



Round Spiral Duct & Fittings

DESIGN NOTES:

- ⇒ Omni Round Spiral Duct & Fittings meet ASTM A653-96 standards Fabricated from Galvanized G90 Steel.
- ⇒ Joint connection, unless otherwise specified, will be furnished with coupling slip-joint connections.
- ⇒ All fitting ends will insert a minimum of 2" inside the mating duct.
- ⇒ Seam construction, unless otherwise specified, will be spot-welded on 1" centers.
- ⇒ If specified, a protective seam sealer formulated for bonding metal to metal will be applied.

- ⇒ Standard (Type S) - A smooth, high-strength duct. Provides a combination of high strength and economy, plus the lowest friction loss available.
- ⇒ Semi-Ribbed (Type SR) - Offers a reinforcing corrugation for added strength.
- ⇒ Omni Spiral Duct is made with air-tight spiral 4-ply lock seam construction, available in galvanized steel, cold roll steel, stainless steel and aluminum & is in accordance with the latest edition of SMACNA Duct construction standards.

Spiral Duct Construction		
Maximum +2 W.G. / Static Pressure		
Duct Dia. Inches	Spiral Seam Gauge	Longitudinal Seam Gauge
3-8	28	28
9-14	28	26
15-26	26	24
27-36	24	22
37-50	22	20
51-60	20	18
61-84	18	16

***Note:** Check to indicate variations from standard construction methods

Spiral Duct Construction		
Maximum +4 W.G. Static Pressure		
Duct Dia. Inches	Spiral Seam Gauge	Longitudinal Seam Gauge
3-8	26	24
9-14	26	24
15-26	24	22
27-36	22	20
37-50	20	20
51-60	18	18
61-84	18	16

Spiral Duct Construction		
Maximum +10 W.G. Static Pressure		
Duct Dia. Inches	Spiral Seam Gauge	Longitudinal Seam Gauge
3-8	28	24
9-14	28	24
15-26	24	22
27-36	22	20
37-50	20	18
51-60	18	16
61-84	16	14

Alternative Joint Connectors*

<input type="checkbox"/>	Dura Flange	<input type="checkbox"/>	Angle Rings
<input type="checkbox"/>	Spiralmate	<input type="checkbox"/>	_____

Alternative Seam Construction* (Fittings)

<input type="checkbox"/>	Seam Welded
<input type="checkbox"/>	_____

Seam Sealant Available* (Fittings)

<input type="checkbox"/>	Seal Outside
<input type="checkbox"/>	Seal Inside

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Job Name: _____

Location: _____

Mechanical Contractor: _____

Job No: _____

Manufacturer : **Omni Duct Systems, Toll Free (888) 444-DUCT (3828)**

Date: _____