

#### 5633 N. 52<sup>ND</sup> Ave Glendale, AZ 85301



#### Thank you for visiting www.universaltowerparts.com

Universal Tower Parts in a manufacturer and direct supplier of replacement cooling tower components. We specialize in providing fast accurate quotations for PVC and Mechanical Components for most Makes and Models of Package Cooling Towers.

Universal is a unique supplier; we are a stocking distributor and manufacturer.

#### **Provide us with:**

- ☐ Make, Model and Serial Numbers.
- ☐ Tell us which components you need.

Our office staff will send you a quotation for the materials and estimated shipping to your destination.

#### **Visit our Online Store**

Our online store offers and easy/fast way to order some of the parts we offer <a href="https://www.coolingtowerpartsonline.com">www.coolingtowerpartsonline.com</a>

#### **NOZZLEKING**

Universal Tower Parts acquired Nozzle King, same large inventory of Nozzles and Pipe Grommets.





### **Primary Contact Information**

Universal Tower Parts 5633 N. 52<sup>nd</sup> Ave. Glendale, AZ 85301 (602) 997-0403

Kevin Uilkie - Owner kevin@universaltowerparts.com

lucas@universaltowerparts.com Lucas Uilkie – Sales

john@universaltowerparts.com John Knihnisky – Sales

#### **NOZZLE KING**

Universal Tower Parts acquired Nozzle King, same large inventory of Nozzles and Pipe Grommets.

Fill Media Kits
Drift Eliminators
Heavy Duty Drift Eliminators
Air Inlet Louvers
Float Assemblies
Aluminum Fans
Sheaves
Fan Shafts
Pillow Block Bearings
Fan Belts
Vibration Controls
Motors
Pump/Motor Combo
Immersion Heaters
Nozzles
Pipe Grommets
Tower Shield Coating
Evaporative Cooler Media Packs

# UNIVERSAL TOWER PARTS

**Electronic** Water Level Controls

#### When You Need it

#### NOW!

Large Inventory

IN STOCK

#### Float Assemblies

- 💶 Float Valves.
- 2 Pan Floats
- 3 Ball Floats
- Valve Repair Kits
- 5 SS Rods and Armatures
- 6 Double Arm and Single Arm Assemblies
- 7 Electronic Water Level Controls

Call 602-997-0403

www.universaltowerparts.com

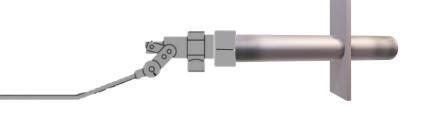
Compete supplier of Cooling Tower Components.
Fill Media, Drift Eliminators, Louvers, Float Assemblies,
Nozzles, Grommets, Fans, Sheaves, Bearings, Belts,
Vibration Control and more.

# Cooling Tower Float Assemblies

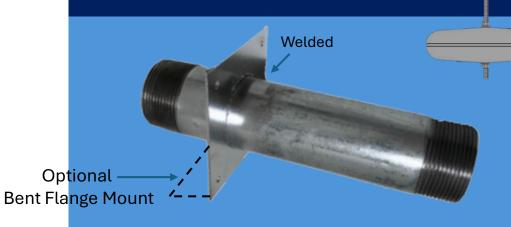




# Float Repair Parts



# Float Repair Kits







Nipple w/Flange Kit

All sizes and configurations

Float Valve float arm Adapter

For ½" -2" Bob Floats

**BOB** valve Repair Kits





3000 \* Simple Fill- On/Off

5000 \* Fill-On/Off, Low Alarm

6000 \* Fill-On/Off, High Alarm & Low and Low-Low Critical Alarm

6540 A/B/D \* Duplex Control with High & Low Alarm

#### Inside or Outside Mount





# UNIVERSAL TOWER PARTS

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Let's Break the Ice

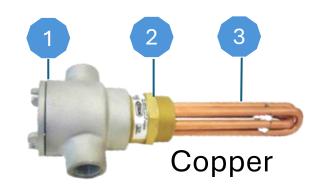
#### **Copper Sheathed Elements**

- Explosion Proof Casing
- 2 2 Brass Screw Plug Fitting
- 3 Copper Sheathed Heating Elements
  304 Stainless Steel Elements
- Explosion Proof Casing
- 2" 304 SS Screw Plug Fitting
- 304 SS Sheathed Heating Elements
  Control Panels
- ▲ 870 series, two options available. Simple on/off Control
- ▲ 870 SCR Series Controls Entire Heat Load Directly, Varying Output 0-100%

Call 602-997-0403

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# Cooling Tower IMMERSION / BASIN HEATERS

