



CROSS FLOW HEAT EXCHANGER

MODEL H2

PRODUCT DATA SHEET

Model H2 is our most efficient cross flow plate heat exchanger.

Model H2 combines low-weight with high differential pressure resistance and is able to reach typical dry temperature efficiencies above 80%.

The efficiency is improved by its slim profiles and our latest patented plate design, creating high turbulence even at lower velocities while keeping pressure drop low.

Model H2 is certified according to Eurovent, AHRI, ILH and TüvSüd. Most 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 H2

COMBINED MODULES SIZE:

600 - 3000 mm

PLATE SIZE:

600 mm / 700 mm / 750 mm / 850 mm / 1000 mm / 1200 mm

PLATE MATERIAL:

Aluminum (standard)
Epoxy coated aluminium (improved corrosion protection)

GABLES:

Aluzinc (standard)
Aluminum

CORNER PROFILES:

Aluminium 90° (standard)
Aluminium 45°

MAXIMUM ALLOWED TEMPERATURE AND SEALING:

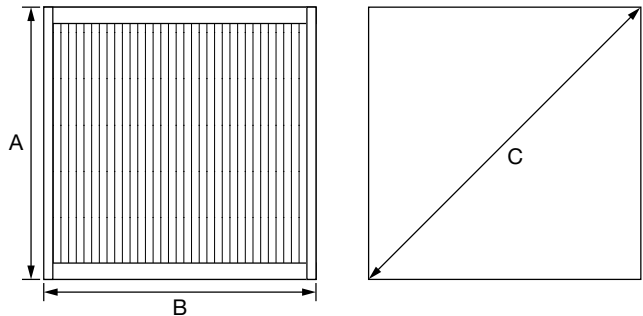
90°C - Silicone free (standard)
200°C - Silicone
240°C - Silicone

MAXIMUM LEAKAGE (AT 400 PA DIFF. PRESSURE):

0.1% of nominal air flow
1% of nominal airflow with silicone sealant

MAXIMUM ALLOWED DIFFERENTIAL PRESSURE:

< 3000 Pa, depending on plate spacing
> 3000 Pa for plate spacing above 4mm



MODEL H2 RANGE

MODEL	MEASURE (MM)				PLATE DISTANCE (MM)	FRAME DESIGN
	A	B*	C45**	C90***		
600	600	250-1200	829	849	1.9 / 2.0 / 2.2 / 2.5 / 3.0 / 4.0 / 5.0 / 6.0	1E, 2E
700	700	300-1200	970	990	2.0 / 2.5 / 3.0 / 4.0 / 5.0 / 6.0	1E, 2E
750	750	300-1200	1041	1061	2.0 / 2.1 / 2.5 / 3.0 / 4.0 / 5.0 / 6.0	1E, 2E
850	850	300-1200	1182	1202	2.0 / 2.1 / 2.2 / 2.5 / 3.0 / 4.0 / 5.0 / 6.0	1E, 2E
1000	1000	350-1200	1394	1414	2.0 / 2.5 / 2.7 / 3.0 / 4.0 / 5.0 / 6.0	1E, 2E
NEW!	1200	350-1200	1677	1697	2.0 / 2.5 / 2.7 / 2.8 / 3.0 / 4.0 / 5.0 / 5.5 / 6.8 / 8.0 / 9.0 / 10.0 - Preliminary and subject to change.	1E, 2E
	1400	350-1200	-	1980	2.0 / 2.5 / 3.0 / 4.0 / 5.0 / 6.0	1E, 2E
	1500	350-1200	-	2122	2.0 / 2.5 / 3.0 / 4.0 / 5.0 / 6.0	1E, 2E
	1700	350-1200	-	2404	2.0 / 2.5 / 3.0 / 4.0 / 5.0 / 6.0	1E, 2E
	2000	350-1200	-	2828	2.0 / 2.5 / 3.0 / 4.0 / 4.3 / 4.8 / 5.0 / 6.0	1E, 2E
	2250	350-1200	-	3182	2.0 / 2.5 / 3.0 / 4.0 / 5.0 / 5.5 / 6.0	1E, 2E
NEW!	2400	350-1200	-	3394	2.0 / 2.5 / 3.0 / 4.0 / 5.0 / 5.5 / 6.8 / 8.0 / 9.0 / 10.0 - Preliminary and subject to change.	1E, 2E
	2550	350-1200	-	3606	2.0 / 2.5 / 3.0 / 4.0 / 5.0 / 6.0	1E, 2E
	3000	350-1200	-	4243	2.0 / 2.5 / 3.0 / 4.0 / 5.0 / 6.0	1E, 2E

* Maximum module width depends on plate orientation (vertical or horizontal), model and plate distance.

** 45° corner profile.

*** 90° corner profile.

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