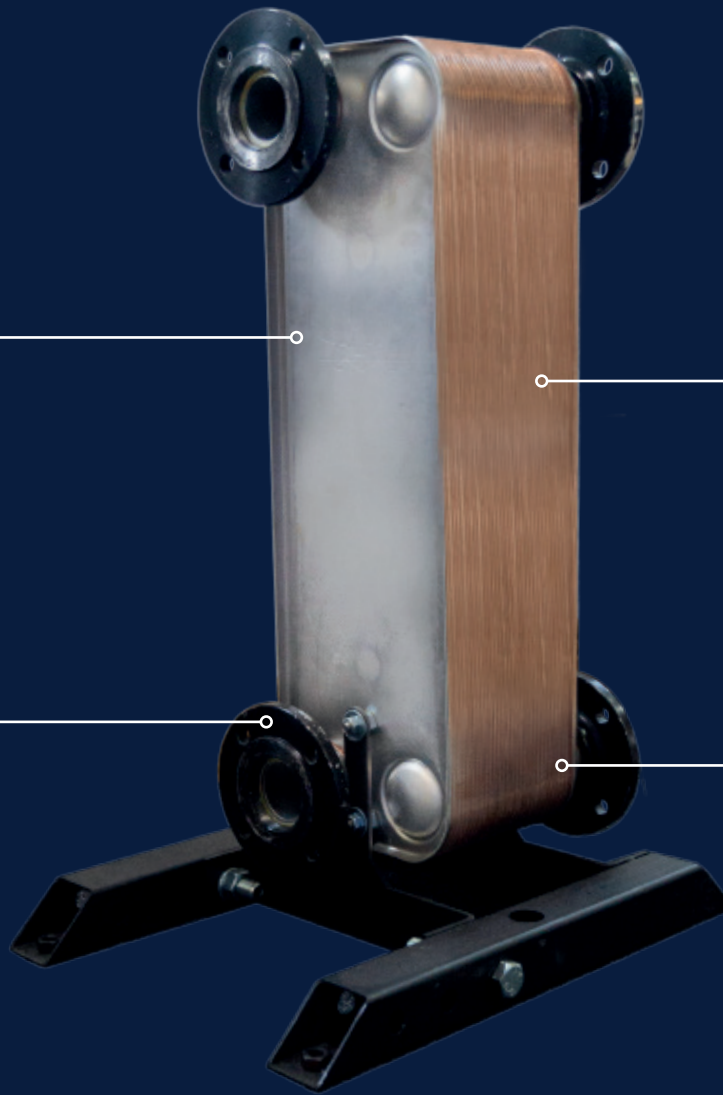


BRAZED PLATE HEAT EXCHANGER

60kW



Compact design



Separates system
water from the boiler



Low maintenance
and self-cleaning

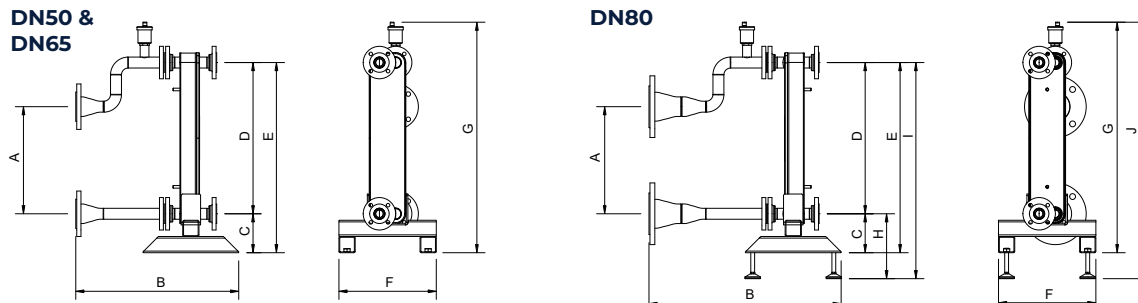


Used with Ideal
Heating Cascade kits

BRAZED PLATE HEAT EXCHANGER 60kW

TECHNICAL SPECIFICATIONS

60kW 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
DN50	330	502	120	466	586	300	710	N/A	N/A	N/A
DN65	330	516	120	466	586	300	710	N/A	N/A	N/A
DN80	330	592	120	466	586	300	710	200	666	790

	UNITS	HOT SIDE	COLD SIDE
Mass flow rate	kg/s	0.717	0.719
Inlet temperature	°C	80.0	50.0
Outlet temperature	°C	60	70.0
Pressure drop	kPa	15.7	19.3
Heat exchanged	kW	60	
Heat transfer area	m ²	1.04	
Flow configuration		Countercurrent	
Number of plates / thickness		20 / 0.3mm	
Number of passes		1	1
Pressure vessel code		PED	
Design pressure at 90.00 Celsius	Bar	40.0	40.0
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	139 x 113 x 527	
Net weight, empty / operating	kg	6.11 / 8.03	

STANDARD MATERIALS

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

CONNECTIONS

FRAME & HEADER	DN50	DN65	DN80	DN100
Evomax 2				
Standard Height Cascade			✓	
Low Height Cascade	✓	✓		

SYSTEM

DN25

FLANGED

PN6

GET A QUOTE     

idealheating.com | 01482 492251 | commercial@idealheating.com

welcome to our ideology