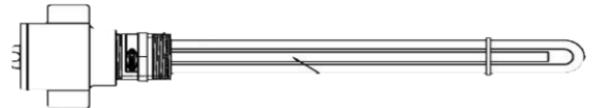








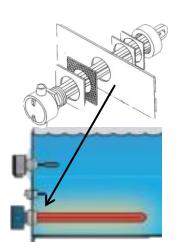




\_\_\_KW \_

VOLTS







Aluminum Cooling Tower Fans



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#### Other Available Items:



Ш	Fill Kits	Fans	Belts
	<b>Drift Eliminators</b>	Shafts	Nozzles
	Air Inlet Louvers	Bearings	Grommets
	Float Assemblies	Sheaves	<b>End Caps</b>



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OOLING

Member

ECHNOLOGY



Fans

■ Sheaves

Shafts

Bearings

Belts

Nozzles

Grommets

**End Caps** 

Fill Kits

**Drift Eliminators** 

Air Inlet Louvers

Float Assemblies



## **Cooling Tower Fan Belts**

High quality transmission belts

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F A N

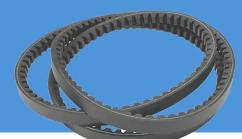
B E L T S

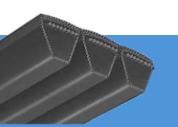
- Power Banded Belts
- → V-Belts
- Cogged Belts
- ☐ Associated Item(s) Available











Banded





Call Us or Buy Online



# Cooling Tower Pumps / Motors

### Pump / Motor Combination

Eisa Close Coupled Centrifugal Vertical Pump with Mechanical Seal. Totally Enclosed Motor includes protective Canopy Cover for Outdoor Protection.

#### Weg Fan Motors

TEFC, Totally Enclosed, Inverter Duty, Sealed Ball Bearing Type Motors. Premium Efficient Class F Insulated, 1.15 Service Factor, Inverter Rated Per NEMA MG1





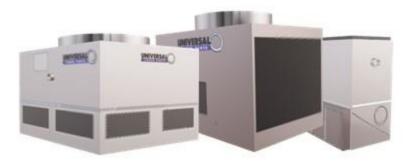
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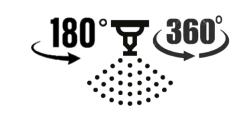
Compete supplier of Cooling Tower Components.

Fill Media, Drift Eliminators, Louvers, Float Assemblies, Nozzles, Grommets, Fans, Sheaves, Bearings, Belts, Vibration Control and more.

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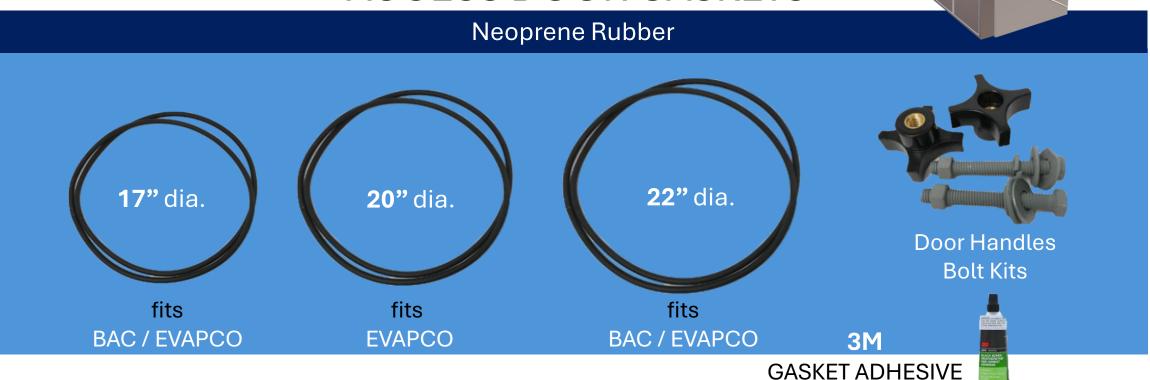




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# **ACCESS DOOR GASKETS**





# TOWER SHIELD COATING



- NO VOC coating
- Apply with BRUSH and ROLLER
- SHORT CURE-TIME
- PRE-MEASURED MIX





