

PHE AV20-59 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]	30160,37	Flowrate	[kg/h]	30176,49	DTML	[°C]	5	
Pressure drop	[kPa]	30,04	Pressure drop	[kPa]	30,01	Capacity	[kW]	700	
						Exchanging surface	[m²]	13,68	
Primary volume			[l]	18,33	Secondary volume			[l]	18,33
No. series pass hot side			[]	1	No. series pass cold side			[]	1
No. parall. pass hot side			[]	29	No. parall.pass cold side			[]	29

CONSTRUCTIVE DATA			DIMENSIONS		
Plates thickness	[mm]	0,5	C (width)	[mm]	480
Empty weight	[kg]	259,3	A (height)	[mm]	1160
Full weight	[kg]	299,96	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]	182,9
			08/04/2020		
MATERIALS					
Frame	P355NH				
Plates	AISI304				
Gaskets	EPDM				
Primary connections	P355NH				
Secondary connections	P355NH				
Tightening bolts	A193B7				

