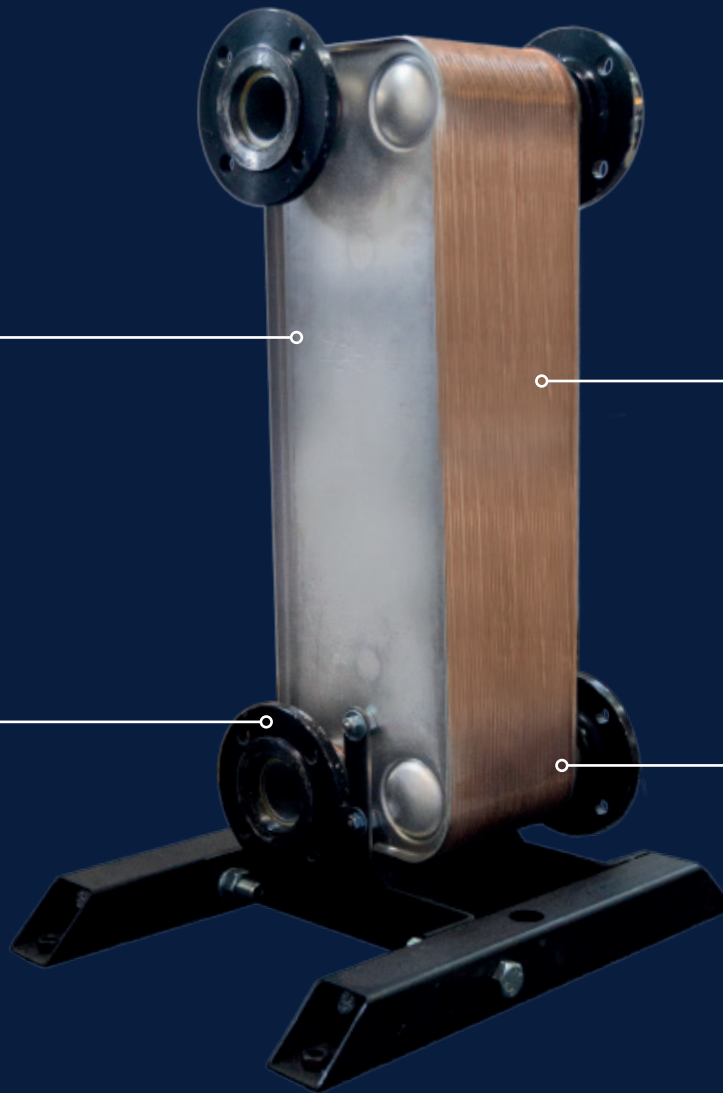


BRAZED PLATE HEAT EXCHANGER

300kW



Compact design



Separates system
water from the boiler



Low maintenance
and self-cleaning

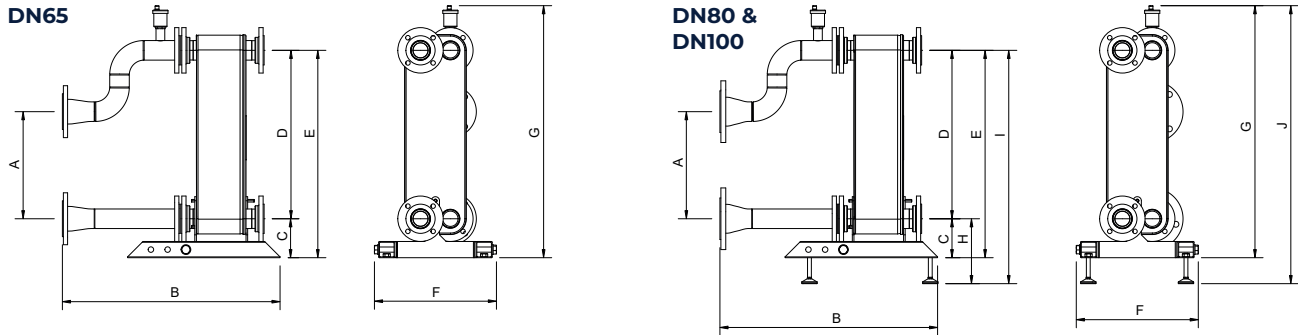


Used with Ideal
Heating Cascade kits

BRAZED PLATE HEAT EXCHANGER 300kW

TECHNICAL SPECIFICATIONS

300kW is the nominal capacity of the plate heat exchanger applying the operating conditions shown below. Please contact Ideal Heating to confirm the expected performance if the operating conditions differ from those shown.



DIMENSIONS

	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J
DN65	330	671	120	519	639	376	777	N/A	N/A	N/A
DN80	330	671	120	519	639	376	777	200	719	587
DN100	330	683	120	519	639	376	777	200	719	857

	UNITS	HOT SIDE	COLD SIDE
Mass flow rate	kg/s	3.590	3.590
Inlet temperature	°C	80.0	50.0
Outlet temperature	°C	60.0	70.0
Pressure drop	kPa	10.2	10.9
Heat exchanged	kW	300	
Heat transfer area	m ²	5.82	
Flow configuration		Countercurrent	
Number of plates / thickness		54 / 0.3 mm	
Number of passes		1	1
Pressure vessel code		PED	
Design pressure at 90.00 Celsius	Bar	30.0	30.0
Design pressure at 225.0 Celsius	Bar	32.0	32.0
Design temperature	°C	-196.0 / 225.0	
Overall length x width x height	mm	237 x 191 x 616	
Net weight, empty / operating	kg	25.3 / 36.2	

STANDARD MATERIALS

Cover plates	Stainless steel
Connections	Stainless steel
Plates	Stainless steel
Brazing	Copper

CONNECTIONS

FRAME & HEADER

Evomax 2	DN50	DN65	DN80	DN100
Standard Height Cascade			✓	✓
Low Height Cascade		✓	✓	✓

Imax Xtra 2

	DN50	DN65	DN80	DN100
Cascade			✓	

SYSTEM

DN50

FLANGED

PN6

GET A QUOTE     

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