

ECOFILL™ VBF

High-Efficiency PVC Velocity controllers for Industrial Cooling Towers.

ECOFILL™VBF is a precision-engineered PVC sheet fill media designed for use as drift Eliminators /or velocity controllers. It provides excellent drip water collective efficiency, low air pressure drop, and long-term structural stability.

Key Engineering features.

Advanced Structural bond geometry for optimized water dripping effect & control the air velocity.

Continuous flute spacing to minimize clogging and scaling.

Structural Rod bonding nodes ensuring high structural rigidity and easy customization.

Lower density & High surface finish.

Customizable height from 20 mm to 600 mm, using multi-layer configuration also possible as per the application.

High resistance to acidic and alkaline water conditions.

Technical Specifications.

Parameter	Specification
Material	Virgin PVC (Special Blend)
Fill Type	Blade Sheet
Flute Size	12 mm / 19 mm / 28 mm / 40 mm
Flute Angle	Variable (Type "C", "M" "W" "V")
Surface Area	7.1 m ² /m ² to 11.9 m ² / m ²
Density	3.41 kg/m ²
Water collection factor	0.79 (Max. bypass through)
Optimal L/G Ratio	0.14 – 0.19 ($\lambda = 0.16$)
Operating Temperature	55°C (Max)
Air Pressure Drop	03 – 6.5 Pa/m
Allowable water TSS	25–100 ppm
Allowable water TDS	1000 – 3000 ppm
Block Length	Up to 1200 mm (Custom)
Block Width	Up to 180 mm (Custom)
Block Height(s)	Up to 600 mm
Maximum Height	Up to 1800 mm
Minimum Service Life	10 Years



Advantage.

Reduce the Air fan motor load due to less air requirement.

No deformation, long-term durability.

Clean easily to remove fouling & clogging particles.

Protect the Main Fill pack to act as a cover shell.

Low price point than conventional drift eliminator sheets.

100% accurate measurement as per customer requirement.

ECOFILL™VBF Key Reasons to consider.

Industrial Standard Product, sales more than 07 Countries.

High Performance, even many conditions.

Light Weight, Reduce Structural loads.

Cost Effective, Durable.

Easy to Install, easy to clean.



ECOFILL™VBF is an ideal choice for all types of cooling towers.

- ❖ Precision Engineered Product.
- ❖ Strength, lightweight.
- ❖ Extra-long durability.
- ❖ Technical & after sales support.

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