

## 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	26	26	26	26	26
11 - 12"	ST-S/D	26	26	26	26	26
13 - 14"	TDF	24	26	26	26	26
15 - 16"	TDF	24	26	26	26	26
17 - 18"	TDF	24	24	26	26	26
19 - 20"	TDF	24	24	26	26	26
21 - 22"	TDF	24	24	26	26	26
23 - 24"	TDF	22	24	24	26	26
25 - 26"	TDF	22	22	24	24	26
27 - 28"	TDF	22	22	24	24	26
29 - 30"	TDF	20	22	24	24	24
31 - 36"	TDF	22 MPT	24 MPT	22	24	24
37 - 42"	TDF	<b>20 MPT</b>	22 MPT	<b>20</b>	<b>20</b>	22
43 - 48"	TDF	20 MPT/JTR	20 MPT	<b>20 MPT</b>	<b>20 MPT</b>	<b>20</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>20 MPT</b>	<b>20 MPT</b>	<b>20 MPT</b>
61 - 72"	TDF	20 2MPT/JTR	20 MPT/JTR	18 JTR	<b>18 MPT</b>	<b>20 MPT</b>
73 - 84"	TDF	18 2MPT/JTR	18 MPT/JTR	18 JTR	JTR	20 JTR
85 - 96"	TDF	18 2MPT/JTR	18 2MPT/JTR	18 JTR	JTR	20 JTR
97 - 108"	WARD "J"	<b>18 MPT/JTR</b>	<b>18 MPT/JTR</b>	<b>18 MPT/JTR</b>	<b>18 JTR</b>	<b>18 JTR</b>
109 - 120"	WARD "J"	<b>18 MPT/JTR</b>	<b>18 MPT/JTR</b>	<b>18 MPT/JTR</b>	<b>18 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"	