BRAZED HEAT EXCHANGER

Product Catalogue

EVAPTON
HEAT EXCHANGER

Brazed Heat Exchanger

Product Catalogue

Our ProHEX Brazed Plate Heat Exchangers are engineered to excel in a diverse range of applications, including refrigeration, cooling, air conditioning, and heating. Their versatile design and high efficiency make them ideal for a wide variety of uses. Whether you need to cool, heat, or manage air quality, our ProHEX Brazed Plate Heat Exchangers offer a compact and reliable solution.

With their compact size and advanced technology, ProHEX Brazed Plate Heat Exchangers are a smart choice for any thermal management requirement. They deliver superior heat transfer efficiency and durability, ensuring long-lasting performance in demanding environments. Trust ProHEX for reliable, efficient, and high-performance heat exchange solutions.

MAIN DATA	
Maximum Temperature	200°C
Minimum Temperature	-196°C
Desing Pressure	45bar
Available for standart and high pressure	
Cooling Capasity / Heat load	550KW
Connection Size	Threated, Welded, Clamp
Copper or Nikel Brazing	

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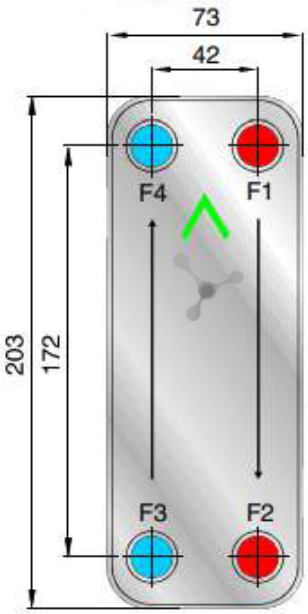
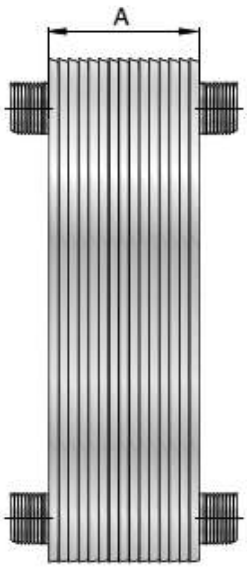
HEAT EXCHANGER

P025

Brazed Heat Exchanger

Size and Technical Specifications





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HEAT EXCHANGER

Technical Dimension Data	
Design pressure	3.0Mpa/4.5Mpa
Testing pressure	4.5Mpa/6.75Mpa
Design temperature	−196~200 °C
Maximum flow	4m³/h
Quantity of max plates	60
Pipe Size	3/4"
Channel	H,M.L

Model	Number	Size	Size	Weight (Kg)	Volume(L)		Heat exchanger area (m^2)
		A(mm)	A(mm)		F1F2	F3F4	
P025	n	11+2.3n	9+2.3n	0.5+0.05n	0.020*1/2n	0.020*1/2(n−2)	(n−2)0.014

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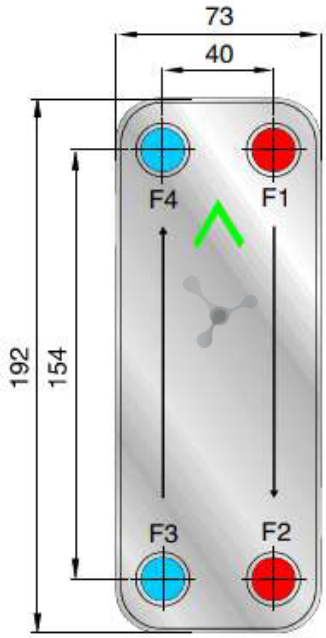
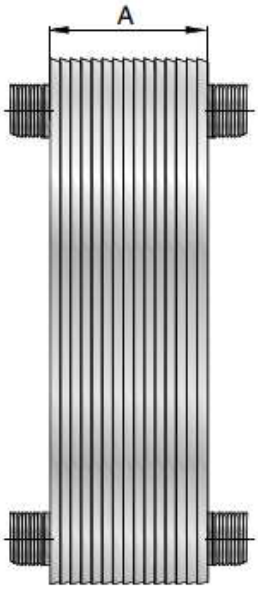
HEAT EXCHANGER

