

SELECTION DATA

**LINEAR DIFFUSERS - MODEL LDOW (ONE - WAY DEFLECTION)
SUPPLY AIR**

Width mm	Total Pressure Neck Velocity	.015 400	.024 600	.046 800	.065 1000	.092 1200	.126 1400	.161 1600
75	CFM per foot	28	42	56	70	84	98	112
	Throw Feet / Ceiling	8	12	14	16	18	20	22
	NC	10	16	24	30	34	39	43
100	CFM per foot	52	76	104	130	156	182	208
	Throw Feet / Ceiling	9	14	16	18	20	23	25
	NC	11	18	26	31	36	41	45
125	CFM per Foot	60	90	120	150	180	210	240
	Throw Feet / Ceiling	11	15	18	22	24	26	28
	NC	9	19	27	33	38	42	46
150	CFM per Foot	92	138	184	230	276	322	368
	Throw Feet / Ceiling	15	20	23	26	29	32	36
	NC	13	23	30	34	40	43	48
200	CFM per Foot	112	168	224	280	336	392	448
	Throw Feet / Ceiling	18	24	29	31	34	39	42
	NC	13	26	32	37	42	46	50
250	CFM per Foot	144	216	288	360	432	504	576
	Throw Feet / Ceiling	22	26	31	34	37	40	41
	NC	15	26	34	39	44	48	52
300	CFM per Foot	176	264	352	440	528	616	704
	Throw Feet / Ceiling	23	28	33	36	42	45	48
	NC	15	26	34	40	43	47	51

**LINEAR DIFFUSERS - MODEL LDTW (TWO - WAY DEFLECTION)
SUPPLY AIR**

Width mm	Total Pressure Neck Velocity	.015 400	.024 600	.046 800	.065 1000	.092 1200	.126 1400	.161 1600
150	CFM per Foot	56	84	112	140	168	196	224
	Throw Feet / Ceiling	6	10	12	15	18	20	21
	NC	10	20	27	34	39	42	47
200	CFM per Foot	68	92	136	170	204	238	272
	Throw Feet / Ceiling	9	13	16	19	21	23	25
	NC	14	25	31	37	42	47	50
250	CFM per Foot	92	138	184	230	276	322	368
	Throw Feet / Ceiling	12	16	18	23	25	28	29
	NC	13	24	32	37	42	46	50
300	CFM per Foot	108	162	216	270	324	378	432
	Throw Feet / Ceiling	13	18	23	26	28	30	39
	NC	15	26	34	39	44	48	52

SELECTION DATA
LINEAR DIFFUSERS - MODEL LDOW (ONE - WAY DEFLECTION)
RETURN AIR

Width mm	-ve Static Pressure Velocity (FPM)	.027 400	.043 600	.082 800	.117 1000	.165 1200	.227 1400	.290 1600
75	CFM per foot	28	42	56	70	84	98	112
	NC	10	20	28	34	38	43	47
100	CFM per foot	52	76	104	130	156	182	208
	NC	12	22	30	35	41	45	49
125	CFM per Foot	60	90	120	150	180	210	240
	NC	13	23	31	37	42	46	50
150	CFM per Foot	92	138	184	230	276	322	368
	NC	16	26	34	38	44	47	52
200	CFM per Foot	112	168	224	280	336	392	448
	NC	17	28	36	41	46	50	54
250	CFM per Foot	144	216	288	360	432	504	576
	NC	19	30	38	43	48	52	56
300	CFM per Foot	176	264	352	440	528	616	704
	NC	19	30	38	44	47	51	55

LINEAR DIFFUSERS - MODEL LDTW (TWO - WAY DEFLECTION)
RETURN AIR

Width mm	-ve Static Pressure Velocity (FPM)	.027 400	.043 600	.082 800	.117 1000	.165 1200	.227 1400	.290 1600
150	CFM per Foot	56	84	112	140	168	196	224
	NC	14	24	31	38	43	46	51
200	CFM per Foot	68	92	136	170	204	238	272
	NC	18	29	35	41	46	51	54
250	CFM per Foot	92	138	184	230	276	322	368
	NC	17	28	36	41	46	50	54
300	CFM per Foot	108	162	216	270	324	378	432
	NC	17	22	27	30	32	34	37