

PHE AV3-43 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]	75	Inlet Temperature	[°C]	10	Design pressure	[bar]	10
Outlet Temperature	[°C]	40	Outlet Temperature	[°C]	50	Test pressure	[bar]	14,3
Flowrate	[kg/h]	6161,2	Flowrate	[kg/h]	5380	DTML	[°C]	27,42
Pressure drop	[kPa]	9,12	Pressure drop	[kPa]	7,65	Capacity	[kW]	250
						Exchanging surface	[m²]	1,722
Primary volume			Secondary volume			K service	[W/m²°C]	5212,91
No. series pass hot side	[]	1	No. series pass cold side	[]	1	K Clean	[W/m²°C]	5212,91
No. parall. pass hot side	[]	21	No. parall.pass cold side	[]	21	Oversurfacing	[%]	0
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CONSTRUCTIVE DATA			DIMENSIONS					
Plates thickness	[mm]	0,5	C (width)	[mm]	198	D (horizontal interaxis)	[mm]	70
Empty weight	[kg]	30,91	A (height)	[mm]	469	B (vertical interaxis)	[mm]	381
Full weight	[kg]	35,3	F (depth)	[mm]	290	H (tightening)	[mm]	120,4
MATERIALS			G (connection dimensions)	[]	1 ¼"			
			E (connection height)	[mm]	39			

MATERIALS	
Frame	P355NH
Plates	AISI316
Gaskets	EPDM
Primary connections	AISI304
Secondary connections	AISI304
Tightening bolts	A193B7

27/04/2020

