



ZEN Industries shop standards for rectangular duct

BASED ON 3rd Edition 2005 SMACNA STANDARDS

TDF - 10" W.G.

MAX. WIDTH	CONNECTOR	DUCT LENGTHS				
		60"	48"	36"	30"	24"
8" - DOWN	ST-S/D	24	26	26	26	26
9 - 10"	ST-S/D	22	24			
11 - 12"	ST-S/D	22	24	26	26	26
13 - 14"	TDF	20	22	24	26	26
15 - 16"	TDF	20	20	24	24	26
17 - 18"	TDF	20	20	24	24	26
19 - 20"	TDF	18	20	22	24	26
21 - 22"	TDF	18	20	22	22	24
23 - 24"	TDF	18	20 JTR	20	22	22
25 - 26"	TDF	18	20 JTR	20	22	22
27 - 28"	TDF	18 JTR	20 JTR	20 JTR	20	22
29 - 30"	TDF	18 JTR	18 JTR	20 JTR	20 JTR	20
31 - 36"	WARD J	20 MPT	18	20	22	22
37 - 42"	WARD J	20 MPT	18	18	20	22
43 - 48"	WARD J	18 MPT	22 JTR	18 JTR	18	22
49 - 54"	WARD J	18 MPT/JTR	20 MPT/JTR	18 JTR	18	20
55 - 60"	WARD J	18 MPT/JTR	20 MPT/JTR	18 JTR	18 JTR	20
61 - 72"	WARD J	18 MPT/JTR	18 MPT/JTR	18 MPT/JTR	16 JTR	18 JTR
73 - 84"	WARD J	16 MPT/JTR	18 MPT/JTR	18 MPT/JTR	16 JTR	18 JTR
85 - 96"	WARD J		16 MPT/JTR	16 MPT/JTR	16 JTR	16 JTR
97 - 108"	WARD J		16 MPT/JTR	16 MPT/JTR	16 MPT/JTR	16 JTR
109 - 120"	WARD J		16 2MPT/2JTR	2MPT/2JTR	16 MPT/JTR	16 JTR

Zen Industries Standards based on the latest SMACNA standards:

galvanized sheets	26 & 24 ga	G-60 LFQ	22 to 18ga	G-90 LFQ
all duct 12" and above will be beaded				
1/2"wg. to 2"wg	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)

MPT= midpoint tie-rod

2x2x1/8" angle =

Duct liner available 1/2" or 1"

ST-S/D = standing slip(22ga) & drive

JTR= joint tie-rods

midpoint reinforcement in lieu of tie-rods

TDF =T-25b roll formed flange