

PHE AV7-31 H

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

THERMAL DATA						DESIGN DATA					
Primary: WATER			Secondary: WATER			Max. temperature		[°C]	-10/100		
Inlet Temperature		[°C]	80	Inlet Temperature		[°C]	55	Design pressure		[bar]	10
Outlet Temperature		[°C]	60	Outlet Temperature		[°C]	75	Test pressure		[bar]	14,3
Flowrate		[kg/h]	4308,62	Flowrate		[kg/h]	4310,93	DTML		[°C]	5
Pressure drop		[kPa]	15,01	Pressure drop		[kPa]	15,25	Capacity		[kW]	100
Primary volume			[l]	2,46	Secondary volume		[l]	2,46			
No. series pass hot side			[]	1	No. series pass cold side		[]	1			
No. parall. pass hot side			[]	15	No. parall.pass cold side		[]	15			
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CONSTRUCTIVE DATA			DIMENSIONS					
Plates thickness	[mm]	0,5	C (width)	[mm]	198	D (horizontal interaxis)	[mm]	70
Empty weight	[kg]	46,16	A (height)	[mm]	795	B (vertical interaxis)	[mm]	656
Full weight	[kg]	51,48	F (depth)	[mm]	385	H (tightening)	[mm]	86,8
MATERIALS			G (connection dimensions)		[]	1 ¼"		
			E (connection height)		[mm]	95		

18/07/2019

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

