

COUNTER FLOW HEAT EXCHANGER

MODEL M

PRODUCT DATA SHEET

Model M is a high-efficiency counterflow plate heat exchanger, specially designed for the demanding requirements of the telecommunications and electrical enclosure industry. Even in a dry situation, it can come close to 90% (sensible) efficiency.

The Model M exchanger combines slim, effective counter flow design with the option of different airflow configurations.

Especially for Model M, Heatex offers custom integration solutions for easy installation and faster end product delivery and may be built according to customers request with either double L-flow, double U-flow or L+U-flow configuration.

TECHNICAL SPECIFICATIONS

MODEL M

WIDTH:

3.94" - 23.62" depending on size

PLATE SIZE:

3.74" / 5.51" / 7.48" / 9.28"

PLATE MATERIAL:

Aluminium (standard)

Epoxy coated aluminium (improved corrosion protection)

CASE MATERIAL:

Aluzinc

MAXIMUM ALLOWED TEMPERATURE AND

SEALING:

190°F - Silicone free (standard)

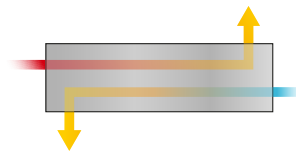
MAXIMUM LEAKAGE:

0.1% of nominal air flow at 1.6" WC

MAXIMUM ALLOWED DIFFERENTIAL PRESSURE:

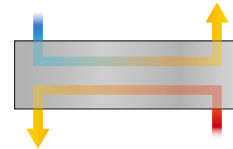
2.81" WC

AIR FLOW CONFIGURATIONS:

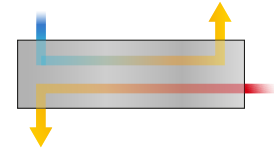


L + L

Most effective/recommended.

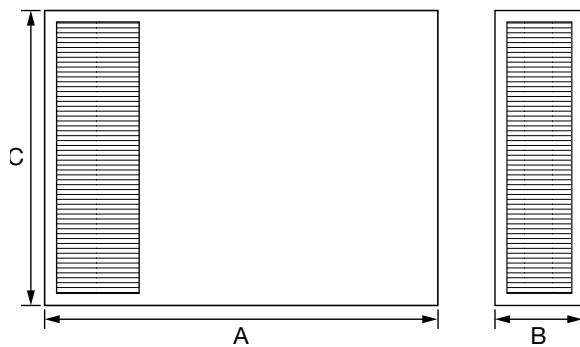


U + U



U + L

Alternative for special flow path requirements.



MODEL M RANGE

MODEL	MEASURE (INCHES)			PLATE DISTANCE (INCHES)
	A*	B	C	
200 - 500 x 95	7.87 - 19.69	3.74	3.94 - 23.62	0.12 / 0.18 / 0.27
300 - 600 x 140	11.81 - 23.62	5.51	3.94 - 23.62	0.12 / 0.18 / 0.27
400 - 1000 x 190	15.75 - 39.37	7.48	3.94 - 23.62	0.12 / 0.18 / 0.27 / 0.30
500 - 1000 x 235	19.69 - 39.37	9.25	3.94 - 27.56	0.12 / 0.18 / 0.27 / 0.30

* Only available in 3.94 inches (100 mm) increments.

For further options please contact Heatex.

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