



ML-E

ECONOMIC LINEAR CEILING DEFFUSER



Economic linear Deffuser

Linear Slot

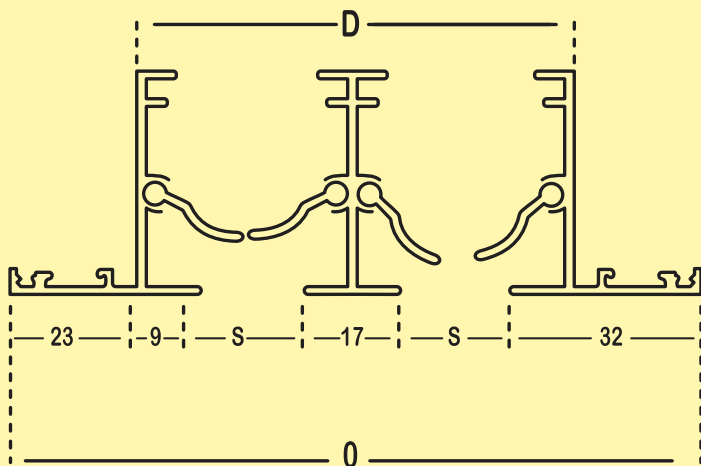
Aluminum
Modulinear



Supply Models:

- ML37- ■ 1/2" Slot
- ML38- ■ 3/4" Slot
- ML39- ■ 1" Slot

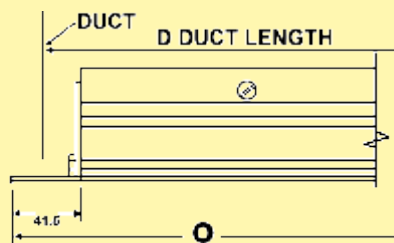
-  modulinear diffusers are designed for variable air volume systems. They project a uniform blanket of air that adheres to the ceiling even at low flow rates.
- Both the direction and volume of the discharge air can be adjusted gradually by moving the pattern controllers (see diagrams below).



- Full 180° pattern controller adjustment means there are no "lefts" or "rights." Specifying, ordering, and installing are simplified.
- Model MLR returns are the same as the Model ML supply diffusers except that the pattern controllers are omitted.
- Choice of borders and mounting frames for various types of installations (diagrams below and on next page).
- Available with one to eight slots.
- Ideal for continuous length applications. Multiple sections are shipped with required alignment strips or pins for field installation.
- Maximum one piece section is 6 ft. Lengths greater than 6 ft. are furnished in multiple sections.
- Optional Model MLF and MLRF diffusers are designed for field cutting to length and are furnished in 6 ft. sections.
- Maximum pattern controller length is 3 ft. Pattern controllers are furnished in multiple sections for a diffuser longer than 3 ft.
- Mounting frames are cut to length and assembled in the field.
- Material is extruded aluminum with steel pattern controllers.
- Optional curving to a 6 ft. minimum radius available for architectural enhancement (fixed blades only).

These Products Include:

- Standard Finish:
26# White border
Black pattern controllers
- Optional Finishes:
Anodized finishes available



Number Of Slots	ML - 37 S = 12.5 mm		ML - 38 S = 18.75 mm		ML - 39 S = 25 mm	
	D mm	O mm	D mm	O mm	D mm	O mm
1	30	76	37	83	43	89
2	60	106	73	119	85	131
3	89	135	109	155	127	173
4	119	165	145	191	169	215
5	148	194	181	227	211	257
6	178	224	217	263	253	299
7	207	253	253	299	295	341
8	237	283	289	335	337	383



LINEAR > Linear ceiling Deffuser

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AIR FLOW	SLOTS	WIDTH	THROW		TOTAL PRESSURE	NC
m3/h.m	.No	(mm)	min	max	(Pt (pa	Nr
100	1	16	3	6.2	16	17
	1	20	2.8	5.6	14	16
	1	25	2.4	4.2	11	14
150	1	16	7	10	40	36
	2	16	5	9.2	11	20
	1	20	4.7	8.5	31	23
	2	20	3.1	7.7	9	15
	1	25	4	7	26	25
	2	25	2.7	6.5	7	15
	2	16	6	12	20	24
200	3	16	4.5	11.2	9	21
	2	20	5	10.4	16	20
	3	20	4.5	9	8	16
	2	25	4	8.6	13	17
	3	25	3	6.5	6	15
	2	16	8	16.2	44	36
	3	16	6.5	15	20	25
300	4	16	5	14.4	12	21
	2	20	6.5	13.5	35	32
	3	20	5.5	12	16	21
	4	20	4.1	11.1	10	16
	2	25	5.5	10	28	29
	3	25	4.8	8.9	13	18
	4	25	3.5	8.1	8	15
	3	16	8.5	18.5	35	33
	4	16	7.9	17.4	20	27
400	5	16	6.2	16.5	15	21
	3	20	7.6	15.4	29	30
	4	20	7	15	18	23
	5	20	5.2	14.5	12	17
	3	25	5.7	12.4	22	26
	4	25	5.4	12	14	20
	5	25	4.5	11	9	15



Economic linear Deffuser

AIR FLOW	SLOTS	WIDTH	THROW		TOTAL PRESSURE	NC
m3/h.m	.No	(mm)	min	max	(Pt (pa	Nr
500	4	16	9.2	20	34	35
	5	16	7.5	19	23	28
	6	16	7	18	16	23
	4	20	8.4	16.5	28	34
	5	20	6.2	16	18	24
	6	20	6	15.5	14	19
	4	25	6.5	13.5	23	28
	5	25	5.7	13	16	21
	6	25	4.2	12.3	10	16
	5	16	10	22	33	35
	6	16	9.5	21.5	23	30
	7	16	7.5	20.5	18	24
600	5	20	9.5	19.5	28	31
	6	20	7.5	17.5	18	23
	7	20	6.5	16.4	14	20
	5	25	7.5	15.5	22	28
	6	25	6.3	14	15	21
	7	25	4.5	13.5	10	13
	7	16	12.3	26	31	32
	8	16	12	24	25	29
	6	20	10.2	18.9	29	32
	7	20	9.6	18	25	29
	8	20	9	17.5	20	25
	6	25	8.7	16.5	26	30
800	7	25	8.5	16.1	20	26
	8	25	7.1	14.5	15	21
	8	16	11.4	21	38	37
	7	20	10	19	39	36
	8	20	9.5	17.6	30	33
	6	25	8.4	15.5	40	37
	7	25	8	15.0	32	33
	8	25	7	13.5	23	30
	7	25	12	23	48	43
	8	25	9.5	19	31	40
	1000	16	11.4	21	38	37
	7	20	10	19	39	36
	8	20	9.5	17.6	30	33
	6	25	8.4	15.5	40	37
	7	25	8	15.0	32	33
	8	25	7	13.5	23	30
1200	7	25	12	23	48	43
	8	25	9.5	19	31	40