



ML/MLF MODULINEAR ALUMINUM DIFFUSERS

ML-38 • 3/4" Slot
ML-39 • 1" Slot

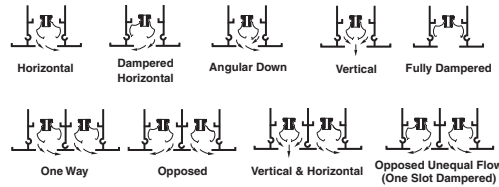
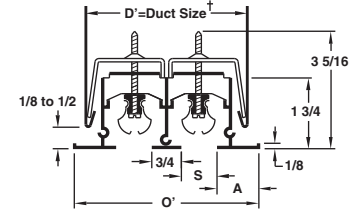
- Titus® modulinear diffusers are designed for variable air volume systems; they project a uniform blanket of air that adheres to the ceiling even at low flow rates
- Both the direction and volume of the discharge air can be adjusted gradually by moving the pattern controllers (see diagrams)
- Full 180° pattern controller adjustment means there are no "lefts" or "rights"; specifying, ordering, and installing are simplified
- Finish: White border, black pattern controllers

BORDER TYPE 2A

- Flange border
concealed mounting



Type	A	O
2A	1 1/8"	D' + 3/4"



Model ML Border Type 2A (fits 4ft. T-bar span)	
ML38	4ft. 1-Slot
ML38	4ft. 2-Slot
ML39	4ft. 1-Slot
ML39	4ft. 2-Slot

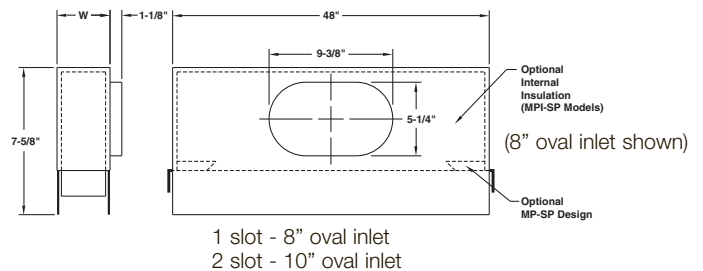
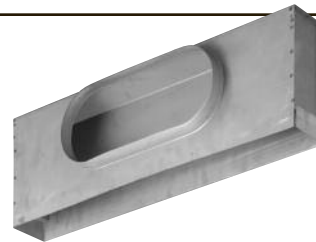
Model MLF Field Cut Length Border Type 2A (includes field spacer kit)	
MLF38	6ft. 1-Slot
MLF38	6ft. 2-Slot
MLF39	6ft. 1-Slot
MLF39	6ft. 2-Slot

Individual End Borders (for hard ceilings)	
MLEB38	Brdr. 1-Slot
MLEB38	Brdr. 2-Slot
MLEB39	Brdr. 1-Slot
MLEB39	Brdr. 2-Slot

Field Spacer Kit (one req'd per cut)	
MLFS38	Kit 1-Slot
MLFS38	Kit 2-Slot
MLFS39	Kit 1-Slot
MLFS39	Kit 2-Slot

MPI MODULINEAR DIFFUSER PLENUMS (INSULATED)

- Fits Models ML, MLF, MLR, and MLRF
- End caps can be turned to allow installing the MPI on continuous runs of ML diffusers
- Can be used as supply or ducted return
- Galvanized steel construction



Model MP Border Type 2A	
MP38	4ft. 1-Slot
MP38	4ft. 2-Slot
MP39	4ft. 1-Slot
MP39	4ft. 2-Slot

ML	W Width	
	Number of Slots	
	1	2
MP38	2 7/16"	3 15/16"
MP39	2 11/16"	4 7/16"

TBD-80

MODEL TBD-80

- Adjustable pattern control
- Steel construction
- Face painted black
- Trim frames available - see page 19



