



Today's Date: _____
Bid No.: _____
Bid Date: _____
P.O. No.: _____

Submittal for Rectangular Duct and Fittings

This submittal document supplements Regional Sheetmetal Manufacturing's proposal document and specifies in detail the type and fabrication of all products that Regional Sheetmetal Manufacturing will provide for this project.

Project Name: _____
Address: _____

Consulting Engineer: _____
Address: _____

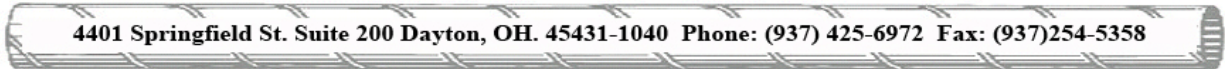
Customer: _____
Address: _____

Office or Representative: Regional Sheetmetal Manufacturing LLC
Address: 4401 Springfield St.
Suite 200
Dayton, Ohio 45431

Signature: _____
Name (printed): _____

APPROVAL

Signature: _____ **Date:** _____
Name (printed): _____
Company (printed): _____





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All ductwork will be manufactured in accordance with the 1995 SMACNA HVAC Duct Construction Standards, Metal and Flexible, unless otherwise stated below.

Pressure Class

Comments:

Positive Negative

0 to 1/2 in. w.g. _____

1/2 to 1 in. w.g. _____

1 to 2 in. w.g. _____

2 to 3 in. w.g. _____

3 to 4 in. w.g. _____

4 to 6 in. w.g. _____

6 to 10 in. w.g. _____

Other _____

Material Selection

Comments:

G-60 Galvanized Steel
(ASTM A653 and A924) _____

G-90 Galvanized Steel
(ASTM A653 and A924) _____

Paintable Galvanized Steel
(ASTM A653 and A924) _____

SilverGuard, G-60 Galvanized Steel
coated with AgION Antimicrobial _____

Stainless Steel - Type 304
(ASTM A167 and A480) _____

Stainless Steel - Type 316
(ASTM A167 and A480) _____

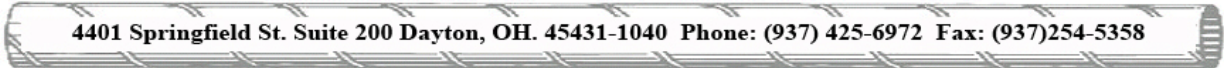
SilverGuard, Stainless Steel - Type 304
coated with AgION Antimicrobial _____

Non-Galvanized Carbon Steel
(ASTM A366, A568 & A569) _____

Aluminized Steel - Type 1
T1-25 (ASTM A463) _____

Aluminum - Type 3003-H14
(ASTM B209) _____

Other _____
(Specify) _____





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Duct Shell Fabrication

- Single-Wall Single-Wall, Lined Double-Wall

Duct shell will be:

- Assembled (5 feet standard lengths)
 L-Shaped (5 feet standard lengths)
 Fully Welded*
- Butt Seam Lap Seam
 RSEW (Resistance) GMAW (MIG) GTAW (TIG)

Notes: *The outside of fully welded galvanized steel seams will be coated with a protective paint.

Comments: _____

Fitting Shell Fabrication

- Single-Wall Single-Wall, Lined Double-Wall

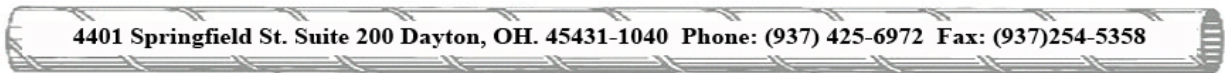
Fitting shell will be:

- Assembled (standard)
 Knocked Down
 Fully Welded*
- RSEW (Resistance) GMAW (MIG) GTAW (TIG)

Comments: _____

Notes: *The outside of fully welded galvanized steel seams will be coated with a protective paint.

