

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.

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. Go to [Heatex.com](https://www.heatex.com) for more information.

Calculate performance with [Heatex Select](#).

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:

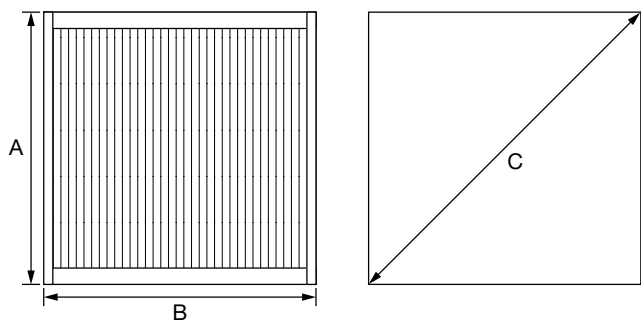
90°C - Silicone free (standard)
200°C - Silicone
240°C - Silicone

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)	FRAME DESIGN
	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	1, 2, 4, E
750	750	300-1200	1041	1061	3.3/4.5/6.0/7.5/9.0/10.5/12.0	1, 2, 4, E
850	850	300-1200	1183	1202	3.0/3.5/4.0/5.0/6.5/8.0/9.5	1, 2, 4, E
1000	1000	350-1200	1394	1414	3.3/3.7/5.0/6.0/7.5/9.0/10.5/12.0	1, 2, 4, E
1200	1200	350-1200	-	1697	2.7/3.0/4.5/6.0/7.5/9.0/10.5/12.0	2, 4, E
1500	1500	350-1200	-	2122	3.3/4.5/6.0/7.5/9.0/10.5/12.0	2, 4, E
1700	1700	350-1200	-	2404	3.0/3.5/4.0/5.0/6.5/8.5/10.5/12.0	2, 4, E
2000	2000	350-1200	-	2828	5.0/6.0/7.5/9.0/10.5/12.0	2, 4, E
2250	2250	350-1200	-	3182	3.3/4.5/6.0/7.5/9.0/10.5/12.0	2, 4, E
2250	2250	350-1200	-	3606	3.0/3.5/4.0/5.0/6.5/8.5/10.5/12.0	2, 4, E
3000	3000	350-1200	-	4243	5.0/6.0/7.5/9.0/10.5/12.0	2, 4, E

*45° corner profile.

**90° corner profile.

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