

PHE AV20-41 H

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

THERMAL DATA						DESIGN DATA					
Primary: WATER			Secondary: WATER			Max. temperature		[°C]	-10/100		
Inlet Temperature		[°C]	80	Inlet Temperature		[°C]	55	Design pressure		[bar]	6
Outlet Temperature		[°C]	60	Outlet Temperature		[°C]	75	Test pressure		[bar]	8,58
Flowrate		[kg/h]	20681,4	Flowrate		[kg/h]	20692,45	DTML		[°C]	5
Pressure drop		[kPa]	29,4	Pressure drop		[kPa]	29,37	Capacity		[kW]	480
								Exchanging surface		[m²]	9,36
Primary volume			[l]	12,64	Secondary volume		[l]	12,64			
No. series pass hot side			[]	1	No. series pass cold side		[]	1			
No. parall. pass hot side			[]	20	No. parall.pass cold side		[]	20			
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CONSTRUCTIVE DATA				DIMENSIONS							
Plates thickness		[mm]	0,5	C (width)		[mm]	480	D (horizontal interaxis)		[mm]	225
Empty weight		[kg]	235,9	A (height)		[mm]	1160	B (vertical interaxis)		[mm]	719
Full weight		[kg]	265,18	F (depth)		[mm]	735	H (tightening)		[mm]	127,1
MATERIALS				G (connection dimensions)		[]	DN 100				
				E (connection height)		[mm]	215				
						08/04/2020					
Frame		P355NH									
Plates		AISI304									
Gaskets		EPDM									
Primary connections		P355NH									
Seconday connections		P355NH									
Tightening bolts		A193B7									

FLANGE PREDISP.