EVAPORATIVE COOLERS

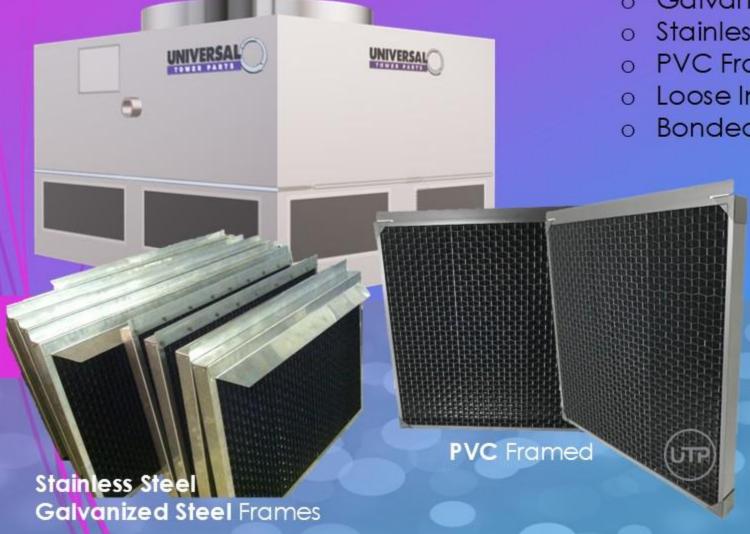


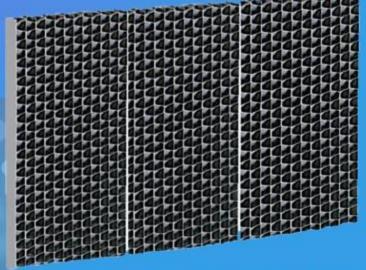




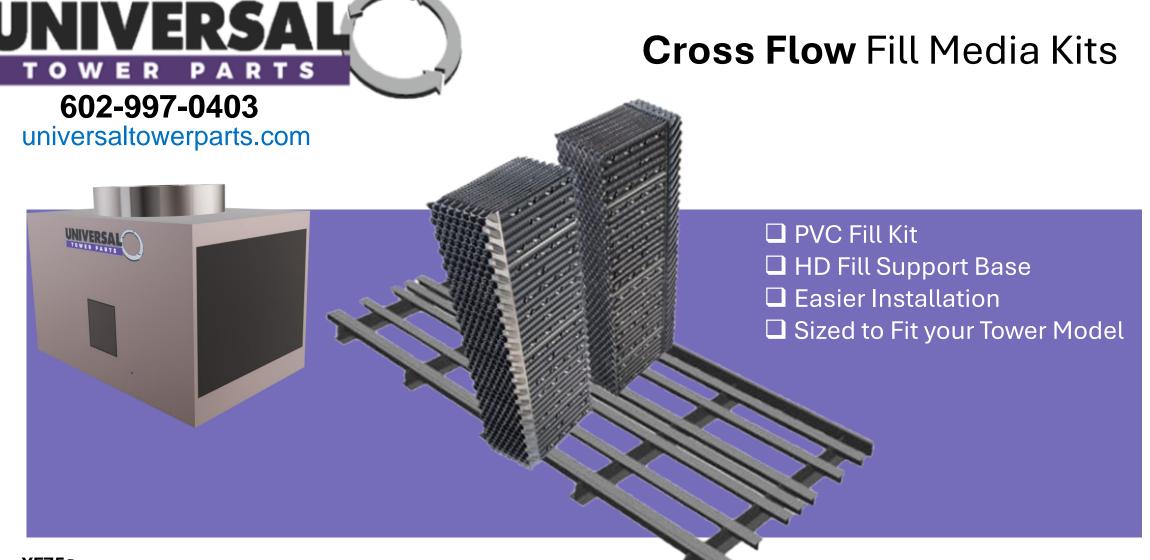
# Cooling Tower Air Inlet Louvers

- Galvanized Framed
- Stainless Steel Framed
- **PVC Framed**
- Loose Insert Material
- Bonded, 1-piece Units to Fit Existing Frames



