

Cascade Brazed Plate Heat Exchanger 269kW

Technical Specifications

This range of Remeha brazed plate heat exchangers is supplied with insulation and a bespoke boiler connection set to facilitate quick and effortless connection to our wall hung boilers – helping to prevent unnecessary fabrication and alterations on-site.

- › Separates system water from the boiler
- › Perfectly sized for use with Remeha Wall Hung Boiler Cascade Kits
- › 25 degree delta T on the primary side
- › 20 degree delta T on the secondary side
- › Compact design
- › Low maintenance
- › Self-cleaning
- › Full CAD, BIM and STEP files available
- › Suitable for installations up to 1280kW



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269kW is the nominal capacity of the plate heat exchanger applying the operating conditions shown below. Please contact your Technical Sales Manager to confirm the expected performance if the operating conditions are different to those shown below.

Process Data	Units	Hot Side	Cold Side
Heat Exchanged	kW	269	
Inlet Temperature	°C	85	55
Outlet Temperature	°C	60	75
Mass Flow Rate	m³/hr	9.48	11.80
Fluid Type		Water	Water
Calculated Pressure Drop	kPa	21.05	32.21
Heat Exchanger Surface Area	m²	8.9	
Volume	Litres	6.50	6.50
Connection Size S1	Inch	1 1/4"	
Connection Size S2	Inch	1 1/4"	
Connection Size S3	Inch	1 1/4"	
Connection Size S4	Inch	1 1/4"	
Connection Material		AISI 316L	
Connection Variant		Pipe with thread	
Max Operating Pressure	Bar	30	
Max Operating Temperature	°C	230	
Weight	kg	32.00	

Cascade Variation	3 x Quinta Ace 90kW
Cascade Output	269kW
Cascade Connection Size	DN65
Plate Heat Exchanger Type	Brazed
Plate Heat Exchanger Model	RHB-60-140
Number of Plates	140
Plate Thickness	0.30mm
Plate Material	AISI 316L
Connection Set Model	DN65-DN32 (P/N 7811278)

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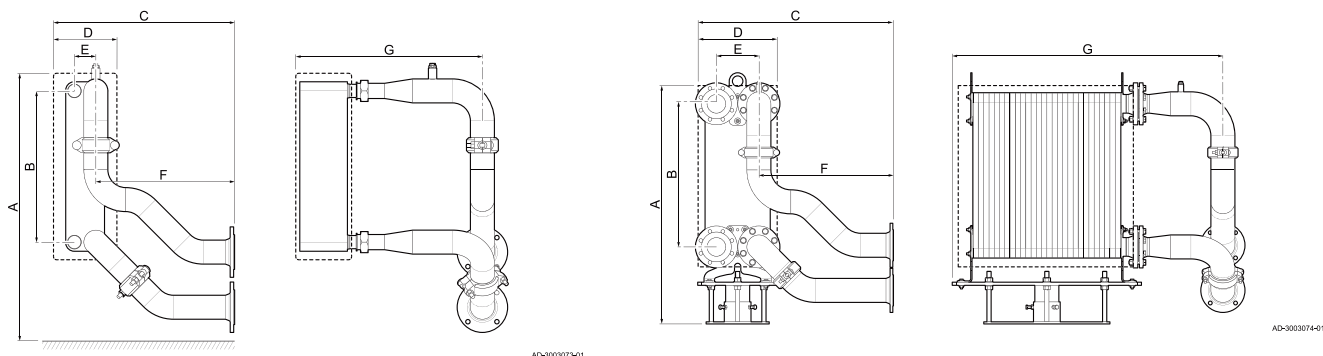
**MAIN
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Residential and
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Dimension	A	B	C	D	E	F	G
Description	total height	flange distance	total depth	depth	flange distance	connection depth	total width
RHB-60-60	752	480	617	201	68	400	604
RHB-60-100	752	480	617	295	68	400	698
RHB-60-120	752	480	617	342	68	400	745
RHB-60-140	752	480	617	389	68	400	792
RHB-110-100	964	520	684	360	91	400	755
RHB-110-120	964	520	684	412	91	400	807
RHB-110-140	977	520	698	526	91	400	890
RHB-110-160	964	520	684	516	91	400	911
RHB-110-180	964	520	684	568	91	400	963
RMB-235-120	1140	682	1016	433	204	400	857
RMB-235-140	1140	682	1016	483	204	400	907
RMB-235-160	1140	682	1016	533	204	400	957
RMB-235-180	1140	682	1016	583	204	400	1007
RMB-235-220	1140	682	1016	683	204	400	1107
RMB-235-240	1140	682	1016	733	204	400	1157
RMB-235-260	1140	682	1016	783	204	400	1207
RMB-235-280	1140	682	1016	833	204	400	1257

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 Company registered in England and Wales: 3879156 | VAT registration number: 604665837

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