Comments: _____





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Duct Metal Inner Liner Fabrication (if double-wall)

Perforated (standard) Solid* Mylar _____

Notes: *Double-wall duct metal inner liners that are specified solid will be fabricated with the standard perforated metal thickness shown below, unless otherwise herein.

<u>Maximum Width</u> (inches)	<input type="checkbox"/> <u>Steel Thickness</u> (gauge)
3 - 72	Same as outer
73 - 96	Same as outer
97 - 120	Same as outer

Notes: Metal inner liners are fabricated with G-90 galvanized steel, unless stated otherwise herein, or unless the outer shell is aluminum, in which case the metal inner liner must be aluminum as well.

Comments: _____

Fitting Metal Inner Liner Fabrication (if double-wall)

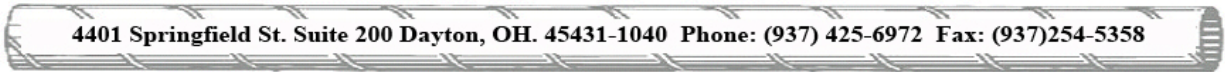
Perforated (standard) Solid* Mylar _____

Notes: *Double-wall duct metal inner liners that are specified solid will be fabricated with the standard perforated metal thickness shown below, unless otherwise herein.

<u>Maximum Width</u> (inches)	<input type="checkbox"/> <u>Steel Thickness</u> (gauge)
3 - 72	Same as outer
73 - 96	Same as outer
97 - 120	Same as outer

Notes: Metal inner liners are fabricated with G-90 galvanized steel, unless stated otherwise herein, or unless the outer shell is aluminum, in which case the metal inner liner must be aluminum as well.

Comments: _____





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Insulation Type

Double-Wall: Comments:
 Knauf coated fiberglass - flexible* _____
 Other: _____

Single-Wall, Lined Comments:
 Knauf coated fiberglass - flexible* _____
 Other: _____

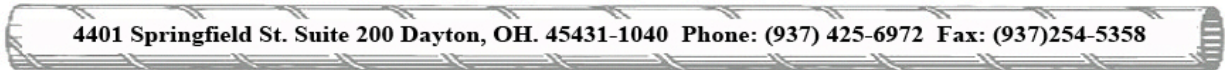
Notes: *The flexible fiberglass used for double-wall construction has a maximum thermal conductivity (k) factor of 0.27 BTU/hr/ft²/°F - in. at 75°F mean ambient temperature.

Notes: All insulation types meet NFPA 90A - 25 flame spread and 50 smoke developed ratings.

Insulation Thickness

Comments:

1/2 inch (single-wall lined only) _____
 1 inch (standard) _____
 1-1/2 inch (single-wall lined only) _____
 2 inch _____
 3 inch _____
 Other: _____





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<u>End Connectors - Type</u>	<u>Sizes:</u>	<u>Material*:</u>	<u>Comments:</u>
<input type="checkbox"/> Raw Ends (integral)	_____	_____	_____
<input type="checkbox"/> TDC (integral)	_____	_____	_____
<input type="checkbox"/> S and Drive Slips	_____	_____	_____
<input type="checkbox"/> Four Bolt Flange	_____	_____	_____
<input type="checkbox"/> Angle	_____	_____	_____
<input type="checkbox"/> Other: _____	_____	_____	_____

Comments: _____

Notes: *End connector material is as stated above regardless of ductwork material.

End Connectors - Assembly

<input type="checkbox"/> Loose			
<input type="checkbox"/> Installed (standard)	<u>Duct</u>	<u>Fittings</u>	<u>Comments:</u>
Spot or tack welded and sealed	<input type="checkbox"/>	<input type="checkbox"/>	_____
Screwed and sealed	<input type="checkbox"/>	<input type="checkbox"/>	_____
Fully welded	<input type="checkbox"/>	<input type="checkbox"/>	_____

Comments: _____

Reinforcement

- Excluded
 Included (standard)
 Loose Installed

Comments: _____