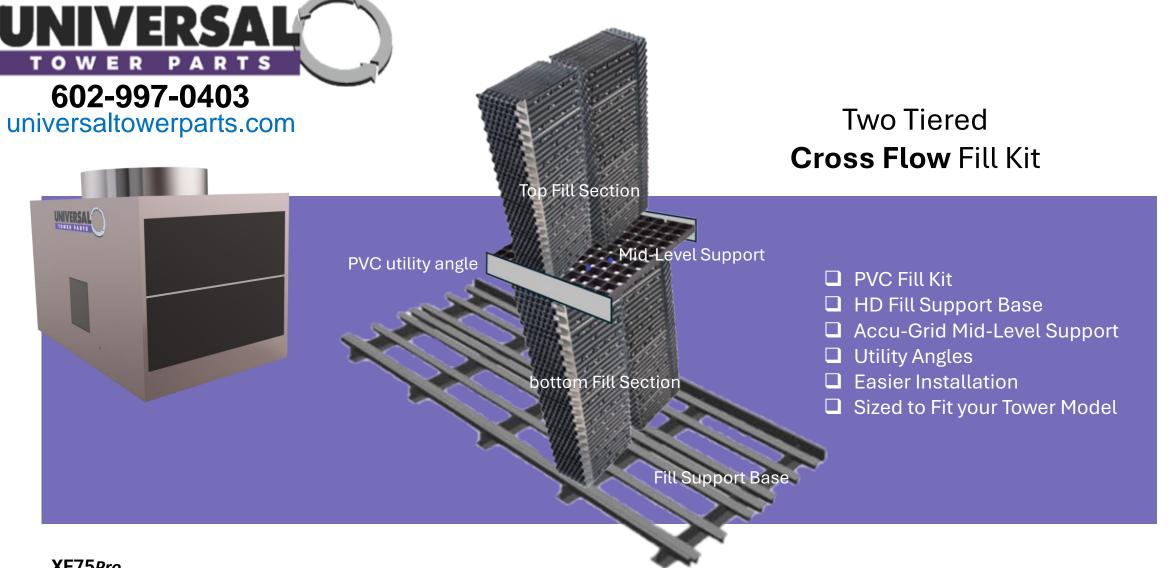


One Piece, Bonded Insert Units To Fit Existing Frames



#### XF75Pro

XF75 Crossflow fill improves air and water management over first-generation crossflow film fills, enhancing thermal performance by up to 10%. A new flute structure reduces pressure drop to improve thermal capability, and the enhanced structural design provides increased vertical pack strength, allowing for optimum product weight-to-height ratios. Herringbone fills with integrated inlet louvers (XF75 IL) and drift eliminators (XF75 ID) complete this efficient, high-performance, crossflow



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# Cooling Tower Fill Support Base





#### **Benefits**

- Bottom-supported systems provide durability & ease of installation
- Variety of sizes & configurations to fit each tower
- Maximum weight distribution over increased surface area
- No hardware required
- Elevates Fill Media 5" above the basin floors providing flow-thru performance & easy cleaning
- Extruded Heavy Duty Construction, Pre-Cut snap together assembly



# Cooling Tower Fill Support Base

Phase 2 Economical Strength and Durability



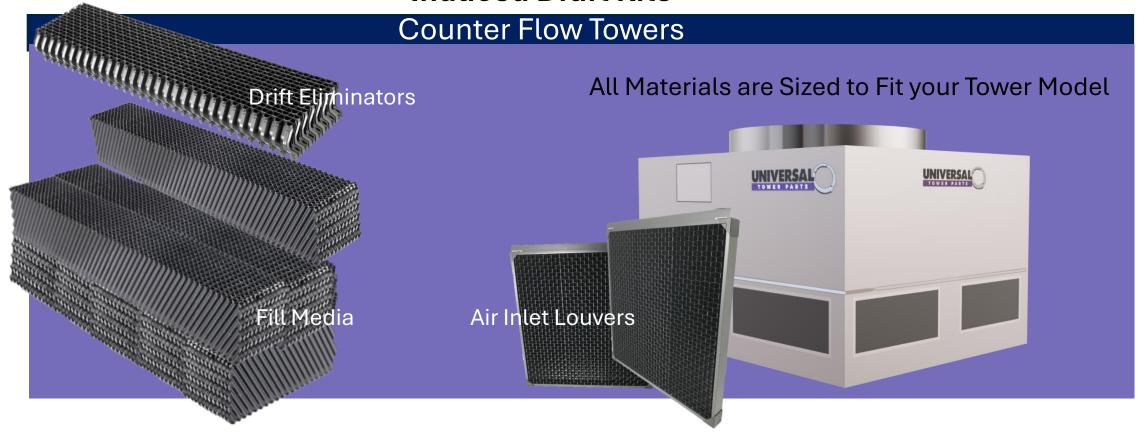
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- Maximum weight distribution over increased surface area
- No hardware required
- Elevates Fill Media 5" above the basin floors providing flow-thru performance & easy cleaning
- Molded Heavy Duty Construction, Pre-Cut drop-in assembly



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#### **Induced Draft Kits**



#### Thermal Components

Cross-fluted designs provide high thermal performance and have alternating fill sheets, allowing for excellent lateral water dispersion. High thermal performance is achieved by utilizing the engineered microstructure design and maintaining the highest manufacturing standards



