

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 frame work 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.

Heatex cross flow plate heat exchangers comply with hygiene standard EN 13779 and clean room standard DIN 1946 part 4.

TECHNICAL SPECIFICATIONS

MODEL Z

COMBINED MODULES SIZE:

23.62" & 47.24"

PLATE SIZE:

23.62"

PLATE MATERIAL:

Acid resistant stainless steel 1.4404 (ASTM 316)

GABLES:

Acid resistant stainless steel 1.4404 (ASTM 316)

CORNER PROFILES:

Acid resistant stainless steel 1.4404 (ASTM 316)

MAXIMUM ALLOWED TEMPERATURE AND SEALING:

SEALING:

90°C - Silicone free (standard)

200°C - Silicone

240°C - Silicone

MAXIMUM LEAKAGE:

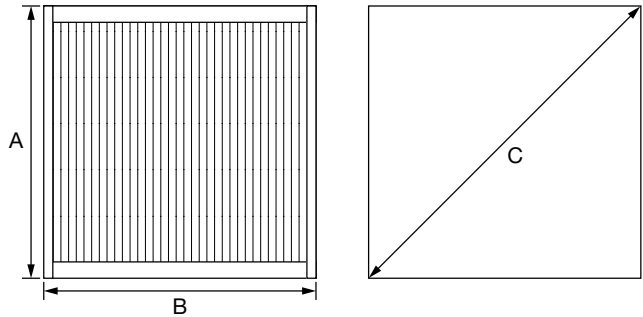
0.1% of nominal airflow

> 1% with silicone sealant

MAXIMUM ALLOWED DIFFERENTIAL PRESSURE:

PRESSURE:

< 16" WC



MODEL Z RANGE

| MEASURE (INCHES) | | | | |
|------------------|-------|-------------|-------|-------------------------|
| MODEL | A | B | C90* | PLATE DISTANCE (INCHES) |
| 600 | 23.62 | 9.84-47.24 | 33.43 | 0.23 / 0.30 / 0.35 |
| 1200 | 47.24 | 13.78-47.24 | 66.81 | 0.23 / 0.30 / 0.35 |

*90° corner profile.

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