

Professional heating technology for  
industry and laboratory applications

## Fiberglass heating panels series HM-HPG-250S and HM-HPG-450

for surface temperatures up to 450°C



### Description:

Connection-ready heating panels with insulation, layout in all geometric forms. Evenly warm surface. Flexible surface heating, construction based on a PTFE- or glassyarn-insulated heating conductor, which was sewn on glassyarn weave and insulated with different temperature stable fleece. Outside surface can be aluminium- PUR or PTFE coated weave.

### Features:

- easy mounting and dismounting
- large diversity of geometric forms possible
- segments could be regarded
- low surface strain
- with integrated temperature sensor

### Applications:

These heating panels are used preferably for the warming up and maintenance of liquid or gas media in containers, tanks, hoppers or transportcontainers etc.



## Technical data

## HM-HPG-250S

nominal voltage	230 V
nominal power	process-dependant
outer sheath	aluminium-silicon or PUR-coated fiberglass
inner sheath	aluminium-silicon or PUR-coated fiberglass
insulation	fiberglass, strength according to installation conditions
heat conductor	PTFE-insulated resistance element
attachment type	hook and eye or velcro
protection class	I
protective system	IP 65 (protected against spray water)
sensor type	PT100 or thermocouple
surface temperature (switched on)	max. 250°C
power supply cable	for direct connection

## Technical data

## HM-HPG-450S

nominal voltage	230 V
nominal power	process-dependant
outer sheath	fiberglass
inner sheath	fiberglass
insulation	fiberglass, strength according to installation conditions
heat conductor	fiberglass-insulated resistance element
attachment type	hook and eye or velcro
protection class	0
protective system	IP 20 (not moisture proof)
sensor type	PT100 or thermocouple
surface temperature (switched on)	max. 450°C
power supply cable	for direct connection

## Accessories

For temperature regulation we suggest our program of electronic temperature regulation appliances as well as the corresponding temperature sensors.



Electronic temperature regulator HM-EC210



Electronic temperature regulator series HM-RD1000



Regulator- and limiter combination HM-RD3012



Temperature sensors

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