WTG–QUANTOR GMBH

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QUANTOR KREYER

Heating Rod

HR 1000



Heating Rod

HR 2000



DESCRIPTION

The heating rods **HR** are used for temperature control by biological acid reduction and by fermentation of special mediums that do not ferment easily.

Both models are regulated with a thermostat that reacts to the measured temperature of the fermenting medium.

The temperature can be accurately selected by turning the degrees button. When the set-temperature is reached, the heating rod switches itself off. When the temperature decreases, it will switch itself automatically back on. This prevents the wine from over-heating and the set temperature is kept stable, as required for example, by biological acid reduction.

CHARACTERISTICS

- For insertion in the top vent of the tank

CHARACTERISTICS

- For insertion in the racking point through the flap-valve
- Thread: NW 37; including flap-valve at your choice with Try-Clamp, Garolla or Mâcon thread

	Model	HR 1000
TECHNICAL DATA	Power supply	230V / 1Ph / 50Hz
	Capacity	1000 W
	Temperatur range	5 - 40°C
	Length of cable	2,80 m
	Dimensions Weight	Length: 600 mm; Ø 25 mm ~ 1,3 kg

	Model	HR 2000
TECHNICAL DATA	Power supply	230V / 1Ph / 50Hz
	Capacity	2000 W
	Temperatur range	0 - 40°C
	Length of cable	2,70 m
	Dimensions Weight	Length: 670 mm; Ø 36 mm ~ 2,8 kg

Specifications subject to change.

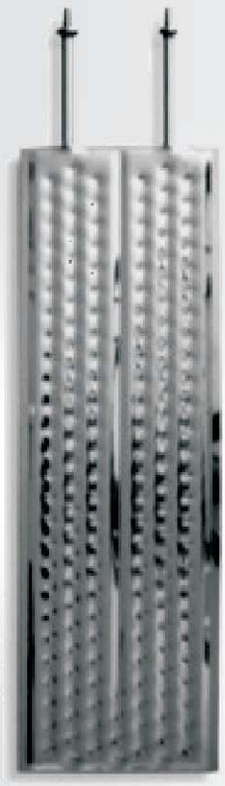
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HEAT-EXCHANGERS

WINE BEER CIDER DISTILLATES









QUANTOR

Heat Transfer Panels

EP



DESCRIPTION

The heat-exchange plates **EP** allow perfect control of the temperature during alcoholic fermentation and biological reduction of acids. They are made of stainless steel with an electro-polished surface.

These panels are available in many sizes and can therefore be accurately selected for your application. The **EP** plates are suitable for application in stainless steel, concrete, enamel or PVC tanks as well as in barrels. Also larger tanks and containers can be cooled with the **EP** heat-exchange plates.

The panels are to be placed inside the tank and connected to the water system. Cold water supplied by the cooling-unit will circulate through the plates in the system. The cooling energy will be transferred to the fermenting medium and the naturally emanating heat from the fermentation process will be absorbed and removed. The **EP** plates are equally suitable for heating.

CHARACTERISTICS

- Various models / sizes available
- For containers between 500lt and 100.000lt according to model / size and number of plates
- Panels for bigger containers available - please enquire
- Fittings: ½" or 3/4", 300mm (from them 100 treaded), according to model / size
- Max. work pressure: 3 bar

Tube Heat-Exchanger

'SERPENTINE' KSR



DESCRIPTION

The heat-exchange spirals **KSR**, also known as 'Serpentines', are made of round-bent stainless steel tube (inner diameter 18mm). Their surface is electro-polished with firm anchorage rods along the spiral ending with stable feet.

A main advantage of the 'Serpentines' is their relatively large surface, and with it the good heat-exchange capacity. They can be set for application in tanks, but their main application area is the cooling and heating of red-wine must in vats.

The **KSR** are available in four sizes. They are suitable for application in stainless steel, concrete, enamel or PVC tanks as well as in wooden barrels.

CHARACTERISTICS

- Available in 4 sizes: KSR 10 / 15 / 20 / 25
- Diameter: 274mm to 364mm according to size
- Height: 1,00m to 1,91m (with another 200mm fittings)
- Serpentines for bigger containers available - please enquire
- Fittings: ¾" female (inner thread)
- Max. work pressure: 6 bar

Technical specifications are subject to change without prior notice.

Flexible Cooling Tube

KRI



DESCRIPTION

The flexible heat-exchange tubes type **KRI** are especially suited for cooling or heating of small containers. The tubes are made of stainless steel and are equipped with a flexible PVC inner-tube. The concept allows fitting sufficient heat-exchange surface into the tank also in tight places, such as cellars with a low or arched ceiling.

The cooling tubes **KRI** are suitable for application in stainless steel, concrete, enamel or PVC tanks as well as in barrels. A main advantage is that they can be fitted immediately also into full containers, for example through the hole on top of the barrel.

The KRI heat-exchange tube will be hung through the opening at the top of the container. Cold water will circulate through the plates in the system. The cooling energy will be transferred to the fermenting medium and the naturally emanating heat from the fermentation process will be absorbed and removed. The **KRI** tubes are equally suitable for heating.

CHARACTERISTICS

- Six models available: KRI 06 / 15 / 25 / 35 / 50 / 80
- Length: 0,60m – 8,00m, according to the model
- For containers from 500lt to 8,000lt, according to model
- Fittings: Inlet ½" male (outer thread); outlet ½" female (inner thread)
- Suitable for barrel openings from min. DIN 40
- Max. work pressure: 3 bar

Flexible Cooling Tube

KR-COMPLETE



DESCRIPTION

The cooling-tubes type **KR-Complete** are especially suitable for the use in small containers. The tubes are made of stainless-steel, equipped with quick-fitting coupling. The **KR-Complete** is supplied with the transparent fermentation-tube for noting the fermentation intensity at a glance. These are set into a rubber plug suitable for fixing into the barrel top hole.

The **KR-Complete** are suitable for application in stainless steel, concrete, enamel or PVC tanks as well as in barrels. They can be fitted also into full containers. The heat exchange tube will be hung through the opening at the top of the container. Cold water will circulate through the tubes in the system. The cooling energy will be transferred to the fermenting medium and the naturally emanating heat from the fermentation process will be absorbed and removed. The tubes are equally suitable for heating.

The **KR-Complete** is available in five different sizes, with tube lengths from 2,00 up to 10,00m.

CHARACTERISTICS

- Five models: KR-Complete 20 / 40 / 60 / 80 / 100
- Tube length: 2,00m – 10,00m, according to model; the tube doubles itself, resulting in final lengths of 1,00m - 5,00m
- For containers from 500lt to 3.000lt, according to model
- Connections: quick couplers
- Max. work pressure: 6 bar

Technical specifications are subject to change without prior notice.

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