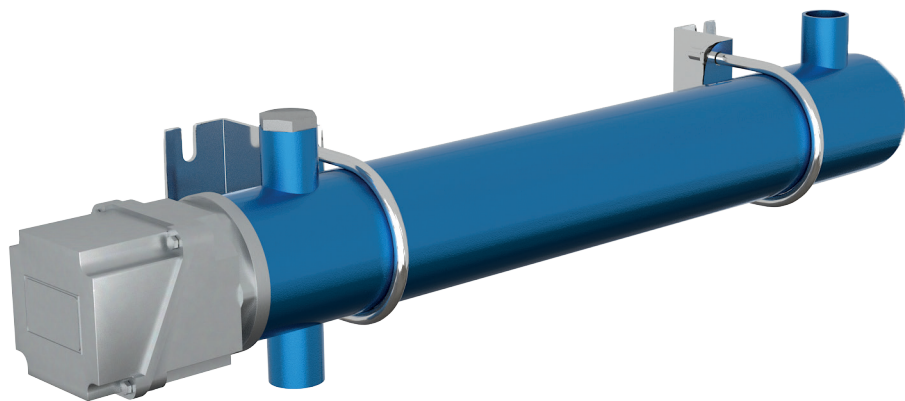


# Circulation Heaters

## Standard product ranges

HEATING LIQUIDS

HEATING GASES



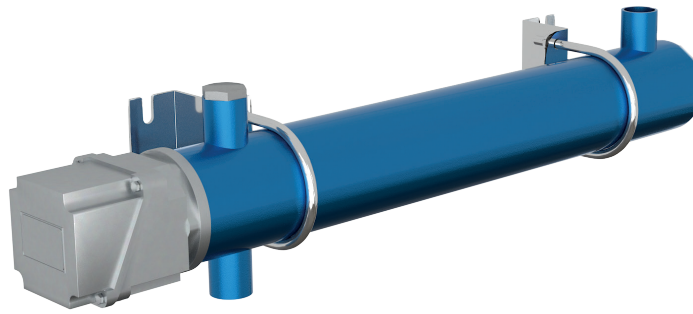
Circulation heaters are designed for pre-heating recirculating fluids (liquid or gas) up to 15 bar.

They are made of an immersion heater in a steel or stainless steel (on request) vessel with supports.

- Power from 3000 to 22500 Watts depending on the models
- Power panels are available

## Standard circulation heaters

### RPM model

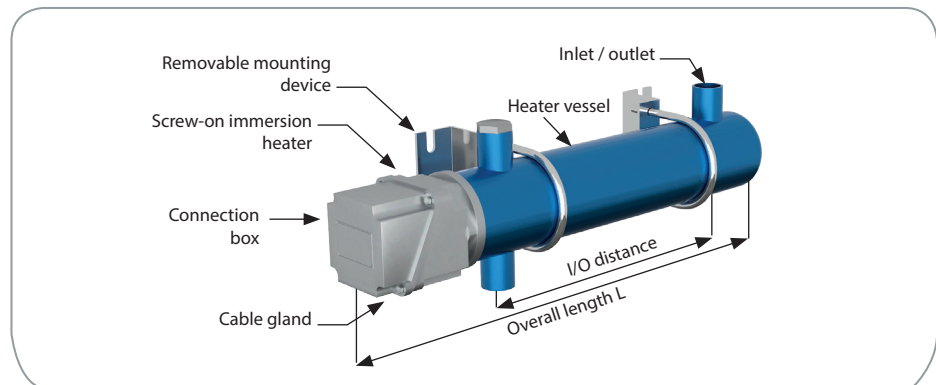


For pre-heating recirculating fluids (liquids or gases) up to 15 bar.

- Painted steel vessel with supports
- Screw-plug immersion heaters with brass plug and aluminium connection box, IP55
- Max. temperature 110 °C (higher on request)
- Adjustable thermostat, 30/90 °C
- 3 sleeves 1" or 1" ½ gas, depending on the size

### On request

- These circulation heaters can be connected to each other in series to achieve high heating power
- Other thermostat or limiter
- Stainless steel model



### For water heating

Stainless steel AISI 316L heating element at 8 W/cm<sup>2</sup>, 400 V 3PH

Ref.	I/O distance (mm)	Overall length L (mm)	Inlet / outlet diameter	Power (W)
RPM-045C8	350	610	1" Gas	4500
RPM-060C8	350	610	1" Gas	6000
RPM-090C8	600	860	1" Gas	9000
RPM-135C8	1100	1400	1"½ Gas	13500
RPM-180C8	1100	1400	1"½ Gas	18000
RPM-225C8	1100	1400	1"½ Gas	22500

### For heating water-based solutions/heat transfer fluids

Stainless steel AISI 316L heating element at 4 W/cm<sup>2</sup>, 400 V 3PH

Ref.	I/O distance (mm)	Overall length L (mm)	Inlet / outlet diameter	Power (W)
RPM-030C4	350	610	1" Gas	3000
RPM-045C4	600	860	1" Gas	4500
RPM-060C4	600	860	1" Gas	6000
RPM-075C4	1100	1400	1"½ Gas	7500
RPM-090C4	1100	1400	1"½ Gas	9000
RPM-120C4	1100	1400	1"½ Gas	12000

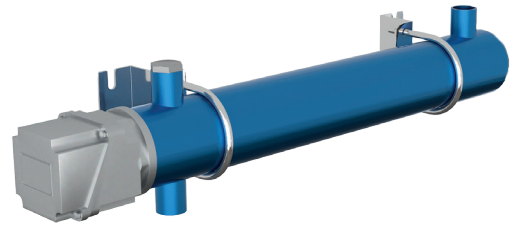
### For fuel/heat transfer fluids, air

Stainless steel AISI 316L heating element at 2,5 W/cm<sup>2</sup>, 400 V 3PH

Ref.	I/O distance (mm)	Overall length L (mm)	Inlet / outlet diameter	Power (W)
RPM-030C2	600	860	1" Gas	3000
RPM-045C2	1100	1400	1"½ Gas	4500
RPM-060C2	1100	1400	1"½ Gas	6000
RPM-075C2	1100	1400	1"½ Gas	7500

All CETAL products can be adapted to your specifications.

Contact us!



Flange immersion heaters



Screw plug immersion heaters



Removable immersion heaters



Circulation heaters



Cast line heaters



Air duct heaters



Industrial convectors



Formed elements



Cast elements



Ribbed heaters



Anti-condensation heating elements



Bolt heaters



Power control panels – Standard range