P030

Brazed Heat Exchanger

Size and Technical Specifications





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HEAT EXCHANGER

Technical Dimension Data	
Design pressure	1.0Mpa/3.0Mpa
Testing pressure	1.5Mpa/4.5Mpa
Design temperature	−196~200 °C
Maximum flow	4m³/h
Quantity of max plates	50
Pipe Size	3/4"
Channel	H

Model	Number	Size	Size	Weight (Kg)	Volume(L)		Heat exchanger area (m²)
		A(mm)	A(mm)		F1F2	F3F4	
P030	n	11+2.3n	9+2.3n	0.4+0.044n	0.018*1/2n	0.018*1/2(n−2)	(n−2)0.012

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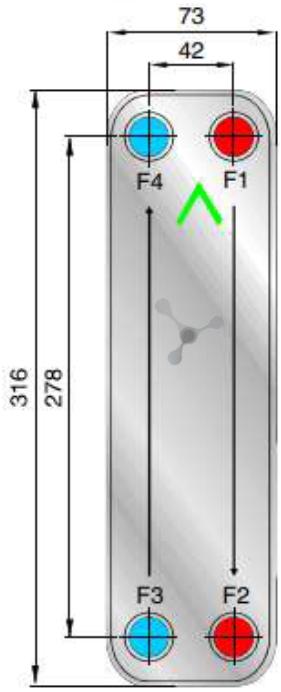
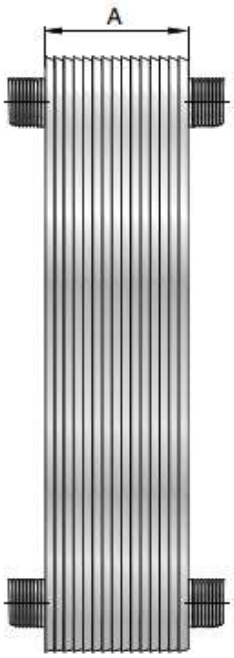
HEAT EXCHANGER

P040

Brazed Heat Exchanger

Size and Technical Specifications





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Technical Dimension Data

Design pressure	3.0Mpa/4.5Mpa
Testing pressure	4.5Mpa/6.75Mpa
Design temperature	−196~200 °C
Maximum flow	4m³/h
Quantity of max plates	60
Pipe Size	3/4"
Channel	H,M,L

Model	Number	Size	Size	Weight (Kg)	Volume(L)		Heat exchanger area (m^2)
		A(mm)	A(mm)		F1F2	F3F4	
P040	n	11+2.3n	9+2.3n	0.7+0.07n	0.040*1/2n	0.040*1/2(n−2)	(n−2)0.022

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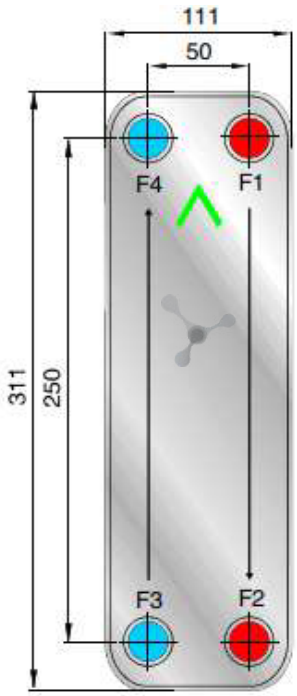
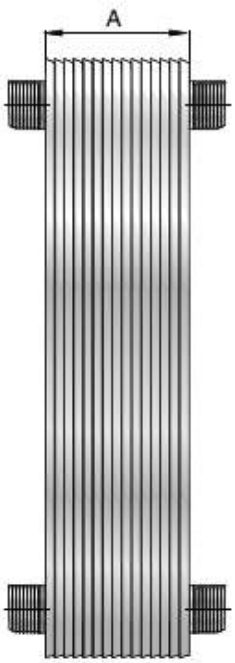
P050

