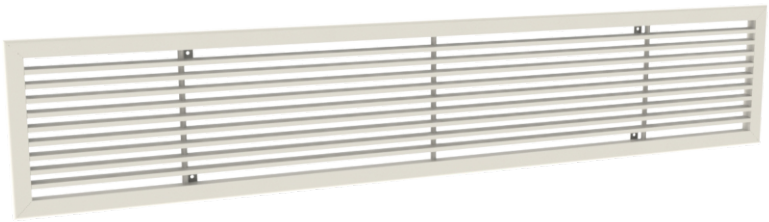
GLENSTORMS

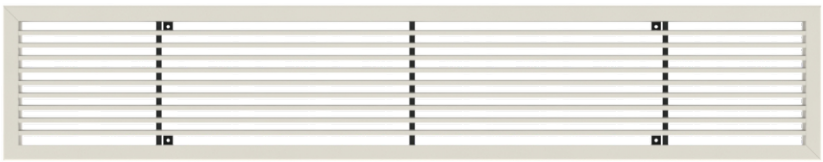
Linear Grille

Model : GL 15

Introduction

Duly powder coated extruded aluminium linear horizontal fixed bar grilles, with 15 deg. or 0 degree deflection blade having pitch of 13 mm and 16 mm. Recommended for heating, cooling, and ventilating applications.Typically installed in a sidewall, ceiling or duct.





Duly powder coated extruded aluminium linear horizontal fixed bar grills with black spacers.

Product Features:

Single deflection supply grilles comes in extruded aluminium frame & extruded aluminium Single set of horizontal or vertical blades.

Options:

- Available with Aluminium or GI collar dampers.
- Available with removable core.
- 304 or 316 stainless steel construction is available.
- Available in black vertical spacers.
- Available with or without end flanges.
- Also available louver thickness 2.0 mm.
- Also available in continuous curvature and variety of fixing options.

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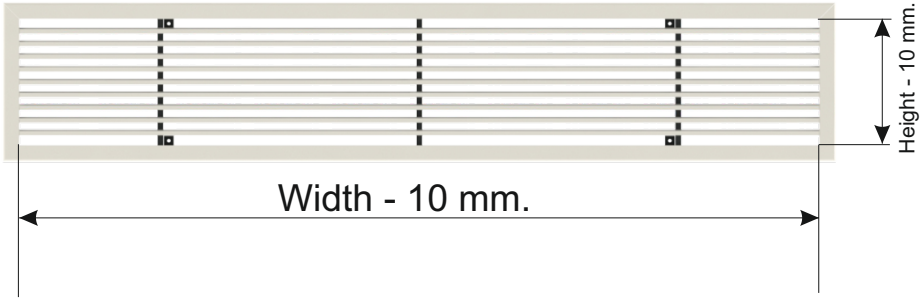
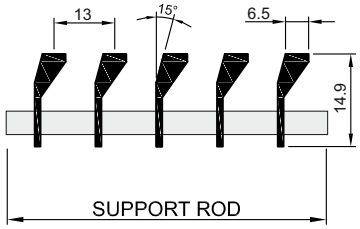
Dimensional Data and Construction:

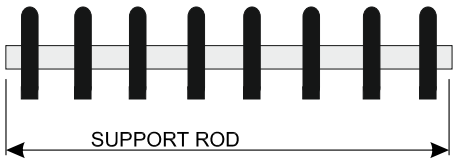


Blade Deflection:

15° Deflection

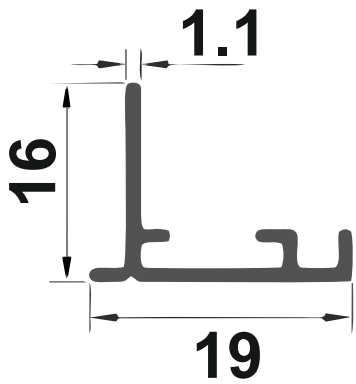


0° Deflection

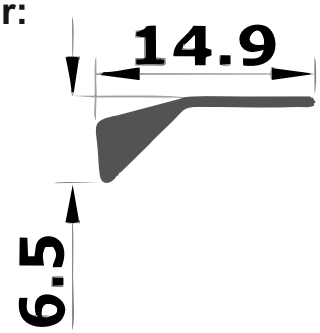


Dimension:

Frame:



Louver:



- All Dimensions are in mm.

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Selection Chart

L X H (mm)		Q(CFM)																					
		59		118		178		236		354		471		589		883		1178		1472		1766	
300 X 75	200 X 100	-	6.56	24	14.76																	L_W	T
		590.6	6	1161.4	24																	V_o	P_d
400 X 75	300 X 100	-	4.92	15	12.80	28	18.70																
200 X 150		413.4	3.3	846.5	14	1338.6	30																
600 X 75	400 X 100			-	9.51	15	15.09	25	19.69														
300 X 150	200 X 200			551.2	5	787.4	11	1122.0	24														
800 X 75	500 X 100			-	9.19	15	13.12	20	18.05	30	27.89												
				433.1	3	649.6	8	885.8	15	1240.2	28												
1000 X 75	600 X 100					-	13.12	15	16.08	25	22.97	32	31.17										
400 X 150	300 X 200					492.1	4.4	629.9	8	984.3	17	1338.6	33										
1200 X 75	800 X 100							15	14.76	21	21.33	27	29.53										
500 X 150	400 X 400							551.2	5	787.4	11	1082.7	20										
1000 X 100	600 X 150							-	12.14	15	19.03	24	28.54	29	29.53								
500 X 200	300 X 300							433.1	3.2	669.3	10	885.8	15	1122.0	24								
1200 X 100	800 X 150									-	16.41	18	22.97	24	29.53								
600 X 200	400 X 300									492.1	4.4	669.3	8	807.1	12								
1000 X 150	800 X 200									-	14.76	-	18.70	15	22.97	27	35.43						
500 X 300	400 X 400									334.6	2	492.1	4.4	610.2	7	925.2	15						
1200 X 150	1000 X 200													-	21.98	22	29.53	29	42.65				
600 X 300	500 X 400													492.1	4.4	728.3	9.2	964.6	16				
1200 X 200	800 X 200													-	19.36	18	28.87	26	37.73	31	45.93		
600 X 400														393.7	2.8	590.6	6	787.4	11	984.3	17		
1000 X 300	800 X 400															-	25.59	18	32.81	25	42.65	30	49.22
																472.4	3.7	590.6	6	748.0	10	949.9	16
1200 X 300	1000 X 400	L_W	T															-	29.20	18	36.42	24	42.65
		V_o	P_d															452.8	3	551.2	5.2	767.7	9

Q_V(CFM) = air quantity in ft^3/m L_W = NR value in dBA, T = Throw in feet , Vo = outlet velocity in FPM , P_d = Pressure drop in pa