

## 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:

600 - 3000 mm

### PLATE SIZE:

600 mm / 750 mm / 850 mm / 1000 mm

### 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:

90°C - Silicone free (standard)

200°C - Silicone

240°C - Silicone

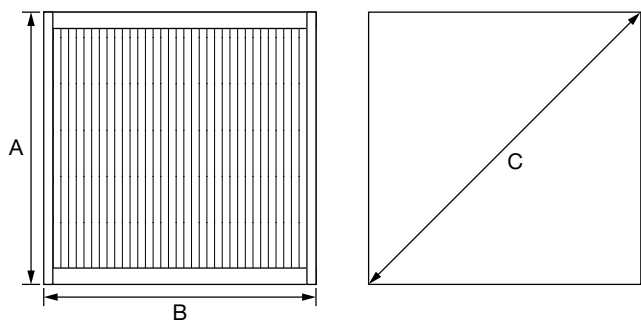
### MAXIMUM LEAKAGE (AT 400 PA DIFF. PRESSURE):

0.1% of nominal air flow

1% of nominal air flow with silicone sealant

### MAXIMUM ALLOWED DIFFERENTIAL PRESSURE:

< 3800 Pa



## MODEL P RANGE

MODEL	MEASURE (MM)				PLATE DISTANCE (MM)
	A	B	C45*	C90**	
600	600	250-1200	829	849	2.7/3.3/4.5/6.0/7.5/9.0/10.5/12.0
750	750	300-1200	1041	1061	3.3/4.5/6.0/7.5/9.0/10.5/12.0
850	850	300-1200	1183	1202	3.0/3.5/4.0/5.0/6.5/8.0/9.5
1000	1000	350-1200	1394	1414	3.3/3.7/5.0/6.0/7.5/9.0/10.5/12.0
1200	1200	350-1200	-	1697	2.7/3.0/4.5/6.0/7.5/9.0/10.5/12.0
1500	1500	350-1200	-	2122	3.3/4.5/6.0/7.5/9.0/10.5/12.0
1700	1700	350-1200	-	2404	3.0/3.5/4.0/5.0/6.5/8.5/10.5/12.0
2000	2000	350-1200	-	2828	5.0/6.0/7.5/9.0/10.5/12.0
2250	2250	350-1200	-	3182	3.3/4.5/6.0/7.5/9.0/10.5/12.0
2250	2250	350-1200	-	3606	3.0/3.5/4.0/5.0/6.5/8.5/10.5/12.0
3000	3000	350-1200	-	4243	5.0/6.0/7.5/9.0/10.5/12.0

\*45° corner profile.

\*\*90° corner profile.

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