

Ventilation grille V3

DESCRIPTION OF THE MATERIAL

Aluminum is a malleable, silver-colored metal that is notable for its resistance to oxidation and low density. This resistance to corrosion and its remarkable lightness have made it a widely used material in industry. Aluminum can be recycled indefinitely, making it one of the most recycled metals in the world.



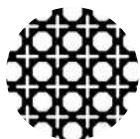
GENERAL CHARACTERISTICS

- Mounted in the collar, with no visible screw holes
- Removable core for easy installation and maintenance
- Extruded aluminum construction and mechanical mounting

Linear bar ventilation grilles are ideal for supplying heated, ventilated, or cooled air, as well as for returning or exhausting ambient air. The V3 grille stands out for its sleek design, high durability, ease of installation, and easy access to ducts for cleaning and maintenance. These grilles feature a concealed fastening system with no visible screws for a clean look. The frame is secured with screws hidden in the collar, while the removable core is held securely in place by sturdy spring clips, eliminating any risk of vibration or rattling.

The grilles offer reliable performance, capable of handling temperature differences of up to 25°F (14°C), with low targeted air displacement of 35 fpm (0.18 m/s AND 10.7 m/min) in occupied areas. They operate efficiently with air loads of 1 to 2.5 CFM (0.47 to 1.18 L/s ET 28 to 71 m³/h), while maintaining a noise level between NC 25 and NC 35 (25 to 35 dB(A)).

PATTERNS – TECHNICAL PROPERTIES



Rattan

- Estimated free area : 63.5%
- CFM air intake (return) : 44 to 71 CFM
- CFM air outlet (blowing) : 71 to 106 CFM



Morocco

- Estimated free area : 64.6 %
- CFM air intake (return) : 45 to 72 CFM
- CFM air outlet (blowing) : 72 to 108 CFM



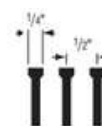
Chevron

- Estimated free area : 66.1%
- CFM air intake (return) : 46 to 73 CFM
- CFM air outlet (blowing) : 73 to 110 CFM



Linear

- Estimated free area : 77.3%
- CFM air intake (return) : 54 to 86 CFM
- CFM air outlet (blowing) : 86 to 129 CFM



TECHNICAL PROPERTIES

Patterns	Dimensions (Inches)	Free surface area (%)	CFM at 250 ft/min	CFM at 400 ft/min	CFM at 600 ft/min
Rattan	10 x 4	63.5	44	71	106
	12 x 6	63.5	79	127	190
	20 x 10	63.5	220	353	539
	14 x 14	63.5	216	346	519
	16 x 16	63.5	282	452	677
Chevron	10 x 4	66.1	46	73	110
	12 x 6	66.1	83	132	198
	20 x 10	66.1	230	367	551
	14 x 14	66.1	225	360	540
	16 x 16	66.1	294	470	705
Morocco	10 x 4	64.6	45	72	108
	12 x 6	64.6	81	129	194
	20 x 10	64.6	224	359	538
	14 x 14	64.6	220	352	528
	16 x 16	64.6	287	459	689
Linear	10 x 4	77.3	54	86	129
	12 x 6	77.3	97	155	232
	20 x 10	77.3	268	429	644
	14 x 14	77.3	263	421	631
	16 x 16	77.3	344	550	825

HOW TO ORDER

To order a product, please email info@boreart.ca using the following template to ensure maximum accuracy.

The first two characters are the model code, followed by the pattern code; next come the desired dimensions, and the last letters indicate the color.

Note that the dimensions correspond to the hole opening.

V3_MO_10"x4"_W

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Model Pattern Dimensions Color

Model	Pattern	Dimensions	Color
V3	Rattan : RA	10"x4"	Black : BL
	Linear : LI	12"x6"	White : W
	Morocco : MO	20"x10"	
	Chevron : CH	14"x14"	

*As they are custom-made, our ventilation grilles are also available in other sizes to meet more specific needs. For any custom orders, please contact us by email or phone.