Model	Size	Neck	Slot Width	Type	Width
TBD-80	24	6	1 1/2"	1-Slot	3"
TBD-80	24	8	1 1/2"	1-Slot	3"
TBD-80	36	8	1 1/2"	1-Slot	3"
TBD-80	48	8	1 1/2"	1-Slot	3"
TBD-80	48	10	1 1/2"	1-Slot	3"
TBD-80	48	12	1 1/2"	2-Slot	6"
TBD-80	60	12	1 1/2"	1-Slot	3"

PAS

MODEL PAS

- Adjustable pattern control
- Flush face
- Steel construction
- Border Type 3 - T-bar lay-in
- Finish is #26 white

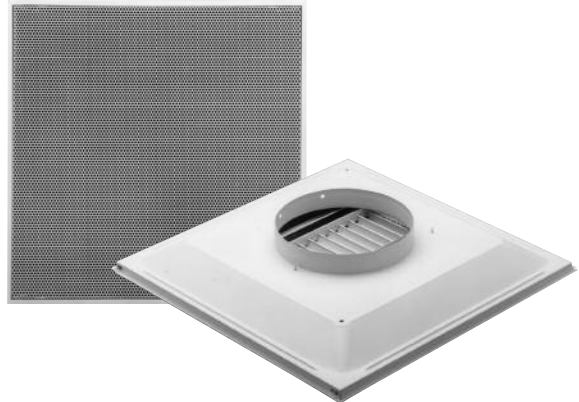


Model	Size	Neck	Type	Border
PAS	12 x 12	6	Supply	3
PAS	20 x 20	6	Supply	3
PAS	20 x 20	8	Supply	3
PAS	20 x 20	10	Supply	3
PAS	20 x 20	12	Supply	3
PAS	20 x 20	14	Supply	3
PAS	24 x 24	6	Supply	3
PAS	24 x 24	8	Supply	3
PAS	24 x 24	10	Supply	3
PAS	24 x 24	12	Supply	3
PAS	24 x 24	14	Supply	3
PAS	24 x 24	16	Supply	3

PCS

MODEL PCS

- Adjustable pattern control
- Flush face
- Steel construction
- 4-way pattern
- Border Type 3 - T-bar lay-in
- Finish is #26 white

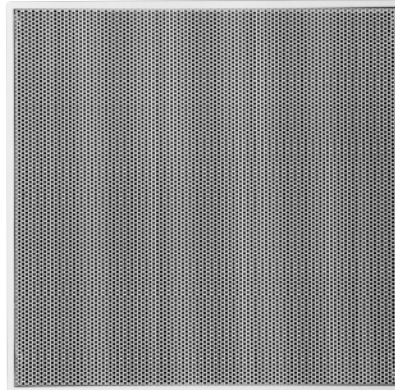


Model	Size	Neck	Type	Border
PCS	12 x 12	6	Supply	3
PCS	24 x 24	6	Supply	3
PCS	24 x 24	8	Supply	3
PCS	24 x 24	10	Supply	3
PCS	24 x 24	12	Supply	3
PCS	24 x 24	14	Supply	3
PCS	24 x 24	16	Supply	3

PAR

MODEL PAR

- Removable face
- Steel construction
- Flush face
- Border Type 3 - T-bar lay-in
- Finish is #26 white

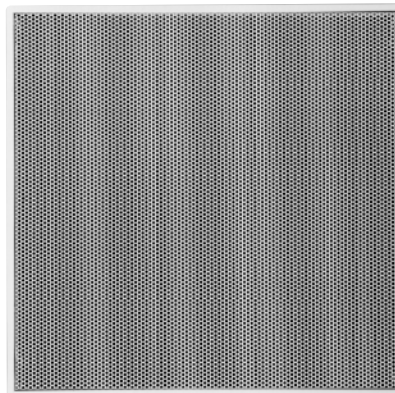


Model	Size	Neck	Type	Border
PAR	12 x 12	10 x 10	Return	3
PAR	20 x 20	18 x 18	Return	3
PAR	24 x 12	22 x 10	Return	3
PAR	24 x 24	22 x 22	Return	3

