

ECOFILL™ VCF

High-Efficiency PVC Drift Eliminator + Main fill protector for Industrial Cooling Towers.

ECOFILL™VCF is a precision-engineered PVC film fill media designed for use as drift Eliminator + Main fill protector. It provides excellent heat resistance, low air pressure drop, and long-term structural stability.

Key Engineering features.

Advanced bond surface geometry for optimized water dripping effect.
Continuous flute spacing to minimize clogging and scaling.
100 Nos /m2 glue bonding nodes ensuring high structural rigidity and easy customization.
Lower density & High surface finish.
Fixed height 50 mm, Length can be cut to suit up to 1200 mm length & 415 mm width.
High resistance to acidic and alkaline water conditions.

Technical Specifications.

Parameter	Specification
Material	Virgin PVC (Special Blend)
Fill Type	Honeycomb fill
Flute Size	15 mm
Flute Angle	Variable (Type "C" or Type "V")
Surface Area	11.9 m²/m²
Density	1.12 kg/m²
Water collection factor	0.63 (Max. bypass through)
Optimal L/G Ratio	0.14 – 0.19 ($\lambda = 0.16$)
Operating Temperature	95°C (Max)
Air Pressure Drop	04 – 07 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 415 mm (Custom)
Block Height(s)	50 mm (Fixed)
Maximum Height	Up to 100 mm with Double Layer
Minimum Service Life	03 Years



Advantage.

Reduce the Air fan motor load due to less air requirement.
No deformation, long-term durability. (Supporting frame required)
Protect main fill media from erosion, scaling & high heat.
Protect the Main Fill pack to act as a cover shell.
Lowest price point than conventional drift eliminator sheets.
100% accurate measurement as per customer requirement.

ECOFILL™VCF 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™VCF is an ideal choice for all types of cooling towers as main fill protector.

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

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