Brazed Heat Exchanger

Size and Technical Specifications





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Technical Dimension Data	
Design pressure	3.0Mpa/4.5Mpa
Testing pressure	4.5Mpa/6.75Mpa
Design temperature	−196~200 °C
Maximum flow	18m³/h
Quantity of max plates	150
Pipe Size	1"1/4'
Channel	H,M,L

Model	Number	Size	Size	Weight (Kg)	Volume(L)		Heat exchanger area (m²)
		A(mm)	A(mm)		F1F2	F3F4	
P050	n	11+2.3n	9+2.3n	1.2+0.10n	0.050*1/2n	0.050*1/2(n−2)	(n−2)0.028

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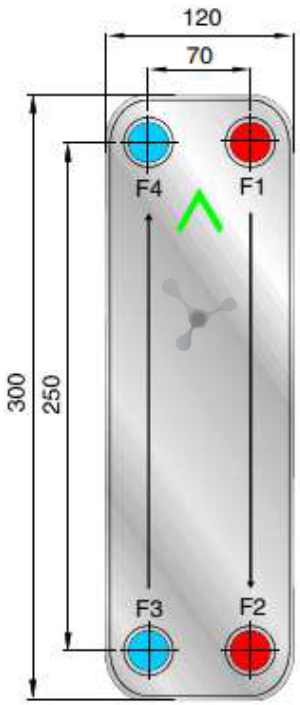
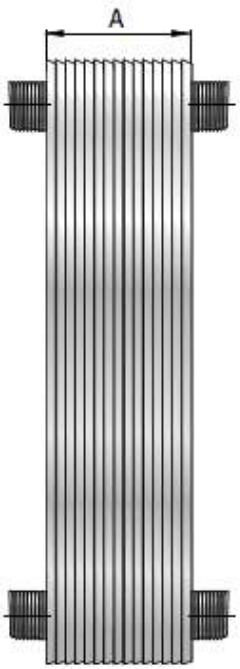
P070

Brazed Heat Exchanger

Size and Technical Specifications





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HEAT EXCHANGER

Technical Dimension Data	
Design pressure	3.0Mpa/4.5Mpa
Testing pressure	4.5Mpa/6.75Mpa
Design temperature	−196~200 °C
Maximum flow	12m³/h
Quantity of max plates	150
Pipe Size	1"1/4'
Channel	H

Model	Number	Size	Size	Weight (Kg)	Volume(L)		Heat exchanger area (m²)
		A(mm)	A(mm)		F1F2	F3F4	
P070	n	11+2.3n	9+2.3n	1.4+0.11n	0.060*1/2n	0.060*1/2(n−2)	(n−2)0.030

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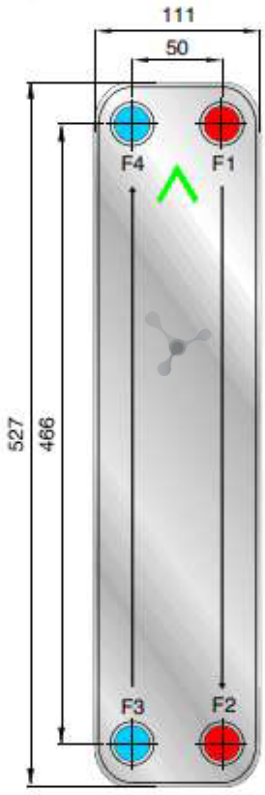
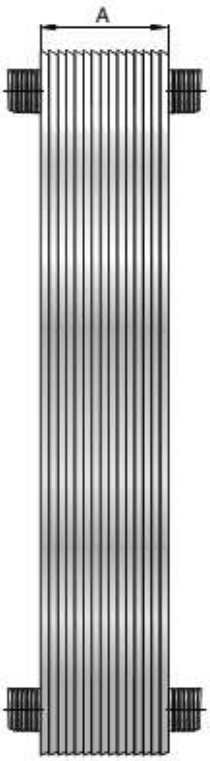
P095

