

PHE AV20-47 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]	24128,3	Flowrate		[kg/h]	24141,19	DTML		[°C]	5
Pressure drop		[kPa]	30,34	Pressure drop		[kPa]	30,31	Capacity		[kW]	560
								Exchanging surface		[m²]	10,8
Primary volume			[l]	14,54	Secondary volume		[l]	14,54			
No. series pass hot side		[]	1	No. series pass cold side		[]	1				
No. parall. pass hot side		[]	23	No. parall. pass cold side		[]	23				
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CONSTRUCTIVE DATA			DIMENSIONS		
Plates thickness	[mm]	0,5	C (width)	[mm]	480
Empty weight	[kg]	243,7	A (height)	[mm]	1160
Full weight	[kg]	276,77	F (depth)	[mm]	735
			G (connection dimensions)	[]	DN 100
			E (connection height)	[mm]	215
			D (horizontal interaxis)	[mm]	225
			B (vertical interaxis)	[mm]	719
			H (tightening)	[mm]	145,7
			08/04/2020		
MATERIALS					
Frame	P355NH				
Plates	AISI304				
Gaskets	EPDM				
Primary connections	P355NH				
Secondary connections	P355NH				
Tightening bolts	A193B7				

