IMMERSION HEATING OF CORROSIVE LIQUIDS

1. Portable immersion heaters for corrosive fluids.



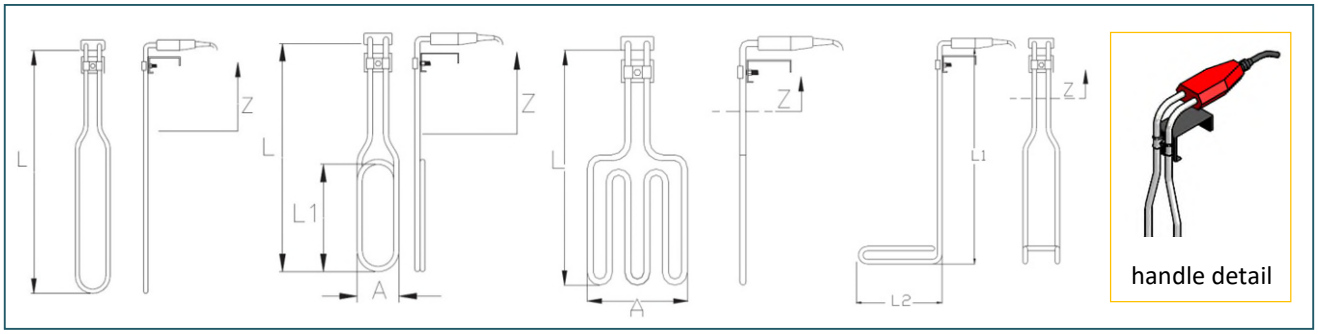
Special heaters for corrosive liquids, which allow to heat properly selected all the plating baths, acid, caustic soda, degreasing and any acid solution. It can adapt to any deposit and is provided with an IP65 head and grounded outpout cable.

Certificate: CE

1.1. Hairpin type with IP65 resin handle and top support.

These heaters are specially designed to replace the classic heaters made of Refractory, ceramic or metal sheaths.

Materials: Stainless Steel 321, Stainless Steel 316, Incloloy 800, Incoloy 825, Titanimum and Teflon.

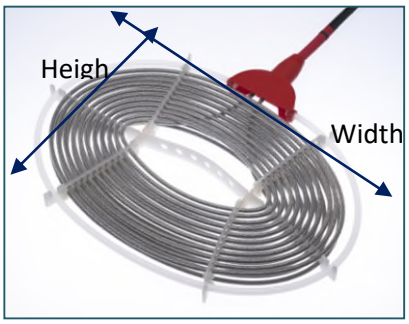


* customized on request.

Ref.	Material	W	V	Length mm (L)	Inactive Zone mm (Z)	W/cm²
1260H	Inox.316ø10	500	230	400	250	5,07
1262H	Inox.316ø10	1000	230	600	250	4,46
1263H	Inox.316ø10	1500	230	800	250	4,21
1264H	Inox.316ø10	2000	230	1060	300	4,18
1266H	Inox.316ø10	3000	230	1340	300	4,54
1366H	Inox.316ø10	4000	230	1640	300	4,73
8820H	Teflón ø12	500	230	700	300	1,98
8821H	Teflón ø12	1000	230	1100	300	1,98
8822H	Teflón ø12	1500	230	1590	300	1,85
8823H	Teflón ø12	2000	230	2030	300	1,84
8824H	Teflón ø12	3000	230	2900	300	1,83
1250H	Titanio ø10	500	230	400	250	3,98
1252H	Titanio ø10	1000	230	600	250	4,46
1253H	Titanio ø10	1500	230	800	250	4,29
1254H	Titanio ø10	2000	230	1060	300	4,18
1256H	Titanio ø10	3000	230	1340	300	4,56
1388H	Titanio ø10	4000	230	1690	300	4,57

1.2. Portable heater with brackets or standoffs

These heaters are designed to work in highly corrosive liquids and are manufactured using corrosion resistant fluoropolymers.
Its reduced thickness allows for easy installation in tight behind such baskets anodized spaces.



Certificates: CE and UL .

Ref.	W	V	Width x height	Thickn.
M512345878	500W	230V	292x292mm	25
M512345879	1000W	230V	292x292mm	25
M512345880	1500W	230V	445x292mm	25
M512345881	1500W	230V	292x445mm	25
M512345882	2000W	230V	445x292mm	25
M512345883	2000W	230V	292x445mm	25
M512345884	3000W	230V	445x292mm	25
M512345885	3000W	230V	292x445mm	25
M512345886	4000W	230V	445x292mm	50
M512345887	4000W	230V	292x445mm	50
M512345888	4500W	230V	445x292mm	50
M512345889	4500W	230V	292x445mm	50
M512345890	6000W	230V	445x292mm	50
M512345891	6000W	230V	292x445mm	50
M512345892	9000W	230V	445x292mm	75
M512345893	9000W	230V	292x445mm	75
M512345894	12000W	400V III	445x445mm	75
M512345895	12000W	400V III	573x418mm	50
M512345896	12000W	400V III	418x573mm	50
M512345897	15000W	400V III	573x418mm	75
M512345898	15000W	400V III	418x573mm	75
M512345899	18000W	400V III	573x418mm	75
M512345900	18000W	400V III	418x573mm	75

Important:

- All references include 1,5 meter of non-corrosive cable.
- Heaters can be provided with 12m cable length under request
- The minimum liquid level for all referrals must be 50mm above the height of the heater.
- The heaters are supplied with brackets for vertical or standoffs for horizontal mounting.
- In case of applications with Chrome please indicate so in you order.

1.3 Portable cylindrical heater

Typical applications: Electroplating, electro less plating, anodizing, acid pickling, frost protection for chemical storage tanks, chemical processing, marine water tanks and many more.



These heaters are designed to work in highly corrosive liquids and are manufactured using corrosive resistant Fluor polymers.

Its small size allows easy installation in tight spaces.

Certificates: CE and UL

Ref.	W	V	Ø x Height
M512345901	500W	230V	80x145mm
M512345902	1000W	230V	80x222mm
M512345903	1500W	230V	80x325mm
M512345904	2000W	230V	80x460mm
M512345905	3000W	230V	80x670mm
M512345906	4000W	230V	80x920mm
Chrome solutions:			
M512345907	500W	230V	80x145mm
M512345908	1000W	230V	80x222mm
M512345909	1500W	230V	80x325mm
M512345910	2000W	230V	80x460mm
M512345911	3000W	230V	80x670mm
M512345912	4000W	230V	80x920mm

Important:

- All references include 1,5m non-corrosive cable
- Heaters can be provided with 12m cable length under request
- The minimum liquid level for all referrals must be 50mm above the height of the heater.
- The heaters are supplied with standoffs for horizontal mounting.
- Brackets for vertical mounting are available separately
- In case of applications with Chrome, please indicate so in your order

1.4 Cylindrical electrical heater for corrosive solutions



liquids

These Heaters allows heating various types of substances and solutions of electrolytic or chemical processes.

Material: Stainless Steel 316, Titanium, Quartz, Porcelain or Teflon.

IP65 terminal box.

Applications: chemical solutions: Degreasing, acid pickling, polishing, phosphate, zinc, chrome, copper plating, nickel, silver, gold, fixed, cadmium, coloured.

* customized on request.