

PHE AV7-51 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]	10
Outlet Temperature	[°C]	60	Outlet Temperature	[°C]	75	Test pressure	[bar]	14,3
Flowrate	[kg/h]	7755,52	Flowrate	[kg/h]	7759,67	DTML	[°C]	5
Pressure drop	[kPa]	19,59	Pressure drop	[kPa]	19,86	Capacity	[kW]	180
Primary volume	[l]	4,1	Secondary volume	[l]	4,1			
No. series pass hot side	[]	1	No. series pass cold side	[]	1			
No. parall. pass hot side	[]	25	No. parall.pass cold side	[]	25			

CONSTRUCTIVE DATA			DIMENSIONS					
Plates thickness	[mm]	0,5	C (width)	[mm]	198	D (horizontal interaxis)	[mm]	70
Empty weight	[kg]	56,96	A (height)	[mm]	795	B (vertical interaxis)	[mm]	656
Full weight	[kg]	65,56	F (depth)	[mm]	535	H (tightening)	[mm]	142,8
MATERIALS			G (connection dimensions)	[]	1 ¼"			
			E (connection height)	[mm]	95			

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

18/07/2019

