

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:

100 - 600 mm depending on size

PLATE SIZE:

95 mm / 140 mm / 190 mm / 235 mm

PLATE MATERIAL:

Aluminium (standard)
Epoxy coated aluminium (improved corrosion protection)

CASE MATERIAL:

Aluzinc

MAXIMUM ALLOWED TEMPERATURE AND SEALING:

90°C - Silicone free (standard)

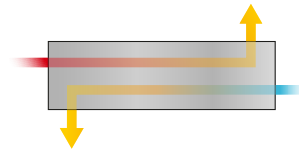
MAXIMUM LEAKAGE:

0.1% of nominal air flow at 400 Pa

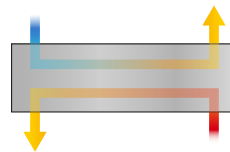
MAXIMUM ALLOWED DIFFERENTIAL PRESSURE:

700 Pa

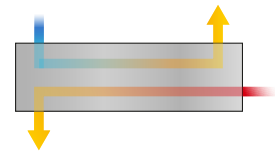
AIR FLOW CONFIGURATIONS:



L + L
Most effective/recommended.

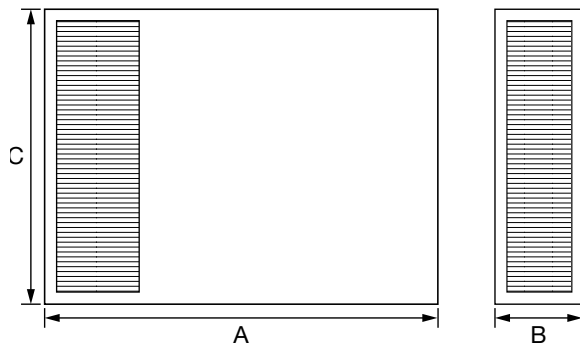


U + U



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.