



## ZEN Industries shop standards for rectangular duct

BASED ON 3<sup>rd</sup> Edition 2005 SMACNA STANDARDS

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	<b>22 MPT</b>	20	22	22	24
29 - 30"	TDF	22 MPT	20	22	22	24
31 - 36"	TDF	20 MPT	24 MPT	<b>20 MPT</b>	20	22
37 - 42"	TDF	20 MPT/JTR	22 MPT/JTR	<b>20 MPT</b>	<b>20 MPT</b>	20
43 - 48"	TDF	20 MPT/JTR	20 MPT/JTR	<b>20 MPT</b>	<b>20 MPT</b>	<b>20 MPT</b>
49 - 54"	TDF	20 MPT/JTR	20 MPT/JTR	<b>20 MPT</b>	<b>20 MPT</b>	<b>20 MPT</b>
55 - 60"	TDF	20 MPT/JTR	20 MPT/JTR	<b>18 MPT</b>	<b>20 MPT</b>	<b>20 MPT</b>
61 - 72"	TDF	18 MPT/JTR	18 MPT/JTR	<b>18 MPT</b>	<b>18 MPT</b>	<b>18 MPT</b>
73 - 84"	TDF	18 2MPT/JTR	18 2MPT/JTR	<b>18 MPT</b>	<b>18 MPT</b>	<b>18 MPT</b>
85 - 96"	<b>WARD "J"</b>	<b>16 MPT/JTR</b>	<b>18 MPT/JTR</b>	<b>16 JTR</b>	<b>16 JTR</b>	<b>18 JTR</b>
97 - 108"	WARD "J"	<b>16 2MPT/JTR</b>	<b>18 MPT/JTR</b>	<b>16 JTR</b>	<b>16 JTR</b>	<b>18 JTR</b>
109 - 120"	WARD "J"	<b>16 2MPT/2JTR</b>	<b>16 2MPT/2JTR</b>	<b>2MPT/2JTR</b>	<b>16 JTR</b>	<b>18 JTR</b>

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"