



McDonald Water Storage

WCPHE200 Brazed Plate Heat Exchanger Datasheet

Calculated parameters	Unit	Side1	Side2
Fluid		Water	Water
Duty	kW	200	
Inlet temperature	°C	80.0	10.0
Outlet temperature	°C	60.0	65.0
Flowrate	kg/s	2.39	0.87
Pressure drop	kPa	28.7	4.3

Specification:	Unit	Side1	Side2
Heat Exchanger Model:		UKE-BRX12B	
Number of plates:	---	60	
Heat transfer area:	m ²	1.62	
Plate Material:	---	EN1.4404 (AISI 316L)	
Brazing Material:	---	Cu	
Connection size:	---	1¼ inch	1¼ inch
Connection type:	---	BSP Male	BSP Male
Inlet / Outlet Locations:	---	T11 / T12	T21 / T22
Certification/Approval type:	---	PED Art 4.3	
Volume:	L	1.22	1.26
Weight empty:	kg	6.09	
Design Temperature:	°C	100	
Design Pressure(Max):	bar	25	

External Dimensions:			
A (mm):	289	B (mm):	118
C (mm):	234	D (mm):	63
E (mm):	115	F (mm):	25
Warning: Dimensions are for reference purposes only and are not to be used for construction.			

