

PHE AX8-19 L

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]	25	Design pressure	[bar]	6
Outlet Temperature	[°C]	50	Outlet Temperature	[°C]	55	Test pressure	[bar]	8,58
Flowrate	[kg/h]	15522,37	Flowrate	[kg/h]	12930,27	DTML	[°C]	22,41
Pressure drop	[kPa]	41,55	Pressure drop	[kPa]	32,57	Capacity	[kW]	450
Exchanging surface	[m²]					2,55		
Primary volume	[l]	2,51	Secondary volume	[l]	2,51	K service	[W/m²°C]	7729,53
No. series pass hot side	[]	1	No. series pass cold side	[]	1	K Clean	[W/m²°C]	7729,53
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]	320	D (horizontal interaxis)	[mm]	140
Empty weight	[kg]	90,29	A (height)	[mm]	895	B (vertical interaxis)	[mm]	640
Full weight	[kg]	97,31	F (depth)	[mm]	432	H (tightening)	[mm]	47,5
			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

