

## CROSS FLOW HEAT EXCHANGER

# MODEL Z

### PRODUCT DATA SHEET



Model Z is designed to operate in corrosive environments and heavy duty applications. The entire unit is made of acid resistant stainless steel and a single pass exchanger can provide a sensible efficiency of 65 – 70%.

Based on the same well-proven plate design as Model H, Model Z's efficiency is similar to Model H but offers even higher differential pressure resistance due to its stainless steel plates.

A wide range of options including painted framework and closed plate cutting edges will improve corrosion resistance and minimize air leakage even further. Custom made accessories like bypass and dampers are available for all our cross flow heat exchangers.

Model Z is our most durable cross-flow heat exchanger.

All Heatex cross flow plate heat exchangers meet several hygiene requirements.

## TECHNICAL SPECIFICATIONS

# MODEL Z

### COMBINED MODULES SIZE:

- 600 - 1200 mm

### PLATE SIZE:

- 600 mm

### PLATE MATERIAL:

- Acid resistant stainless steel 1.4404 (ASTM 316)

### END PLATES:

- Acid resistant stainless steel 1.4404 (ASTM 316)

### CORNER PROFILES:

- Acid resistant stainless steel 1.4404 (ASTM 316)

### MAX. ALLOWED TEMPERATURE AND SEALING:

- 90°C - Silicone free
- 200°C - Silicone
- 240°C - Silicone

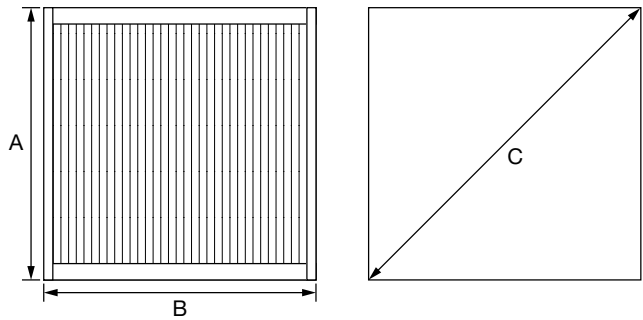
### MAX LEAKAGE (IN %):

- 0.1% of nominal airflow
- > 1% with silicone sealant

### MAX. ALLOWED DIFFERENTIAL PRESSURE:

- < 4000 Pa

## MODEL Z RANGE



MODEL	MEASURE (MM)			PLATE DISTANCE (MM)
	A	B	C90*	
600	600	250-1200	849	6.0 / 7.5 / 9.0
1200	1200	350-1200	1697	6.0 / 7.5 / 9.0

\*90° corner profile.

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