

PHE AV3-7 H

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

THERMAL DATA

Primary: WATER

Inlet Temperature [°C] 75
Outlet Temperature [°C] 40
Flowrate [kg/h] 616,12
Pressure drop [kPa] 3,63

Secondary: WATER

Inlet Temperature [°C] 10
Outlet Temperature [°C] 50
Flowrate [kg/h] 538
Pressure drop [kPa] 3,15

Primary volume [l] 0,48
No. series pass hot side [] 1
No. parall. pass hot side [] 3

Secondary volume [l] 0,48
No. series pass cold side [] 1
No. parall. pass cold side [] 3

DESIGN DATA

Max. temperature [°C] -10/100
Design pressure [bar] 10
Test pressure [bar] 14,3
DTML [°C] 27,42
Capacity [kW] 25
Exchanging surface [m²] 0,21

K service [W/m²°C] 4315,07
K Clean [W/m²°C] 4315,07
Oversurfacing [%] 0

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CONSTRUCTIVE DATA

Number of plates / Max. 7/19
Plates thickness [mm] 0,5
Empty weight [kg] 19,79
Full weight [kg] 20,76

DIMENSIONS

C (width) [mm] 198
A (height) [mm] 469
F (depth) [mm] 105
G (connection dimensions) [] 1 ¼"
E (connection height) [mm] 39
D (horizontal interaxis) [mm] 70
B (vertical interaxis) [mm] 381
H (tightening) [mm] 21,6

MATERIALS

Frame P355NH
Plates AISI316L
Gaskets EPDM
Primary connections AISI304
Secondary connections AISI304
Tightening bolts A193B7

04/05/2026