PXP

MODEL PXP

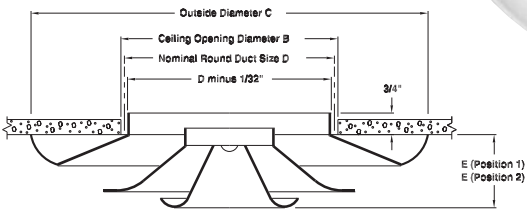
- Non-removable face
- Steel construction
- Flush face
- Border Type 3 - T-bar lay-in
- Return does not include pattern control
- Finish is #26 white



Model	Size	Neck	Type	Border
PXP	20 x 20	—	Return	3
PXP	24 x 12	—	Return	3
PXP	24 x 24	—	Return	3

TMR

ROUND CEILING-TWO HORIZONTAL DISCHARGE PATTERNS



Note:

Position 1 is with cones down.
Position 2 is with cones up.

Nominal Round Duct Size D	B	C	E (Pos. 1)	E (Pos. 2)
6	6 ¹ / ₂	11 ¹ / ₈	1 ³ / ₄	1 ¹ / ₈
8	8 ¹ / ₂	14 ³ / ₄	2 ¹ / ₈	1 ¹ / ₂
10	10 ¹ / ₂	18 ¹ / ₄	2 ⁷ / ₈	2 ¹ / ₈
12	12 ¹ / ₂	22	3 ¹ / ₈	2 ³ / ₈
14	14 ¹ / ₂	26	3 ³ / ₈	2 ⁵ / ₈
16	16 ¹ / ₂	29	4	3 ¹ / ₄

MODEL TMR

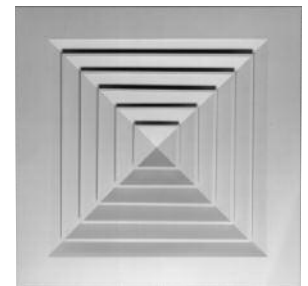
- All sizes have three cones, giving a uniform appearance where different sizes are used in the same area
- The two horizontal discharge settings allow the diffuser to be adjusted for two different flow rate conditions; at Position 1, maximum capacity is obtained; at Position 2, induction is increased
- Retainer cable provided to allow the inner core assembly to hang during maintenance of diffusers with a neck size of 12" or greater
- Material is steel with steel screws
- Standard finish: #26 white

MODEL TDC SQUARE DIFFUSERS • RECTANGULAR NECK

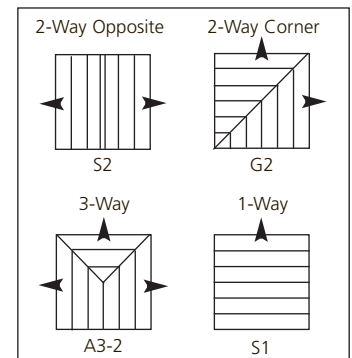
TDC

- Removable core
- Steel construction
- Flush face
- 1, 2, 3 and 4-Way cores stocked. Call for availability.
- Border Type 1 - surface mount
- Border Type 3 - T-bar lay-in
- Border Type 6 - beveled
- Finish is #26 white

Model	Size	Neck	Border	Pattern
TDC	—	6 x 6	1	4-Way
TDC	—	9 x 9	1	4-Way
TDC	—	12 x 12	1	4-Way
TDC	—	15 x 15	1	4-Way
TDC	—	18 x 18	1	4-Way
TDC	24 x 24	6 x 6	3	4-Way
TDC	24 x 24	9 x 9	3	4-Way
TDC	24 x 24	12 x 12	3	4-Way
TDC	24 x 24	15 x 15	3	4-Way
TDC	24 x 24	18 x 18	3	4-Way
TDC	—	6 x 6	6	4-Way
TDC	—	9 x 9	6	4-Way
TDC	—	12 x 12	6	4-Way
TDC	—	15 x 15	6	4-Way
TDC	—	18 x 18	6	4-Way



Standard 4-Way core



All dimensions are in inches.

