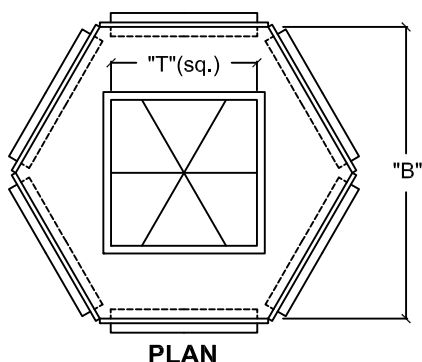

STANDARD FEATURES:

- ☐ *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:

- ☐ Custom Built up to 100,000 cfm
- ☐ Powder Coated
- ☐ "Premium Performance"- 360° rotating drop diffuser (1.5 RPM- Electric motor driven)
(Note: duct connection changes to round-equivalent square)
- ☐ Omit Turning Vanes
- ☐ Omit insulation

QTY.	MODEL #	"T" (sq.)	"B"	"F"	GRILLE SIZE	NOMINAL CFM	TONS	*THROW	N.C.	VELOCITY PRESSURE in w.g.	TOTAL PRESSURE in w.g. @ zero deflection
	DPD6-5T	20"	35"	9"	12" x 6"	2,000	5	29-35-50	38	.050	.384
	DPD6-7.5T	22"	35"	9"	12" x 6"	3,000	7.5	35-43-61	43	.062	.433
	DPD6-10T	24"	47"	9"	18" x 6"	4,000	10	41-50-71	40	.050	.301
	DPD6-12.5T	26"	47"	9"	18" x 6"	5,000	12.5	45-56-78	38	.041	.223
	DPD6-15T	28"	48"	13"	20" x 10"	6,000	15	48-59-82	36	.037	.180
	DPD6-20T	30"	57"	13"	25" x 10"	8,000	20	55-68-96	46	.070	.340
	DPD6-25T	36"	67"	15"	30" x 12"	10,000	25	62-76-108	44	.060	.277
	DPD6-30T	38"	67"	15"	30" x 12"	12,000	30	67-81-115	47	.090	.400
	DPD6-40T	40"	67"	18"	30" x 15"	16,000	40	79-98-139	49	.070	.260

*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:

Location:

Architect:

Engineer:

Contractor:

☐ **MODEL DPD-6 (6-WAY THROW)**

DRAWN BY:
CLJ

DATE:
9-1-99

REV. DATE:
1-30-18

REV. NO.
18

APPROVED BY:
JAS

DWG. NO.:
H-4