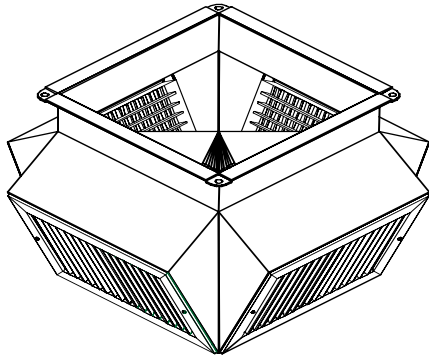


# Plenum Diffuser System



**Adaptable Air Products**

910 Creekside Road, Chattanooga, TN 37406  
 Phone: (423) 698-1003 ~ Fax: (423) 622-4002  
 Toll Free: 1-866-227-4462



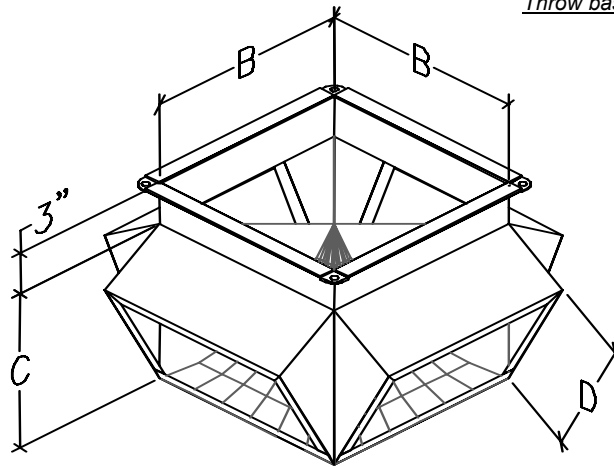
**Model DSFD with Double Deflection Grilles  
4-Way Discharge**

### Features:

- ✓ Double Deflection Grilles for vertical and horizontal air control
- ✓ Turning vane in each quadrant
- ✓ Standard TDC duct connection
- ✓ Galvanized steel construction
- ✓ 1", 1-1/2lb internal insulation
- ✓ Curb and duct packages available

PERFORMANCE DATA										
MODEL	Nominal CFM	0 deg Deflection			22-1/2 deg Deflection			45 deg Deflection		
		Throw	P.D.	NC	Throw	P.D.	NC	Throw	P.D.	NC
DSFD 1408-5	2000	41'	.11	25	33'	.12	26	21'	.17	32
DSFD 1608-6	2400	44'	.12	28	36'	.14	29	23'	.19	35
DSFD 2008-7.5	3000	49'	.13	30	39'	.15	31	25'	.22	37
DSFD 2010-8.5	3400	53'	.10	27	43'	.12	28	27'	.17	34
DSFD 2210-10	4000	58'	.13	33	46'	.15	34	28'	.22	40
DSFD 2410-12.5	5000	63'	.13	33	50'	.15	34	31'	.22	40
DSFD 2810-15	6000	69'	.15	33	55'	.20	34	34'	.29	40
DSFD 3016-20	8000	84'	.11	31	67'	.17	33	42'	.24	38
DSFD 3616-25	10000	90'	.11	32	72'	.13	33	45'	.10	39
DSFD 3618-30	12000	98'	.13	33	78'	.15	31	49'	.21	40

*Throw based on 50FPM Terminal Velocity*



DIMENSIONAL DATA					
MODEL	B	C	D	Grille Size	Weight
DSFD 1408-5	16"	14"	10"	14x8"	33 lbs
DSFD 1608-6	18"	14"	10"	16x8"	36 lbs
DSFD 2008-7.5	22"	14"	10"	20x8"	43 lbs
DSFD 2010-8.5	22"	17"	12"	20x10"	49 lbs
DSFD 2210-10	24"	17"	12"	22x10"	56 lbs
DSFD 2410-12.5	26"	17"	12"	24x10"	65 lbs
DSFD 2810-15	30"	17"	12"	28x10"	71 lbs
DSFD 3016-20	32"	25-1/2"	18"	30x16"	110 lbs
DSFD 3616-25	38"	25-1/2"	18"	36x16"	122 lbs
DSFD 3618-30	38"	28"	20"	36x18"	181 lbs

*Custom sizes available PD-5*