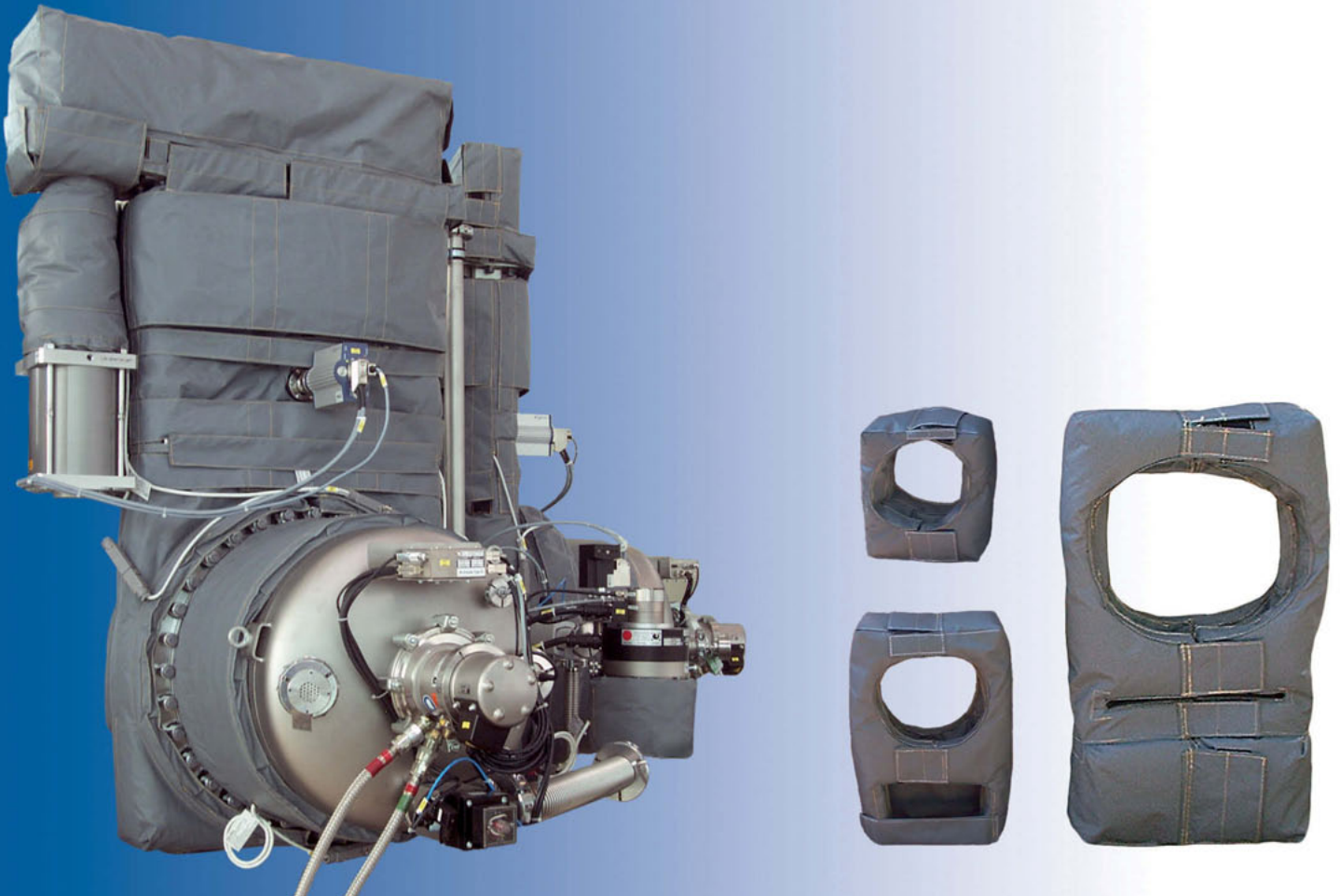


Vacuum valve heater



Gate valve • Transfer valve • Angle valve

DN 16 up to DN 500

flexible, slim and lightweight
bake out up to 185°C
in sizes from DN16 up to DN500
fully clean-room compatible
maintenance friendly
integrated thermoregulation available
UHV bake out up to 320°C

heating solutions for
clean process

manufactured by Hemi Heating AB • Sweden

Heater jackets for Gas- and Vacuum supply

Heater for SS valves

for all gate valves and right angle valves in sizes DN16 to DN500

Insulation Thickness • 18 to 26 mm (depending on max. operation temperature)

Design

Combined heater jacket with integrated heater cable in a compact thermal insulation with geometries in accordance with customer technical specification.

Insulation Fabric	<ul style="list-style-type: none">• fully clean-room compatible• flexible one-piece design & simple assembly• Velcro opening and closing• multiple assembly and dismantling without damage• Teflon coated surface sealing• robust, dirt-repellent and easy to clean; easy to maintain
Thermal Insulation	<ul style="list-style-type: none">• free from glass fibres and mineral wool• filling material Nomex, META-Aramide fibre
Heating Element	<ul style="list-style-type: none">• integral Cr-Ni heating cable, double glass fibre insulated
Connecting Cable	<ul style="list-style-type: none">• flame-retarding, silicon insulated FRNC• no corrosive halogenes in compliance with IEC 331-1 and VDE 0207
Temperature Control	<ul style="list-style-type: none">• via external allocated control channel• or complete set with point of use auto regulator available

Technical Characteristics

Temperature Range	• 10 – 185°C (higher on request)
Thermal Conductivity	< 0,055 W/mK
Power Supply	• 230V (115 V / 100 V / 24V on request)
Load (typical)	DN 25 40W DN40 55W DN63 88W DN100 150W DN250 750W DN400 1650W DN500 2500W
Safety Switch	• 200°C bimetallic over temperature switch integrated in the jacket
Safety Standard	• EN 61010-1 : 2010 / corr.2011, EN 61010-2 : 2003, EN 61000-4 corr. 2011, CE mark
Fire Resistance	• in compliance with UL 214
Type	• HJCL-GV-DNxxx-yy0 V
For typical Models	<ul style="list-style-type: none">• VAT - Series 01, 012, 10, 14, 19, 26, 64, 65• BOC - Series GVI, GVC• HVA - Seies 11000, 13000, 21200, 21700

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