ZEN Industries shop standards for rectangular duct

BASED ON 3rd Edition 2005 SMACNA STANDARDS

TDF - 6" W.G.

MAX. WIDTH	CONNECTOR	DUCT LENGTHS 60"	48"	36"	30"	24"
10" - DOWN	ST-S/D	24	24	26	26	26
11 - 12"	ST-S/D	24	24	26	26	26
13 - 14"	TDF	22	24	26	26	26
15 - 16"	TDF	22	24	26	26	26
17 - 18"	TDF	22	24	26	26	26
19 - 20"	TDF	22	24	24	26	26
21 - 22"	TDF	22	22	24	24	26
23 - 24"	TDF	22	22	24	24	24
25 - 26"	TDF	20	22	22	24	24
27 - 28"	TDF	**22 MPT**	20	22	22	24
29 - 30"	TDF	22 MPT	20	22	22	24
31 - 36"	TDF	20 MPT	24 MPT	**20 MPT**	20	22
37 - 42"	TDF	20 MPT/JTR	22 MPT/JTR	**20 MPT**	**20 MPT**	20
43 - 48"	TDF	20 MPT/JTR	20 MPT/JTR	**20 MPT**	**20 MPT**	**20 MPT**
49 - 54"	TDF	20 MPT/JTR	20 MPT/JTR	**20 MPT**	**20 MPT**	**20 MPT**
55 - 60"	TDF	20 MPT/JTR	20 MPT/JTR	**18 MPT**	**20 MPT**	**20 MPT**
61 - 72"	TDF	18 MPT/JTR	18 MPT/JTR	**18 MPT**	**18 MPT**	**18 MPT**
73 - 84"	TDF	18 2MPT/JTR	18 2MPT/JTR	**18 MPT**	**18 MPT**	**18 MPT**
85 - 96"	**WARD "J"**	**16 MPT/JTR**	**18 MPT/JTR**	**16 JTR**	**16 JTR**	**18 JTR**
97 - 108"	WARD "J"	**16 2MPT/JTR**	**18 MPT/JTR**	**16 JTR**	**16 JTR**	**18 JTR**
109 - 120"	WARD "J"	**16 2MPT/2JTR**	**16 2MPT/2JTR**	**16 2MPT/2JTR**	**16 JTR**	**18 JTR**

Zen Industries Standards based on the latest SMACNA standards:

galvanized sheets 26 & 24 ga G-60 LFQ

all duct 12" and above will be beaded

1/2"wg. to 2"w.g snaplock seam (pittsburg available at an additional cost)

3"wg up to 48"wide snaplock seam (duct over 48" wide-pittsburg)

4"wg to 10"wg pittsburg seam

fittings - assembled straight duct - unassembled (assembly available at an additional cost)

duct sections width + height
- up to 18" wrapped
- up to 70" "L" shaped
- 71" & up 4 pc.

FS/D = flat slip(24ga) & drive(24ga) ST-S/D = standing slip(22ga) & drive TDF =T-25b roll formed flange

MPT= midpoint tie-rod JTR= joint tie-rods

2x2x1/8" angle = midpoint reinforcement in lieu of tie-rods

Duct liner available 1/2" or 1"

Sales & Estimating: Drew McCaffrey • Drew.McCaffrey@ZENIndustries.com • 877-600-0274 • Fax: 877-826-7952
Regional Sales Manager: Al Burling • al.burling@zenindustries.com • 517-290-1050
Accounting & Billing: Kim Zenisek • Kim@ZENIndustries.com • 888-415-4822 • Fax: 216-432-3241
ZEN Industries, Inc. • 2340 East 69th Street, Unit #2 • P.O. Box 604394 • Cleveland, OH 44104