

PHE AV7-41 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]	10
Outlet Temperature	[°C]	60	Outlet Temperature	[°C]	75	Test pressure	[bar]	14,3
Flowrate	[kg/h]	6032,07	Flowrate	[kg/h]	6035,3	DTML	[°C]	5
Pressure drop	[kPa]	17,36	Pressure drop	[kPa]	17,62	Capacity	[kW]	140
Primary volume [l] 3,28			Secondary volume [l] 3,28					
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]	198	D (horizontal interaxis)	[mm]	70
Empty weight	[kg]	51,36	A (height)	[mm]	795	B (vertical interaxis)	[mm]	656
Full weight	[kg]	58,32	F (depth)	[mm]	435	H (tightening)	[mm]	114,8
MATERIALS			G (connection dimensions)	[]	1 ¼"	18/07/2019		
			E (connection height)	[mm]	95			
Frame	P355NH							
Plates	AISI304							
Gaskets	EPDM							
Primary connections	AISI304							
Seconday connections	AISI304							
Tightening bolts	A193B7							

