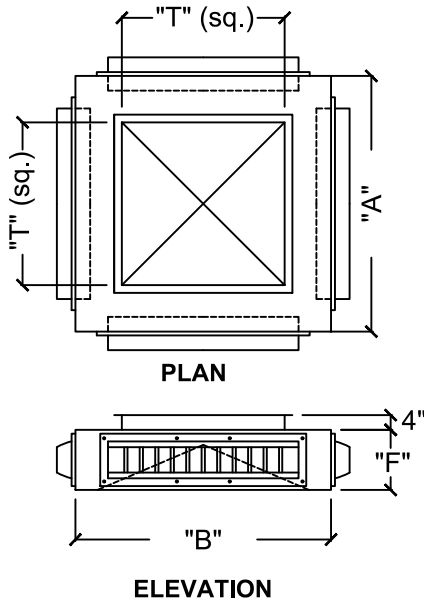


STANDARD FEATURES:

- ☐ *Drum Louvers
- ☐ 1" Ultra Lite Duct Liner
- ☐ 3/8" Nut Insert for mounting
- ☐ TDC Duct Connection
- ☐ G90 Galvanized Steel Construction
Per SMACNA Requirements
- ☐ Turning Vanes

OPTIONS:

- ☐ Powder Coated
- ☐ Omit Turning Vanes
- ☐ Omit insulation

QTY	MODEL #	"T" (sq.)	"A"	"B"	"F"	GRILLE SIZE	TONS	NOMINAL CFM	*THROW	N.C.	VELOCITY PRESSURE in w.g.	TOTAL PRESSURE in w.g. @ zero deflection
	DPD1806-5T, 6T	20"	29"	29"	9"	18" x 6"	5	2000	35-43-61	43	.062	.433
							6	2,400	43-53-74	44	.062	.370
	DPD2406-7.5T, 8.5T	22"	35"	35"	9"	24" x 6"	7.5	3,000	50-61-86	38	.040	.205
							8.5	3,400	56-68-96	40	.045	.210
	DPD2010-10T, 12.5T	24"	34"	34"	13"	20" x 10"	10	4,000	52-65-91	44	.059	.290
							12.5	5,000	52-65-91	44	.059	.290
	DPD2510-13T, 15T	28"	39"	39"	13"	25" x 10"	13	5,200	60-73-101	41	.049	.201
							15	6,000	60-73-101	41	.049	.201
	DPD3012-17.5T, 20 T	30"	45"	45"	15"	30" x 12"	17.5	7,000	65-82-111	41	.037	.162
							20	8,000	71-88-122	41	.041	.170
	DPD4010-25T	36"	54"	54"	13"	40" x 10"	25	10,000	76-93-131	36	.031	.159
	DPD4015-30T	38"	59"	59"	18"	40" x 15"	30	12,000	86-105-149	38	.032	.160
	DPD5015-40T	40"	69"	69"	18"	50" x 15"	40	16,000	88-108-154	40	.031	.159
	DPD6015-50T	48"	85"	85"	18"	60" x 15"	50	20,000	89-110-155	38	.032	.136
	DPD7015-62.5T	50"	89"	89"	18"	70" x 15"	62.5	25,000	113-141-195	45	.042	.120

*Throws based on 150-100-50 FPM terminal velocities with aid of a ceiling.

ISOTHERMAL CONDITIONS @ ZERO DEFLECTION

3 ft. below ceiling reduces throw 10% isothermal
4 ft. below ceiling reduces throw 20% isothermal
no ceiling reduces throw 30% isothermal

cold supply (20°F ΔT) reduces horizontal throw 30% while increasing vertical throw by 30%
warm air (20°F ΔT) increases horizontal throw 30% while reducing vertical throw by 30%

CORRECTION FACTOR

Deflection	15°	30°
NC	+4	+9
Throw	x .85	x .73
Total Pressure	x 1.5	x 1.9

Job Name:	☐ MODEL DPD <i>Drum Louver Plenum Diffuser</i>		
Location:	DRAWN BY: CLJ	DATE: 9-1-99	REV. DATE: 7/29/26
Architect:			
Engineer:			
Contractor:	REV. NO. 18	DWG. NO.: H-1	