

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 frame work, 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.

Model P is certified according to Eurovent, ILH and TüvSüd. A lot of configurations comply with the Ecodesign Lot 6 requirements.

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

AIR-TO-AIR HEAT EXCHANGERS

HEATEX

TECHNICAL SPECIFICATIONS

MODEL P

COMBINED MODULES SIZE:

23.62" - 118.11"

PLATE SIZE:

23.62" / 29.53" / 33.45" / 39.37"

PLATE MATERIAL:

Aluminum (standard)

Epoxy coated aluminium (improved corrosion protection)

GABLES:

Aluzinc

CORNER PROFILES:

Aluminium 90° (standard)

Aluminium 45°

Aluminium brush profile

MAXIMUM ALLOWED TEMPERATURE AND

SEALING:

190°F - Silicone free (standard)

394°F - Silicone

464°F - Silicone

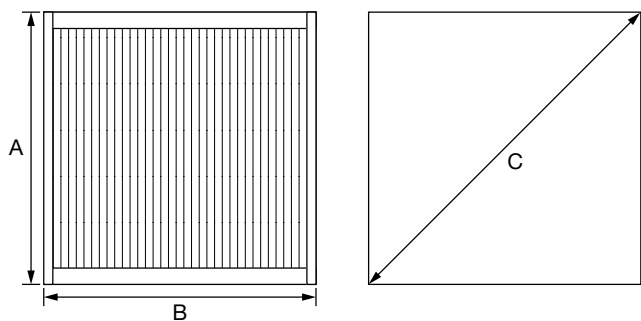
MAXIMUM LEAKAGE (AT 400 PA DIFF. PRESSURE):

0.1% of nominal air flow

1% of nominal air flow with silicone sealant

MAXIMUM 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.