

PHE AX8-21 HL 18

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

THERMAL DATA						DESIGN DATA			
Primary: WATER			Secondary: WATER						
Inlet Temperature	[°C]	80	Inlet Temperature	[°C]	55	Max. temperature	[°C]	-10/100	
Outlet Temperature	[°C]	60	Outlet Temperature	[°C]	75	Design pressure	[bar]	6	
Flowrate	[kg/h]	7755,52	Flowrate	[kg/h]	7759,67	Test pressure	[bar]	8,58	
Pressure drop	[kPa]	38,76	Pressure drop	[kPa]	39,2	DTML	[°C]	5	
						Capacity	[kW]	180	
						Exchanging surface	[m²]	2,85	
Primary volume	[l]	2,79	Secondary volume	[l]	2,79				
No. series pass hot side	[]	1	No. series pass cold side	[]	1				
No. parall. pass hot side	[]	10	No. parall.pass cold side	[]	10				

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CONSTRUCTIVE DATA			DIMENSIONS					
Plates thickness	[mm]	0,5	C (width)	[mm]	320	D (horizontal interaxis)	[mm]	140
Empty weight	[kg]	91,71	A (height)	[mm]	895	B (vertical interaxis)	[mm]	640
Full weight	[kg]	99,29	F (depth)	[mm]	432	H (tightening)	[mm]	52,5
MATERIALS			G (connection dimensions)	[]	2 ½"			
			E (connection height)	[mm]	160			

08/04/2020

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