#### **Forced Draft Kits**

**Counter Flow Towers** 



#### All Materials are Sized to Fit your Tower Model

Thermal Components

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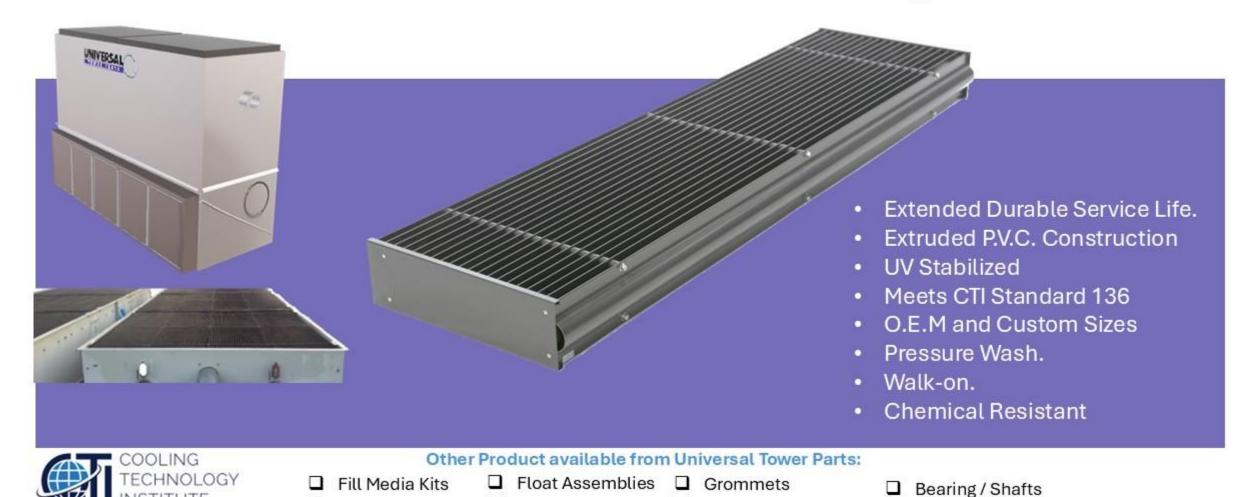
# **Heavy Duty Drift Eliminators**

- Cooling Towers
- Evaporative Condensers
- □ Fluid Coolers

■ Tower Shield Coating

Fans

■ Industrial Refrigeration



■ Spray Nozzles

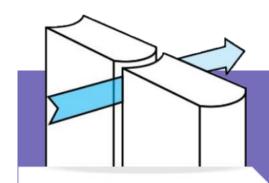
Air Inlet Louvers



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# CF-80 Cellular Drift Eliminators





#### **Nesting Design**

Drift eliminator modules nest with adjoining modules, eliminating gaps between packs and providing seamless drift removal.



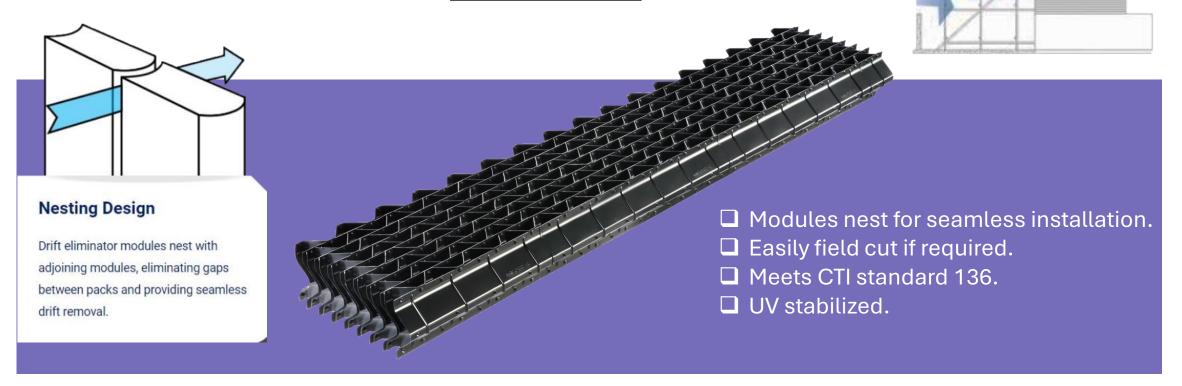
- ☐ Easily field cut if required.
- ☐ Meets CTI standard 136.
- ☐ UV stabilized.

The industry-standard CF80 offers **drift loss of 0.0005%.** It eliminates the need for double layers to achieve high drift removal efficiency and features beveled drainage tips to reduce pressure drop by up to 25%.



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# CF-150 Cellular Counter Flow Drift Eliminators



The industry-standard CF150 offers **drift loss of 0.0001%.** It eliminates the need for double layers to achieve high drift removal efficiency and features beveled drainage tips to reduce pressure drop.



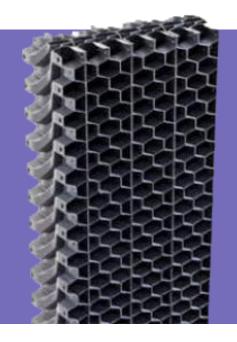
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# Nesting Design

Drift eliminator modules nest with adjoining modules, eliminating gaps between packs and providing seamless drift removal.



