Cylindrical heaters, type R

Galvatherm®

Update 23/10/2026

Models adapted to all classical tank configurations and offering a large exchange surface in a minimum bulk.

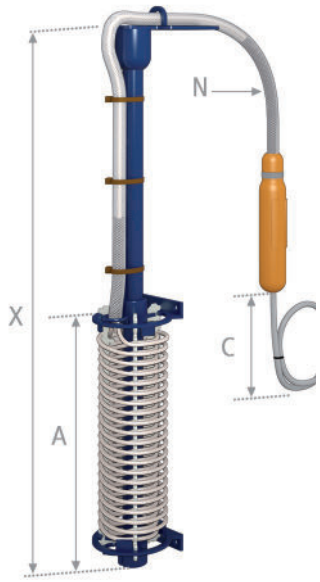
Installation on the side

The Galvatherm heaters are specially designed with a cable that only heats the part that is to be continually immersed.

The cable is composed of a heating resistance insulated with thermal and electric components on which is co-extruded a PFA sheath insuring a reliable chemical resistance..

The cable is rolled up according dimensions & shapes proposed and held with PVDF or PP strips which ensure the right distance between the rolls. To secure completely the heating part it is then mounted on a plastic rod in PVDF or PP.

Electric safety : the Galvatherm heater complies with protection class 1 of EN 60519-1/2. The cable is screened throughout the entire length by a copper earthing strip. The earthing must be connected to the earth. In order to provide maximum safety, a fault-current (FI) protection device (30mA) should be used.



Assembly type convenient for immersion heaters with diameter 85 mm and 120 mm
A = heating part
X = overal height
The X length cannot exceed 1800 mm

On a plastic rod structure (ø 20 mm) in PP or PVDF

Options and Accessories

The Galvatherm heater is only planned to heat liquids.

Extra length of cables



Electrical connecting cable C
of type H05 VV-F (PVC) or H07 RN-F (Neopren)

Non heating cable N
to go out of the tank

Removable guard



Perforated plastic guard in PP only
For C85 and C12 models

Ref : PRCPP

Cable-gland Ø75 mm



Allow between 200 to 300 mm extra on the H length (H=installation height on N)

Ref in PP : PEPP
Ref in PVDF : PEPF

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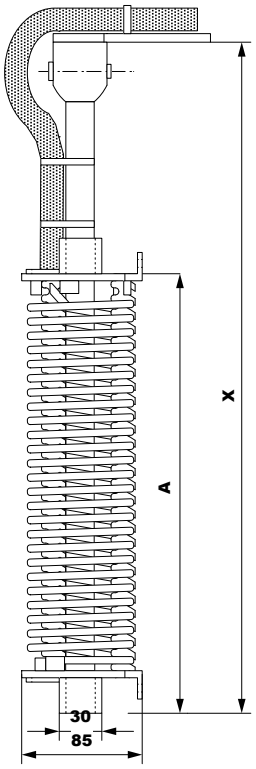
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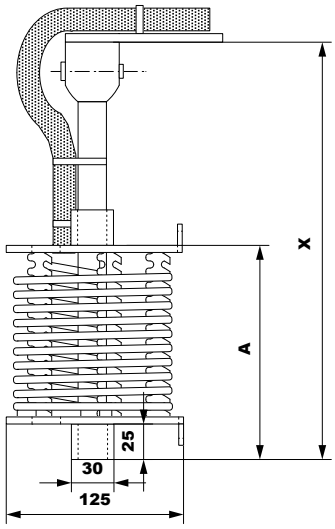
Single-phase					Three-phases				
kW		ØD	A	230V	kW		ØD	A	230V	400V
MONTAGE R										
0.5 kW	sg-ph	85	165	C85052	**1.5 kW**	3-ph	85	445	C85154	C85155
1 kW	sg-ph	85	260	C85102	**3 kW**	3-ph	85	755	C85304	C85305
1.5 kW	sg-ph	85	310	C85152	**4.5 kW**	3-ph	85	900	C85454	C85455
2 kW	sg-ph	85	390	C85202	**4.5 kW**	3-ph	125	570	C12454	C12455
3 kW	sg-ph	85	620	C85302	**6 kW**	3-ph	85	1140	C85604	C85605
4 kW	sg-ph	85	730	C85402	**6 kW**	3-ph	125	720	C12604	C12605
6 kW	sg-ph	85	1140	C85602	**9 kW**	3-ph	125	1140	C12904	C12905
6 kW	sg-ph	125	720	C12602	**12 kW**	3-ph	125	1320		C12125
					15 kW	3-ph	125	1530		C12135

ØD = outside diameter
A = overall length of the heating part
All dimensions are given ± 10 mm

Other voltages available : • 110V single-phase : from 0.5 kW to 2 kW • 460V single-phase : from 1 kW to 6 kW • 460V three-phases : from 3 kW to 15 kW • Standard cable coating in PFA single layer. For the construction of the reference, see following page.



C85 (ø 85 mm)



C12 (ø 125 mm)

Cylindrical heaters, codification

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Construction of the reference number

C85	00	05	2	0	P	0	0	S	1
diametre code	dim. code	power code	voltage code	0	cable code	N length code	C length code	assembly code	materials code
C85 = 85 mm C12 = 125 mm	00	05 = 0.5 kW 10 = 1 kW 15 = 1.5 kW 20 = 2 kW 30 = 3 kW 40 = 4 kW 45 = 4.5 kW 60 = 6 kW 90 = 9 kW 12 = 12 kW 13 = 15 kW	1 = 110V M 2= 230V M 3= 460V M 4 = 230V T 5= 400V T 6= 460V T	0	P D	0 = 1m 1 = 1,5m 2 = 2 m 3 = 2,5m 4 = 3m 5 = 3,5m 6 = 4m 7 = 4,5m 8 = 5m 9 = sup.5m	0 = 1m 1 = 1,5m 2 = 2 m 3 = 2,5m 4 = 3m 5 = 3,5m 6 = 4m 7 = 4,5m 8 = 5m 9 = sup.5m	R	1 2

Cable code details

P = PFA single layer 1 W/cm²
D = PFA double layer 1 W/cm²

Assembly code details

R = rigid

Support materials code

code	strips	other pieces
1 =	PVDF	PVDF
2 =	PP	PP