

PHE AX8-31 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]	25870,62	Flowrate	[kg/h]	21550,46	DTML	[°C]	22,41		
Pressure drop	[kPa]	43,08	Pressure drop	[kPa]	33,62	Capacity	[kW]	750		
Primary volume		[l]	4,18	Secondary volume		[l]	4,18	Exchanging surface	[m ²]	4,35
No. series pass hot side	[]	1	No. series pass cold side	[]	1	K service	[W/m ² °C]	7694,61		
No. parall. pass hot side	[]	15	No. parall. pass cold side	[]	15	K Clean	[W/m ² °C]	7729,53		
						Oversurfacing	[%]	0,45		

50083026026220310001

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
			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

