

CROSS FLOW HEAT EXCHANGER

MODEL P

PRODUCT DATA SHEET

Model P is a heavy duty, cross flow plate heat exchanger, specially designed for applications where high differential pressures occur. Efficiencies up to 65% for single units and up to 85% for two-step arrangements are typical.

Based on the same well-proven plate design as Model H, Model P's efficiency is similar but offers a higher differential pressure resistance due to its extra strong aluminum plates.

A wide range of options including painted framework, epoxy coated plates 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 P is our most robust aluminum cross flow plate heat exchanger. All Heatex cross flow plate heat exchangers meet several hygiene requirements.

TECHNICAL SPECIFICATIONS

MODEL P

COMBINED MODULES SIZE:

- 23.62" - 118.11"

PLATE SIZE:

- 23.62" / 29.53" / 33.45" / 39.37"

PLATE MATERIAL:

- Aluminum
- Epoxy coated aluminium

END PLATES:

- Aluzinc

CORNER PROFILES:

- Aluminium 90°
- Aluminium 45°
- Aluminium brush profile

MAX. ALLOWED TEMPERATURE AND SEALING:

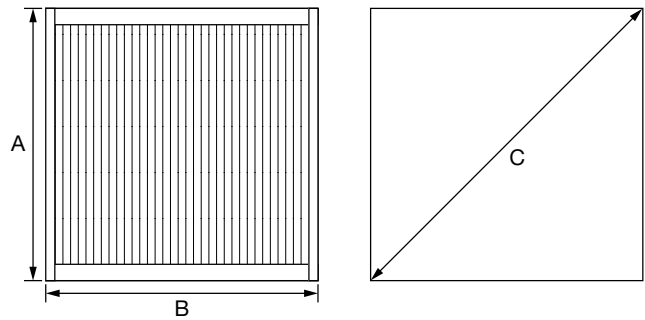
- 190°F - Silicone free
- 394°F - Silicone
- 464°F - Silicone

MAX. LEAKAGE (IN %):

- 0.1% of nominal airflow for size > 16.73" WC
- 1% of nominal airflow for sizes < 16.73" WC
- 1% of nominal airflow for all models with silicone sealant

MAX. ALLOWED DIFFERENTIAL PRESSURE:

- < 15" WC



MODEL P RANGE

MODEL	MEASURE (INCHES)				PLATE DISTANCE (INCHES)
	A	B	C45*	C90**	
600	23.62	9.84-47.24	32.64	33.43	0.11/0.13/0.18/0.24/0.30/0.35/0.41/0.47
750	29.53	11.81-47.24	40.99	41.77	0.13/0.18/0.24/0.30/0.35/0.41/0.47
850	33.45	11.81-47.24	46.57	47.32	0.12/0.14/0.16/0.20/0.26/0.31/0.37
1000	39.37	13.78-47.24	54.88	55.67	0.13/0.15/0.20/0.24/0.30/0.35/0.41/0.47
1200	47.24	13.78-47.24	-	66.81	0.11/0.13/0.18/0.24/0.30/0.35/0.41/0.47
1500	59.06	13.78-47.24	-	83.54	0.13/0.18/0.24/0.30/0.35/0.41/0.47
1700	66.93	13.78-47.24	-	94.65	0.12/0.14/0.16/0.20/0.26/0.31/0.37
2000	78.74	13.78-47.24	-	111.34	0.20/0.24/0.30/0.35/0.41/0.47
2250	88.58	13.78-47.24	-	125.28	0.13/0.18/0.24/0.30/0.35/0.41/0.47
2250	100.39	13.78-47.24	-	141.97	0.12/0.14/0.16/0.20/0.26/0.31/0.37
3000	118.11	13.78-47.24	-	167.05	0.20/0.24/0.30/0.35/0.41/0.47

*45° corner profile.

**90° corner profile.

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