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.

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 H2 is certified according to Eurovent, AHRI, ILH and TüvSüd. Most configurations comply with the Ecodesign Lot 6 requirements. Go to Heatex.com for more information.

Calculate performance with Heatex Select.

AIR-TO-AIR HEAT EXCHANGERS

HEATEX

TECHNICAL SPECIFICATIONS

MODEL H2

COMBINED MODULE SIZE:
23.62” - 118.1”

PLATE SIZE:
23.62” / 27.56” / 29.53” / 33.46” / 39.37” / 47.24”

PLATE MATERIAL:
Aluminum (standard)
Epoxy coated aluminium (improved corrosion protection)

GABLES:
Aluzinc (standard)
Aluminum

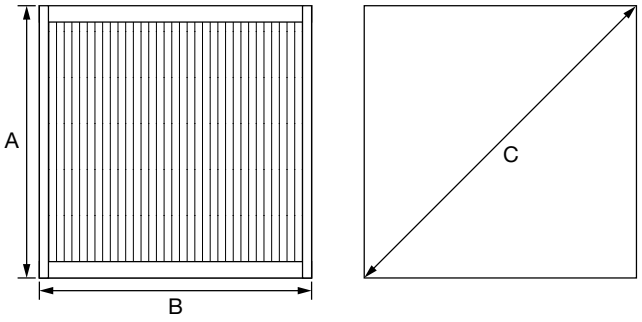
CORNER PROFILES:
Aluminium 90° (standard)
Aluminium 45°

MAXIMUM ALLOWED TEMPERATURE AND SEALING:
190°F - Silicone free (standard)
390°F - Silicone
464°F - 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:
7.23” WC - 12” WC, depending on plate spacing
> 12” WC for plate spacing above 0.16” WC

For H2 1200/2400:
6” WC - 7.23” WC for plate spacing 0.08” - 0.12”
> 12” WC for plate spacing above 0.16”



MODEL H2 RANGE

	MEASURE (INCHES)				
MODEL	A	B*	C45**	C90***	PLATE DISTANCE (INCHES)
600	23.62	9.84-47.24	32.64	33.43	0.075 / 0.079 / 0.087 / 0.098 / 0.12 / 0.16 / 0.20 / 0.24
700	27,56	11.81-47.24	38.19	38.98	0.079 / 0.098 / 0.12 / 0.16 / 0.20 / 0.24
750	29.53	11.81-47.24	40.98	41.77	0.079 / 0.083 / 0.098 / 0.12 / 0.16 / 0.20 / 0.24
850	33.45	11.81-47.24	46.54	47.32	0.079 / 0.083 / 0.087 / 0.098 / 0.12 / 0.16 / 0.20 / 0.24
1000	39.37	13.78-47.24	54.88	55.67	0.079 / 0.098 / 0.11 / 0.12 / 0.16 / 0.20 / 0.24
1200	47.24	13.78-47.24	On request	66.81	0.079 / 0.1 / 0.106 / 0.11 / 0.12 / 0.16 / 0.20 / 0.24 / 0.34 / 0.39
1400	55.12	13.78-47.24	77.17	77.95	0.079 / 0.098 / 0.12 / 0.16 / 0.20 / 0.24
1500	59.06	13.78-47.24	82.76	83.54	0.079 / 0.098 / 0.12 / 0.16 / 0.20 / 0.24
1700	66.93	13.78-47.24	93.86	94.64	0.079 / 0.098 / 0.12 / 0.16 / 0.20 / 0.24
2000	78.74	13.78-47.24	110.06	111.34	0.079 / 0.098 / 0.12 / 0.16 / 0.17 / 0.19 / 0.20 / 0.24
2250	88.58	13.78-47.24	124.5	125.28	0.079 / 0.098 / 0.12 / 0.16 / 0.20 / 0.24
2400	94.49	13.78-47.24	132.8	133.60	0.079 / 0.1 / 0.106 / 0.11 / 0.12 / 0.16 / 0.20 / 0.22 / 0.24 / 0.34 / 0.39
2550	100.39	13.78-47.24	141.2	141.97	0.079 / 0.098 / 0.12 / 0.16 / 0.20 / 0.22 / 0.24
3000	118.11	13.78-47.24	166.3	167.05	0.079 / 0.098 / 0.12 / 0.16 / 0.20 / 0.24

* Maximum module width depends on plate orientation (vertical or horizontal), model and plate distance.
** 45° corner profile.
*** 90° corner profile.