#LS Line Set Covers
4”x5”x4” in 8’ or 10’ lengths, available capped or uncapped

#UC U-Channel
1”x2”x1” or 1 1/2”x2”x1 1/2” in 10’ lengths, available in 22 or 26 gauge

#513 Transfer Grill Box

#515 Thru the Wall Return Box

#327 Florida Roof Vent

www.royalmetalproducts.com
**Flexible Duct**

**#901 Flex Duct (Silver)**

Product Data:
- Class 1 Flexible Air Duct
- Code Compliance: NFPA 90A & 90B, UL 181
- Reinforced, metalized polyester vapor barrier
- Airtite polyester inner core
- Standard lengths of 25 ft
- Diameters 4”-20”
- Available in R-4.2, R-6.0, or R-8.0

**#903 Mobile Home Flex Duct (Black)**

Product Data:
- Class 1 Flexible Air Duct
- Code Compliance: NFPA 90A & 90B, UL 181, HUD/FHA
- Thick flame retardant polyethylene vapor barrier
- Permeance rating of less than .1 perm
- Airtite polyester inner core
- Standard lengths of 25 ft
- Diameters 10”, 12”, 14”
- Available in R-4.2

**Packaging:**
- 1 Piece Per Bag/Carton
- 1 Layer Per Pallet
- Full Pallet Quantities

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The Royal Advantage

At Royal Metal Products, our mission is to create the highest level of quality, service, and value for each and every customer, every day. We refer to this standard of performance as the Royal Advantage.

Superior Quality

The Royal Advantage begins by delivering the highest quality products in the industry. This is accomplished by using the highest grade steel and materials in all of our products, and committing to a process of continuous improvement in all stages of manufacturing to meet and exceed the industry benchmarks set for each product. Our updated facilities and equipment insure that we keep pace with the ever changing and growing marketplace. We offer a 100% product satisfaction guarantee. Our quality control program insures that every product is stamped with our logo and size for ease of identification and stocking, and each box is inspected for quality and count accuracy.

Superior Service

Royal Metal Products offers an unmatched level of personalized customer service. Our dedicated customer service representatives verify order receipt and accuracy for every order, and follow-up with a call to schedule deliveries 3 days before shipment. During deliveries, our truck drivers will assist in the unloading process, and will call in any errors or shortages before leaving the branch. All errors or shortages are shipped same or next business day at Royal’s expense. Royal extends to all of our customers a standard weekly delivery service with no backorders.

Superior Value

Superior value is created by selling superior quality products and service for the same market price as our competitors, and doing so consistently over time. These 3 elements delivered in combination, create a business experience for our customers that is unmatched in the industry.

Are you ready to experience the Royal Advantage?
Royal Metal Products is a premier manufacturer of residential and light commercial sheet metal HVAC products for the single and multi-family housing markets. Core products include steel pipe, elbows, register boots, wyes, insulated boxes, fittings, and more. Royal Metal Products are sold through key wholesalers in the Northeast, Southeast and Mid-Atlantic regions.

For more information on Royal Metal Products, call 800-520-6593 or visit us on the web at www.royalmetalproducts.com

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