

PHE AV3-19 H

PED Classification (2014/68/EU): SEP [FGP2NV] [FGS2NV]

THERMAL DATA				DESIGN DATA				
Primary: WATER			Secondary: WATER					
Inlet Temperature	[°C]	75	Inlet Temperature	[°C]	10	Max. temperature	[°C]	-10/100
Outlet Temperature	[°C]	40	Outlet Temperature	[°C]	50	Design pressure	[bar]	10
Flowrate	[kg/h]	2464,48	Flowrate	[kg/h]	2152	Test pressure	[bar]	14,3
Pressure drop	[kPa]	6,4	Pressure drop	[kPa]	5,51	DTML	[°C]	27,42
						Capacity	[kW]	100
						Exchanging surface	[m²]	0,714
Primary volume	[l]	0,86	Secondary volume	[l]	0,86	K service	[W/m²°C]	5028,43
No. series pass hot side	[]	1	No. series pass cold side	[]	1	K Clean	[W/m²°C]	5028,43
No. parall. pass hot side	[]	9	No. parall.pass cold side	[]	9	Oversurfacing	[%]	0

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CONSTRUCTIVE DATA			DIMENSIONS		
Plates thickness	[mm]	0,5	C (width)	[mm]	198
Empty weight	[kg]	23,23	A (height)	[mm]	469
Full weight	[kg]	25,34	F (depth)	[mm]	140
			G (connection dimensions)	[]	1 ¼"
			E (connection height)	[mm]	39

27/04/2020

MATERIALS

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