- ☐ High Efficiency / Low Drift Rate
- ☐ Modules nest for seamless installation.
- ☐ Cut to fit your application
- ☐ Easily field cut if required.
- ☐ Meets CTI standard 136.
- UV stabilized.

The industry-standard **XF80** offers **drift loss of 0.0005%.** It eliminates the need for double layers to achieve high drift removal efficiency and features beveled drainage tips to reduce pressure drop by up to 25%.



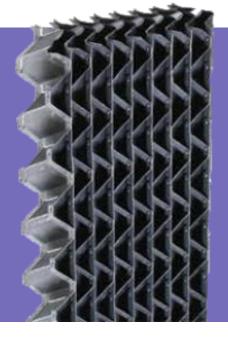
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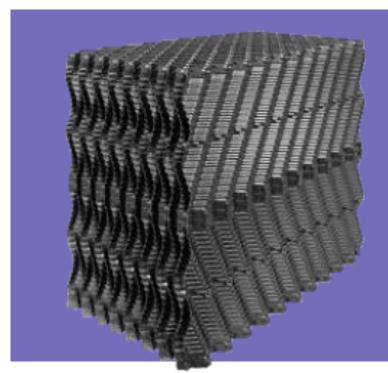
The industry-standard **XF150** offers **drift loss of 0.0001%.** It eliminates the need for double layers to achieve high drift removal efficiency and features beveled drainage tips to reduce pressure drop.



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# ThermaCross Counter Flow **Fill Media** Kits





- ☐ Balances Thermal Performance and Pressure Drop better than existing Fill Media.
- ☐ Micro Boost Design
- ☐ Less Clogging than existing Fill Media
- HVAC, District Cooling and Treated Industrial Process Applications
  Efficiency

Fouling Resistance

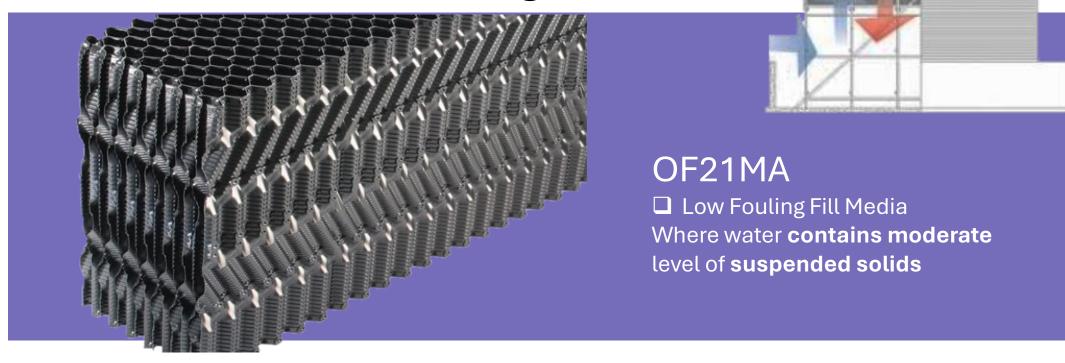
**ThermaCross** is a *drop-in upgrade* for standard 19mm-spaced, cross-fluted fills. When engineering the product, patented MicroBoost™ design to maximize the air-water interface for increased thermal capacity and utilized a more vertical macrostructure for improved fouling resistance.

These design features enable **ThermaCross** to perform up to **7% better** than standard 19mm-spaced products, even matching the performance of 12mm-spaced high efficiency fills at higher fill heights



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Low Fouling Fill Media

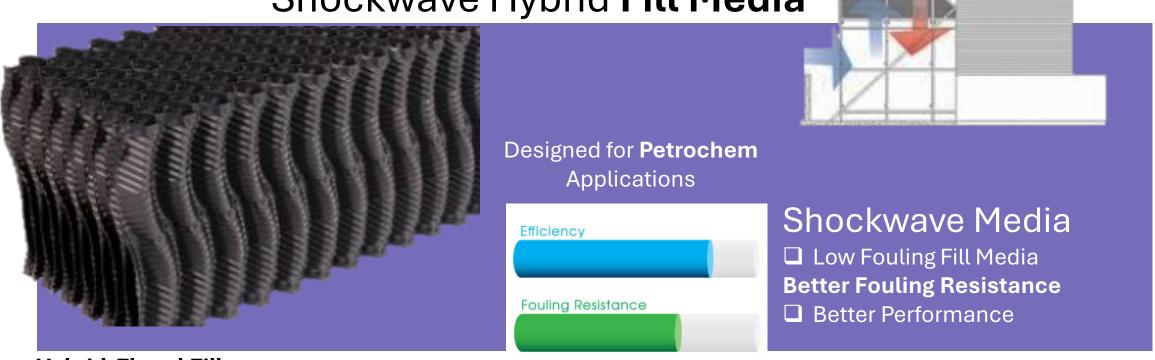


Offset-Fluted Fills combine the **low-fouling characteristics** of vertical flow with the enhanced water distribution of cross-fluted designs. **OF21MA's** design yields comparable thermal performance to CF1900 but with lower potential for fouling at a lower cost. It is generally used in <u>field-erected and factory-assembled installations</u> for applications where water contains a <u>moderate level of total suspended solids</u>