Brazed Heat Exchanger

Size and Technical Specifications





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HEAT EXCHANGER

Technical Dimension Data	
Design pressure	3.0Mpa/4.5Mpa
Testing pressure	4.5Mpa/6.75Mpa
Design temperature	−196~200 °C
Maximum flow	15m³/h
Quantity of max plates	150
Pipe Size	1"1/4'
Channel	H
Distributor	Q

Model	Number	Size	Size	Weight (Kg)	Volume(L)		Heat exchanger area (m²)
		A(mm)	A(mm)		F1F2	F3F4	
P095	n	11+1.95n	9+1.95n	1.8+0.182n	0.078*1/2n	0.078*1/2(n−2)	(n−2)0.052

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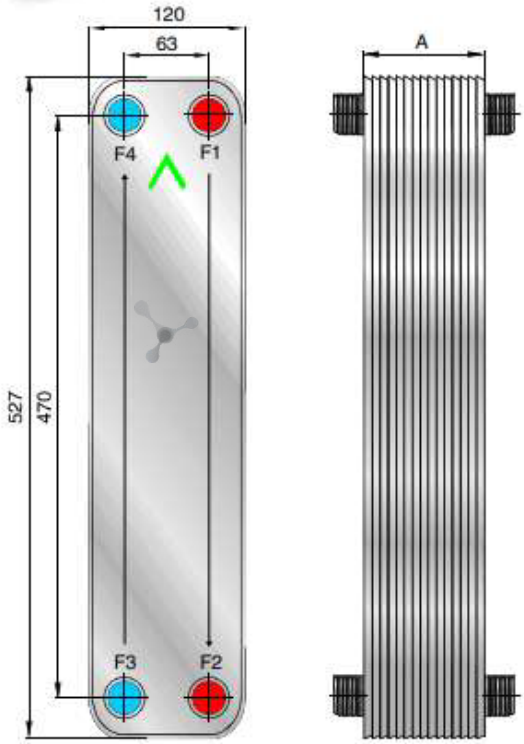
HEAT EXCHANGER

P105

Brazed Heat Exchanger

Size and Technical Specifications



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HEAT EXCHANGER

Technical Dimension Data	
Design pressure	3.0Mpa/4.5Mpa
Testing pressure	4.5Mpa/6.75Mpa
Design temperature	−196~200 °C
Maximum flow	22m³/h
Quantity of max plates	150
Pipe Size	1"1/4
Channel	H
Distributor	Q

Model	Number	Size	Size	Weight (Kg)	Volume(L)		Heat exchanger area (m²)
		A(mm)	A(mm)		F1F2	F3F4	
P105	n	11+2.3n	9+2.3n	2.4+0.195n	0.111*1/2n	0.111*1/2(n−2)	(n−2)0.060

