

PHE AX8-31 L

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]	6
Flowrate	[kg/h]	18483,6	Flowrate	[kg/h]	16140	Test pressure	[bar]	8,58
Pressure drop	[kPa]	24,09	Pressure drop	[kPa]	21,03	DTML	[°C]	27,42
						Capacity	[kW]	750
						Exchanging surface	[m²]	4,35
Primary volume	[l]	4,18	Secondary volume	[l]	4,18	K service	[W/m²°C]	6286,95
No. series pass hot side	[]	1	No. series pass cold side	[]	1	K Clean	[W/m²°C]	6338,83
No. parall. pass hot side	[]	15	No. parall. pass cold side	[]	15	Oversurfacing	[%]	0,83

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CONSTRUCTIVE DATA			DIMENSIONS					
Plates thickness	[mm]	0,5	C (width)	[mm]	320	D (horizontal interaxis)	[mm]	140
Empty weight	[kg]	99,91	A (height)	[mm]	895	B (vertical interaxis)	[mm]	640
Full weight	[kg]	110,28	F (depth)	[mm]	432	H (tightening)	[mm]	77,5
MATERIALS			G (connection dimensions)		[]	2 ½"		
			E (connection height)		[mm]	160		

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

27/04/2020