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Shockwave Hybrid Fill Media



#### **Hybrid-Fluted Fills**

Hybrid-fluted fills are a thermally engineered advancement to standard vertical-fluted products with the performance of high-efficiency fills. Their design features promote mixing of the air as it moves through the pack, maximizing evaporative heat transfer and exceeding the performance of cross-fluted fills, while incorporating the fouling resistance of vertical-fluted products.



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## TRICKLE Fill Media



**HTP20 Cross-Fluted Trickle Fill** is designed for use in applications where the circulating water has high levels of solids, such as in river or seawater applications, as well as waters with high-scale potential. It also performs well in towers that experience high sand



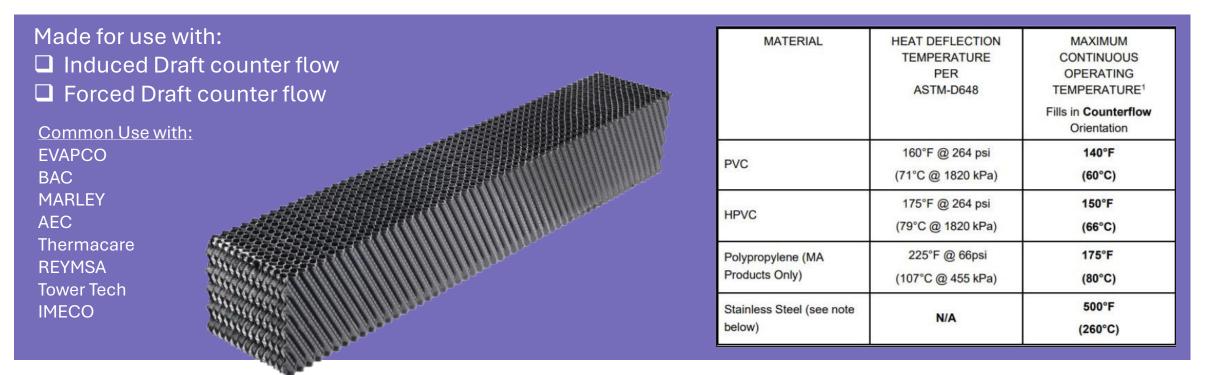
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CF-1200 Counter Flow Fill Packs



Forced Draft Induced Draft



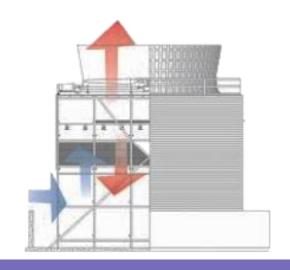
#### **Thermal Components**

Cross-fluted designs provide high thermal performance and have alternating fill sheets, allowing for excellent lateral water dispersion. High thermal performance is achieved by utilizing the engineered microstructure design and maintaining the highest manufacturing standards



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# CF-1900 Counter Flow Fill Packs



Made for use with:  Induced Draft counter flow  Forced Draft counter flow	MATERIAL	HEAT DEFLECTION TEMPERATURE PER ASTM-D648	MAXIMUM CONTINUOUS OPERATING TEMPERATURE <sup>1</sup>
			Fills in <b>Counterflow</b> Orientation
	PVC	160°F @ 264 psi (71°C @ 1820 kPa)	140°F (60°C)
Efficiency	HPVC	175°F @ 264 psi (79°C @ 1820 kPa)	150°F (66°C)
Fouling Resistance	Polypropylene (MA Products Only)	225°F @ 66psi (107°C @ 455 kPa)	175°F (80°C)
	Stainless Steel (see note below)	N/A	500°F (260°C)

**CF1900** is a popular choice for **field-erected** or factory assembled counterflow towers and can also be used in crossflow towers. It is predominantly used in HVAC and light industrial applications where the water contains low levels of total suspended solids.



