

PHE AV20-103 H

PED Classification (2014/68/EU): SEP [FGP2NV] [FGS2NV]

THERMAL DATA						DESIGN DATA			
Primary: WATER			Secondary: WATER						
Inlet Temperature	[°C]	80	Inlet Temperature	[°C]	55	Max. temperature	[°C]	-10/100	
Outlet Temperature	[°C]	60	Outlet Temperature	[°C]	75	Design pressure	[bar]	6	
Flowrate	[kg/h]	64629,36	Flowrate	[kg/h]	64663,91	Test pressure	[bar]	8,58	
Pressure drop	[kPa]	46,29	Pressure drop	[kPa]	46,23	DTML	[°C]	5	
						Capacity	[kW]	1500	
						Exchanging surface	[m²]	24,24	
Primary volume	[l]	32,23	Secondary volume	[l]	32,23				
No. series pass hot side	[]	1	No. series pass cold side	[]	1				
No. parall. pass hot side	[]	51	No. parall.pass cold side	[]	51				

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CONSTRUCTIVE DATA			DIMENSIONS					
Plates thickness	[mm]	0,5	C (width)	[mm]	480	D (horizontal interaxis)	[mm]	225
Empty weight	[kg]	321,4	A (height)	[mm]	1160	B (vertical interaxis)	[mm]	719
Full weight	[kg]	389,86	F (depth)	[mm]	735	H (tightening)	[mm]	319,3
MATERIALS			G (connection dimensions)		[]	DN 100		
			E (connection height)		[mm]	215		

08/04/2020

MATERIALS	
Frame	P355NH
Plates	AISI304
Gaskets	EPDM
Primary connections	P355NH
Secondary connections	P355NH
Tightening bolts	A193B7

FLANGE PREDISP.