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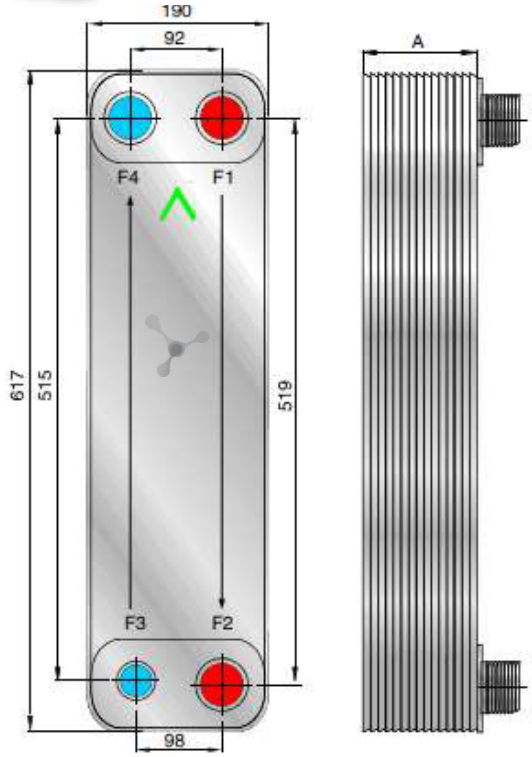
P200

Brazed Heat Exchanger

Size and Technical Specifications



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HEAT EXCHANGER

Technical Dimension Data	
Design pressure	3.0Mpa/4.5Mpa
Testing pressure	4.5Mpa/6.75Mpa
Design temperature	−196~200 ℃
Maximum flow	35m³/h
Quantity of max plates	250
Pipe Size	2"
Channel	H,M,L
Distributor	Q

Model	Number	Size	Size	Weight (Kg)	Volume(L)		Heat exchanger area (m²)
		A(mm)	A(mm)		F1F2	F3F4	
P200	n	15+2.4n	11+2.4n	4.6+0.44n	0.210*1/2n	0.210*1/2(n−2)	(n−2)0.095

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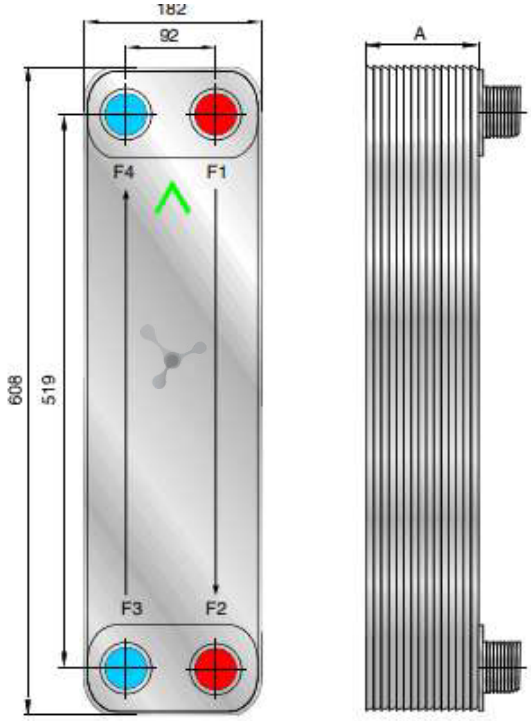
HEAT EXCHANGER

P200B

Brazed Heat Exchanger

Size and Technical Specifications



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HEAT EXCHANGER

Technical Dimension Data	
Design pressure	3.0Mpa/4.5Mpa
Testing pressure	4.5Mpa/6.75Mpa
Design temperature	−196~200 ℃
Maximum flow	42m³/h
Quantity of max plates	250
Pipe Size	2"
Channel	H

Model	Number	Size	Size	Weight (Kg)	Volume(L)		Heat exchanger area (m²)
		A(mm)	A(mm)		F1F2	F3F4	
P200B	n	15+2.8n	11+2.8n	4.6+0.42n	0.250*1/2n	0.250*1/2(n−2)	(n−2)0.095

