

## COUNTER FLOW HEAT EXCHANGER

# MODEL M

### PRODUCT DATA SHEET

Model M is a true counter flow plate heat exchanger with high thermal efficiency. Specially designed for the demanding requirements of the telecommunications and electrical enclosure industry, the Heatex Model M exchanger combines slim, effective counter flow design with Heatex' unique turbulent flow plate configuration.

Heatex' proprietary WINHeat software, along with Model M's wide range of sizes and configurations, ensures an optimal solution for virtually any application.

Custom integration solutions are available for ease of installation and faster end product delivery.

## TECHNICAL SPECIFICATIONS

# MODEL M

**MAXIMUM ALLOWED DIFFERENTIAL PRESSURE:**  
700 Pa.

**MAXIMUM LEAKAGE:**  
0.1% of nominal air flow at 400 Pa.

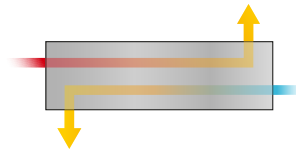
**MAXIMUM ALLOWED TEMPERATURE:**  
90°C.

**PLATE MATERIAL:**  
Aluminum is standard. Epoxy coated aluminum available for improved corrosion protection.

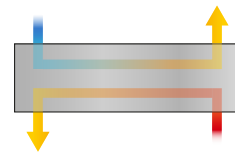
**CASE MATERIAL:**  
Aluzinc.  
Custom material and design upon request.

**SEALING:**  
MS Polymer (Silicone free).

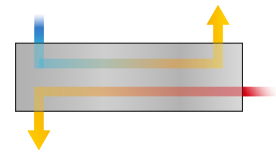
### AIR FLOW CONFIGURATIONS:



L + L  
Most effective/recommended.

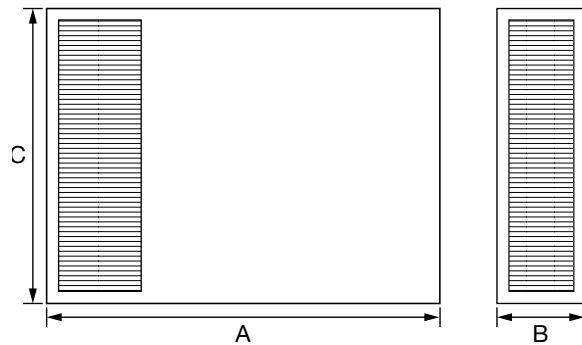


U + U



U + L

Alternative for special flow path requirements.



## MODEL M RANGE

MODEL	MEASURE (MM)			PLATE DISTANCE (MM)
	A*	B	C	
200 - 500 x 95	200 - 500	95	100 - 600	3.0 / 4.5 / 6.0
300 - 600 x 140	300 - 600	140	100 - 600	3.0 / 4.5 / 6.0
400 - 1000 x 190	400 - 1000	190	100 - 600	3.0 / 4.5 / 6.0 / 7.5
500 - 1000 x 235	500 - 1000	235	100 - 700	3.0 / 4.5 / 6.0 / 7.5

\* Only available in 100 mm increments.

For further options please contact Heatex.

Owing to continued product development Heatex reserves the right to introduce alterations without prior notice.