

Double Wall Insulated Round Duct

- ⇒ Double Wall Round Spiral Duct will be constructed of a perforated or solid inner shell, 1" fiberglass insulation & an outer pressure shell.
- ⇒ Duct will be of spiral lockseam construction, built to 2" s.p. SMACNA standards & fabricated from galvanized steel meeting ASTM-A653-96 standards.
- ⇒ Double Wall Round Fittings are fabricated with **solid inner shell** unless specified as perforated by the mechanical engineer.
- ⇒ Joint construction, unless otherwise specified, will be furnished with coupling slip-joint connections
- ⇒ All fitting ends will insert a minimum of 2" inside the mating duct.
- ⇒ All fitting seam connections will be spot-welded on 1" centers.
- ⇒ Perforations of inner-skin are 3/32" diameter, 23% open area.
- ⇒ Thermal conductivity is .27 @ 75° ambient temperature for 1" thick fiberglass insulation.
- ⇒ 2" and 3" insulation is also available and will be used based on detailed order sheets provided for fabrication.
- ⇒ Other materials available upon request.

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

Double Wall Insulated Round Spiral Duct			
Outer Shell Dia.	Outer Shell Gauge	Inner Shell Gauge	
		Perforated	Solid
6 - 14	28	22	28
16 - 26	26	22	28
28 - 36	24	22	26
38 - 44	22	22	24
46 - 50	22	22	24
52 - 60	20	22	22
61 - 80	18	22	20

Double Wall Insulated Round Fittings			
Outer Shell Dia.	Outer Shell Gauge	Inner Shell Gauge	
		Perforated	Solid
6 - 14	26	22	26
16 - 26	24	22	26
28 - 36	22	22	24
38 - 50	20	22	22
52 - 60	18	22	20
61 - 80	18	22	20

Alternative Joint Connectors*

- Dura Flange**
- _____

Alternative Fitting Seam Construction*

- Seam Welded**
- _____

Alternative Inner Shell Material*

- Perforated Galvanized Steel**
- _____

Fitting Seam Sealant Available*

- Seal Outside**
- Seal Inside**

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Job Name: _____

Location: _____

Mechanical Contractor: _____

Job No: _____

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

Date: _____