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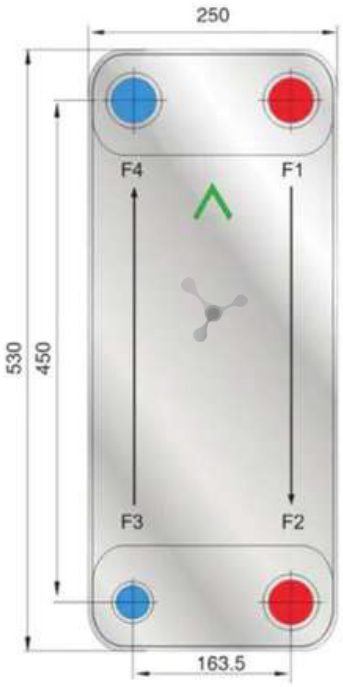
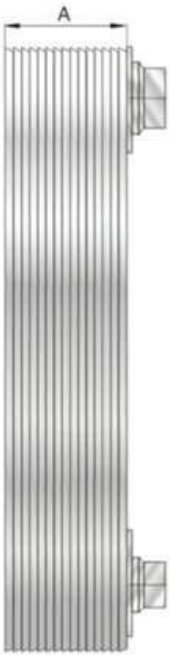
HEAT EXCHANGER

P205

Brazed Heat Exchanger

Size and Technical Specifications





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HEAT EXCHANGER

Technical Dimension Data	
Design pressure	3.0Mpa/4.5Mpa
Testing pressure	4.5Mpa/6.75Mpa
Design temperature	−196~200 °C
Maximum flow	40m³/h
Quantity of max plates	250
Pipe Size	2"
Channel	H
Distributor	Q

Model	Number	Design pressure 4.5	Design pressure ≤3.0	Weight (kg)	Volume (L)		Heat exchange area (m^2)
		A (mm)	A (mm)		F1F2side	F3F6=F4F5side	
P205	n	15+2.3n	13+2.3n	7+0.4n	0.241*1/2n	0.241*1/4 (n-2)	(n-2) 0.120

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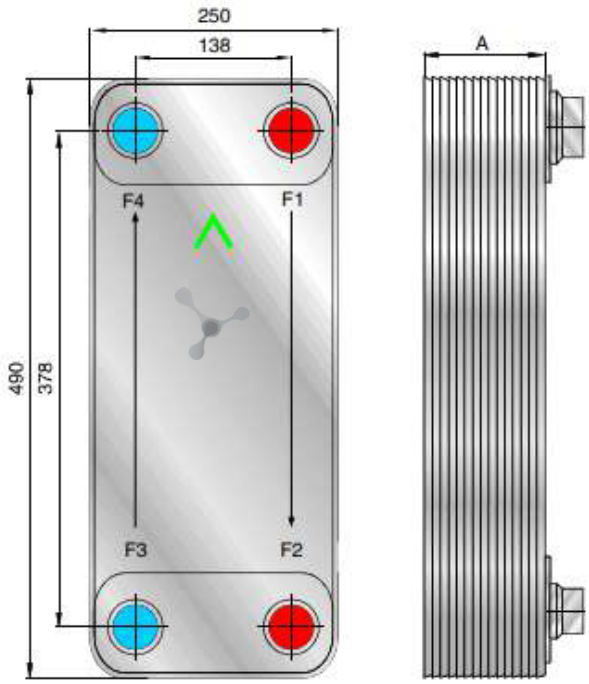
HEAT EXCHANGER

P206

Brazed Heat Exchanger

Size and Technical Specifications



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HEAT EXCHANGER

Technical Dimension Data

Design pressure	3.0Mpa/4.5Mpa
Testing pressure	4.5Mpa/6.75Mpa
Design temperature	−196~200 °C
Maximum flow	70m³/h
Quantity of max plates	250
Pipe Size	3"
Channel	H
Distributor	Q

Model	Number	Size	Size	Weight (Kg)	Volume(L)		Heat exchanger area (m²)
		A(mm)	A(mm)		F1F2	F3F4	
P206	n	15+2.85n	13+2.85n	6.5+0.42n	0.250*1/2n	0.250*1/2(n−2)	(n−2)0.136

