

Cylindrical heaters, type S

Galvatherm®

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

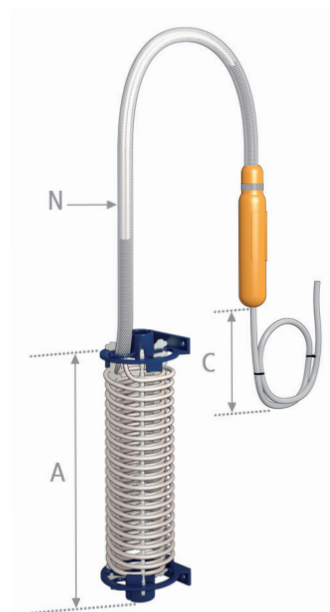
Installation on the side or at the bottom

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 Teflon® 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.

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

Structure materials 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

Feet for type S



Standard height 35 mm
For installation at the bottom of the tank
For C85 et C12 models

Ref in PP : PICPP
Ref in PVDF : PICPF

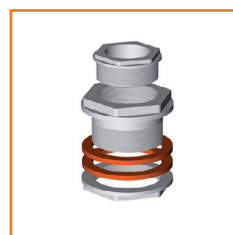
Removable guard



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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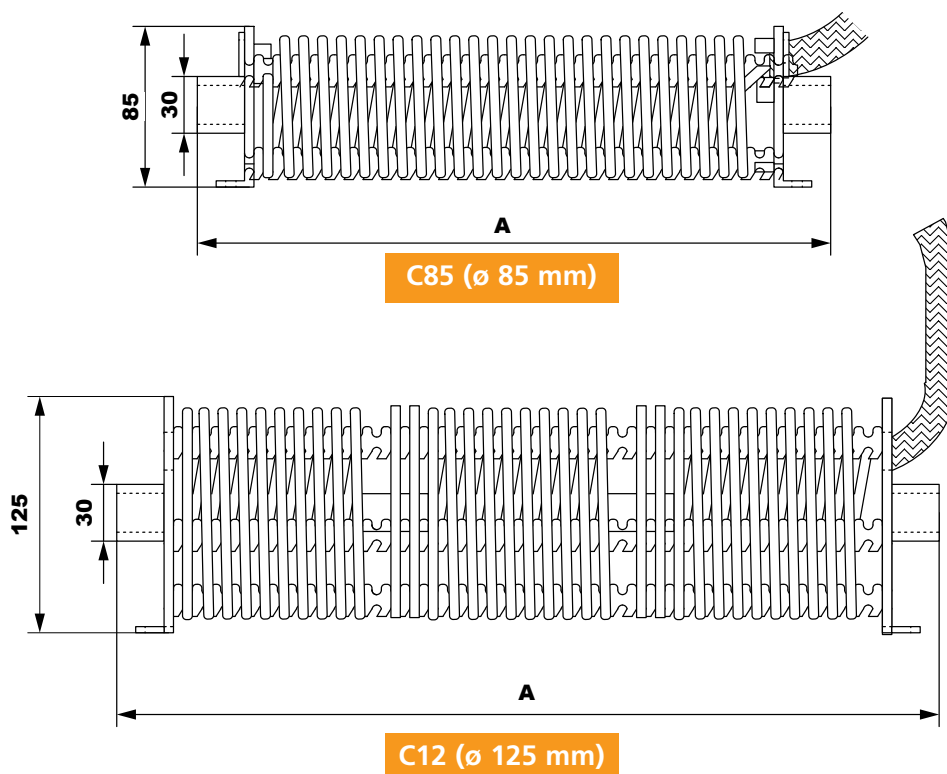
Single-phase					Three-phases				
kW		ØD	A	230V	kW		ØD	A	230V 400V
M O N T A G E S									
0.5 kW	sg-ph	85	165	C85052	1.5 kW	3-ph	85	465	C85154 C85155
1 kW	sg-ph	85	260	C85102	3 kW	3-ph	85	775	C85304 C85305
1.5 kW	sg-ph	85	310	C85152	4.5 kW	3-ph	85	920	C85454 C85455
2 kW	sg-ph	85	390	C85202	4.5 kW	3-ph	125	590	C12454 C12455
3 kW	sg-ph	85	620	C85302	6 kW	3-ph	85	1160	C85604 C85605
4 kW	sg-ph	85	730	C85402	6 kW	3-ph	125	740	C12604 C12605
6 kW	sg-ph	85	1140	C85602	9 kW	3-ph	125	1160	C12904 C12905
6 kW	sg-ph	125	720	C12602	12 kW	3-ph	125	1340	C12124 C12125
					15 kW	3-ph	125	1550	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 FEP single layer. Other coatings, please contact us for the choice. For the construction of the reference, see following page.



Construction of the reference number

C85	00	05	2	0	F	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	F G 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	S	1 2

Cable code details

F = FEP single layer 1 W/cm²
 G = FEP double layer 1 W/cm²
 P = PFA single layer 1 W/cm²
 D = PFA double layer 1 W/cm²

Assembly code details

S = flexible

Support materials code

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

