



## 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"