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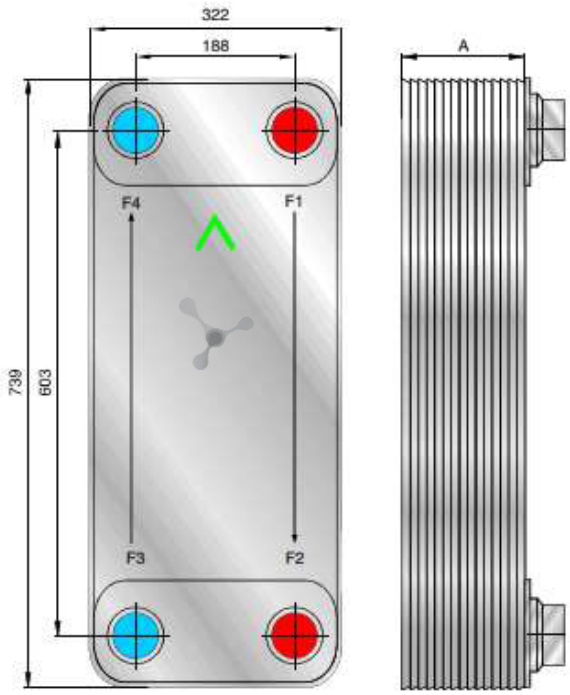
HEAT EXCHANGER

P400

Brazed Heat Exchanger

Size and Technical Specifications



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HEAT EXCHANGER

Technical Dimension Data	
Design pressure	2.5Mpa/3.0Mpa
Testing pressure	3.7Mpa/4.5Mpa
Design temperature	−196~200 °C
Maximum flow	105m³/h
Quantity of max plates	250
Pipe Size	4"
Channel	H
Distributor	Q

Model	Number	Size	Size	Weight (Kg)	Volume(L)		Heat exchanger area (m²)
		A(mm)	A(mm)		F1F2	F3F4	
P400	n	17+2.85n	13+2.85n	13+0.82n	0.40*1/2n	0.40*1/2(n−2)	(n−2)0.210

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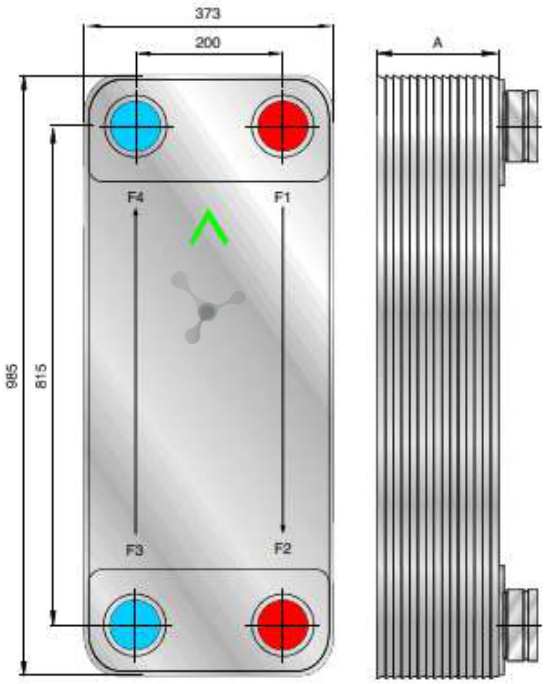
P600

Brazed Heat Exchanger

Size and Technical Specifications



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HEAT EXCHANGER

Technical Dimension Data	
Design pressure	2.5Mpa
Testing pressure	3.7Mpa
Design temperature	−196~200 °C
Maximum flow	150m³/h
Quantity of max plates	300
Pipe Size	5"
Channel	H

Model	Number	Size	Weight (Kg)	Volume(L)		Heat exchanger area (m^2)
		A(mm)		F1F2	F3F4	
P600	n	20+2.85n	31+1.2n	0.650*1/2n	0.650*1/2(n−2)	(n−2)0.310

EVAPTON
HEAT EXCHANGER

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