



## ZEN Industries shop standards for rectangular duct

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

### TDF - 2" W.G.

### DUCT LENGTHS

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

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"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"

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