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XF-75

**Cross Flow Fill Packs** 



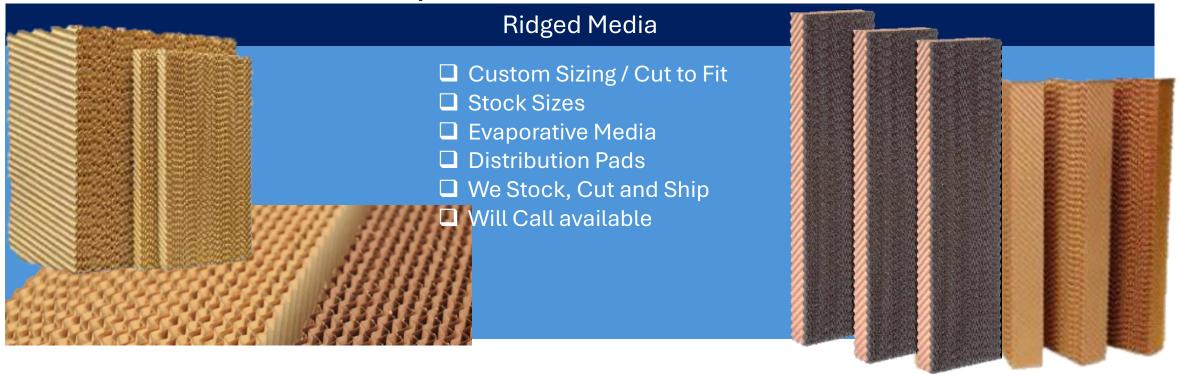


			MATERIAL	HEAT DEFLECTION TEMPERATURE PER ASTM-D648	MAXIMUM CONTINUOUS OPERATING TEMPERATURE <sup>1</sup>	MAXIMUM CONTINUOUS OPERATING TEMPERATURE <sup>2</sup>		
					Fills in <b>Counterflow</b> Orientation	Fills in <b>Crossflow</b> Orientation		
			DVC	160°F @ 264 psi	140°F	120°F		
		PVC	(71°C @ 1820 kPa)	(60°C)	(49°C)			
			LIDVO	175°F @ 264 psi	150°F	130°F		
			HPVC	(79°C @ 1820 kPa)	(66°C)	(54°C)		
			Polypropylene (MA	225°F @ 66psi	175°F	150°F		
			Products Only)	(107°C @ 455 kPa)	(80°C)	(66°C)		
			Stainless Steel (see note		500°F	500°F		
XF-75 <b>IL</b>	XF-75 <b>ID</b>	XF-75	below)	N/A	(260°C)	(260°C)		
INTEGRAL LOUVER FLUTES	FLUTES INTEGRAL ELIMINATOR FLUTES <b>NO</b> INTEGRAL FLUTES							

**Crossflow film fills**, enhancing thermal performance by up to 10%. A new flute structure reduces pressure drop to improve thermal capability, and the enhanced structural design provides increased vertical pack strength, allowing for optimum product weight-to-height ratios. Herringbone fills with integrated inlet louvers (XF7 IL) and drift eliminators (XF75 ID) complete this efficient, high-performance, crossflow media system.



# **Evaporative Cooler Media**



- •Commercial / Industrial Evaporative Cooling Systems, Precoolers, Humidification, Cooling Towers
- •Greenhouse Space Cooling
- •Agriculture Hog, Poultry, Egg Houses, Dairy



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Applying: V570 and V4138 is normally applied with a roller, although a brush may be used for areas difficult to reach. It may be applied to vertical, slanted, round or uneven surfaces. It also may be applied to the under side of pipes, ducts or other such surfaces.

#### Metal resurfacing and preparation





### **V570**

Resurfaces Vertical and Curved Metal



### V4138

- ☐ Fire Rated
- Resurfaces Vertical and Curved Metal

V570 and V4138 are a vertical resurfacer used to fill cracks, refurbish, stop corrosion and provide a durable base for Pancrete.



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## **PANCRETE**





## **Clean Bond**

- Powerhouse Cleaner
- ☐ Flash and Rust Inhibitor

Cleaner and degreaser, a powerful adhesive and bonding agent (in case you're installing our products Pancrete and V570 or V148





Resurface and Restore
Rusted and Corroded
Condensation Pans



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#### PANGUARD / ALGAE GUARD - CLEAN and PROTECT TREATMENT



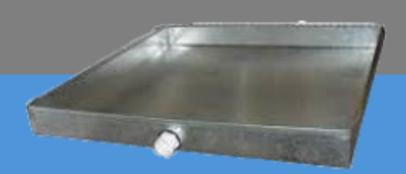


Controlled Release Micro-Biocide



MAINTENANCE PRODUCTS





Promotes Keeping your condensation pan and drain line clean.



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#### **ALL PURPOSE COIL CLEANER**



This product is very easy to use, just add the powder bags to water in a spray bottle and your ready to clean any type of coil