TMS/ TMSA

MODELS TMS AND TMSA SQUARE DIFFUSERS

- Border Type 3 - T-bar lay-in
- Finish is #26 white
- TRM frame available for surface mount (see pg. 19)



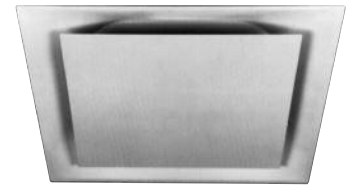
Model	Size	Neck	Border
TMS	12 x 12	6	3
TMS	12 x 12	8	3
TMS	20 x 20	8	3
TMS	20 x 20	10	3
TMS	24 x 24	6	3
TMS	24 x 24	8	3
TMS	24 x 24	10	3
TMS	24 x 24	12	3
TMS	24 x 24	14	3
TMS	24 x 24	15	3

Model	Size	Neck	Border
TMSA	12 x 12	6	3
TMSA	12 x 12	8	3
TMSA	24 x 24	6	3
TMSA	24 x 24	8	3
TMSA	24 x 24	10	3
TMSA	24 x 24	12	3
TMSA	24 x 24	14	3
TMSA	24 x 24	15	3

OMNI

MODEL OMNI ARCHITECTURAL DIFFUSERS

- Border Type 3 - T-bar lay-in
- Finish is #26 white
- TRM frame available for surface mount (see pg. 19)

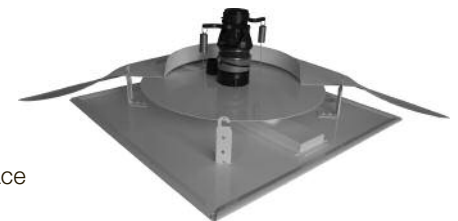


Model	Size	Neck	Border
OMNI	12 x 12	6	3
OMNI	12 x 12	8	3
OMNI	24 x 24	6	3
OMNI	24 x 24	8	3
OMNI	24 x 24	10	3
OMNI	24 x 24	12	3
OMNI	24 x 24	14	3
OMNI	24 x 24	15	3

T3SQ

MODEL T3SQ THERMAL VAV DIFFUSER

- Thermally powered, no power supply required
- Varies air volume to space based upon supply air temperature, cooling/heating setpoint, and room temperature setpoint
- Measures room temperature at diffuser, no wall thermostat required
- Adjustable minimum airflow
- Border Type 3- T-bar lay-in
- Finish is #26 White
- TRM frame available for surface mount (see pg. 19)



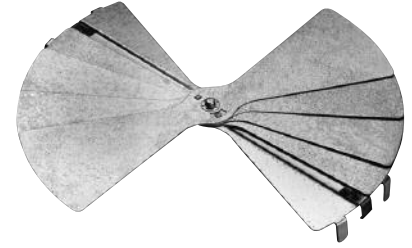
Model	Size	Neck	Border
T3SQ	24 x 24	8	3
T3SQ	24 x 24	10	3
T3SQ	24 x 24	12	3

D-100

**MODEL D-100
ROUND DAMPERS**

- Diffuser mounting
- Radial steel construction

Model	Size
D-100	6
D-100	8
D-100	10
D-100	12
D-100	14



D-75

**MODEL D-75
ROUND DAMPERS**

- Neck mounting
- Opposed blade
- Steel construction

Model	Size
D-75	6
D-75	8
D-75	10
D-75	12



AG-95

**MODEL AG-95
SQUARE AND
RECTANGULAR
DAMPERS**

- Diffuser mounting
- Opposed blade
- Steel construction

Model	Size
AG-95	6 x 6
AG-95	9 x 9
AG-95	12 x 12
AG-95	15 x 15
AG-95	18 x 18



TRM

**MODEL TRM
RAPID MOUNT FRAME**

- Aluminum construction
- Finish is #26 white
- For adapting lay-in diffusers to hard ceilings

Model	Module Size
TRM	12 x 12
TRM	17 7/8 x 17 7/8
TRM	20 x 20
TRM	24 x 12
TRM	24 x 24
TRM	48 x 24
TRM	24 x 3
TRM	36 x 3
TRM	48 X 3

