



**ABC Contractor
Anytown, USA**

**ABC
CONTRACTOR
LOGO**

4"		WG STATIC POS OR NEG		SHOP STANDARDS RECTANGULAR DUCT CONSTRUCTION						
DUCT DIMENSION	PANEL GA	JOINTS				TIE RODS			LONG. SEAM TYPE	REMARKS
		TYPE	SIZE	GA	SPACE	TYPE	+ SIZE	- SIZE		
		①	②		③	④	⑤	⑥	⑦	⑧
8" dn	24	T-11/ T-1	1 3/8"	24	5'	NONE	N/A	N/A	L-1	NONE
9, 10"	24	T-11/ T-1	1 3/8"	24	5'	NONE	N/A	N/A	L-1	NONE
11, 12"	24	T-11/ T-1	1 3/8"	22/24	5'	NONE	N/A	N/A	L-1	NONE
13, 14"	24	T-11/ T-1	1 3/8"	22/24	5'	NONE	N/A	N/A	L-1	NONE
15, 16"	24	T-11/ T-1	1 3/8"	22/24	5'	NONE	N/A	N/A	L-1	NONE
17, 18"	24	T-25	1 3/8"	24	5'	NONE	N/A	N/A	L-1	NONE
19, 20"	24	T-25	1 3/8"	24	5'	NONE	N/A	N/A	L-1	NONE
21, 22"	24	T-25	1 3/8"	24	5'	NONE	N/A	N/A	L-1	NONE
23, 24"	22	T-25	1 3/8"	22	5'	NONE	N/A	N/A	L-1	NONE
25, 26"	22	T-25	1 3/8"	22	5'	NONE	N/A	N/A	L-1	NONE
27, 28"	22	T-25	1 3/8"	22	5'	NONE	N/A	N/A	L-1	NONE
29, 30"	20	T-25	1 3/8"	20	5'	NONE	N/A	N/A	L-1	NONE
31-36"	20	T-25	1 3/8"	20	5'	JTR	1/2"	1/2"	L-1	NONE
37-42"	22	T-25	1 3/8"	22	5'	JTR	1/2"	1/2"	L-1	NONE
43-48"	22	T-25	1 3/8"	22	5'	JTR	1/2"	3/4"	L-1	NONE
49-54"	22	T-25	1 3/8"	22	5'	JTR	1/2"	3/4"	L-1	NONE
55-60"	22	T-25	1 3/8"	22	5'	JTR	1/2"	3/4"	L-1	NONE
61-72"	20	T-25	1 3/8"	20	5'	JTR	1/2"	1"	L-1	NONE
73-84"	18	T-25	1 3/8"	18	5'	JTR	1/2"	1 1/4"	L-1	NONE
85-96"	18	T-25	1 3/8"	18	5'	JTR	1/2"	1 1/4"	L-1	NONE
97-108"	18	T-25	1 3/8"	18	5'	JTR	1/2"	1 1/4"	L-1	NONE
109-120"	18	T-25	1 3/8"	18	5'	JTR	1/2"	1 1/4"	L-1	NONE

Notes:

- ① Indicates joint type from Figure 2-1 (i.e., T-1, T-10., etc.) (TDC/TDF may be used).
- ② Indicates joint size.
- ③ Indicates spacing between joints.
- ④ Indicates type of tie rod used.
- ⑤ Indicates the size of tie rod for positive pressure.
- ⑥ Indicates size of tie rod for negative pressure.
- ⑦ Indicates longitudinal seam from Figure 2-2 (IE L-1, L-3, etc.)
- ⑧ Bolded lines indicate application range for midpanel tie rods (MPT) in the 2020 HVAC- DCS.



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4"		WG STATIC POS OR NEG		SHOP STANDARDS RECTANGULAR DUCT CONSTRUCTION		
DUCT DIMENSION	INTERMEDIATE REINFORCEMENTS					REMARKS
		TYPE	+ SIZE	- SIZE	SPACING	
		①	②	③	④	⑤
8 " dn		NONE	NONE	NONE	NONE	N/A
9, 10"		NONE	NONE	NONE	NONE	N/A
11, 12"		NONE	NONE	NONE	NONE	N/A
13, 14"		NONE	NONE	NONE	NONE	N/A
15, 16"		NONE	NONE	NONE	NONE	N/A
17, 18"		NONE	NONE	NONE	NONE	N/A
19, 20"		NONE	NONE	NONE	NONE	N/A
21, 22"		NONE	NONE	NONE	NONE	N/A
23, 24"		NONE	NONE	NONE	NONE	N/A
25, 26"		NONE	NONE	NONE	NONE	N/A
27, 28"		NONE	NONE	NONE	NONE	N/A
29, 30"		NONE	NONE	NONE	NONE	N/A
31-36"		NONE	NONE	NONE	NONE	N/A
37-42"		MPT	1/2" EMT	1/2"	2'-6"	N/A
43-48"		MPT	1/2" EMT	3/4"	2'-6"	N/A
49-54"		2MPT	1/2" EMT	3/4"	2'-6"	N/A
55-60"		2MPT	1/2" EMT	3/4"	2'-6"	N/A
61-72"		2MPT	1/2" EMT	1"	2'-6"	N/A
73-84"		2MPT	1/2" EMT	1 1/4"	2'-6"	N/A
85-96"		2MPT	1/2" EMT	1 1/4"	2'-6"	N/A
97-108"		HRA	2 1/2 X 2 1/2 X 1/4	2 1/2 X 2 1/2 X 1/4	2'-6"	N/A
109-120"		HRA	2 1/2 X 2 1/2 X 1/4	2 1/2 X 2 1/2 X 1/4	2'-6"	N/A

Notes:

- ① Indicates intermediate reinforcement type (A-Angle C Channel) Z-Zee H-Hat Section TR - Tie Rod in stiffener MPT Midpanel Tie Rod.
- ② Indicates size of intermediate stiffener for positive pressure.
- ③ Indicates size of intermediate stiffener for negative pressure.
- ④ Indicates location of intermediate stiffener.
- ⑤ Bolded lines indicate application range for midpanel tie rods (MPT) in the 2020 HVAC-DCS.