



CRN TECNOPART, S.A.

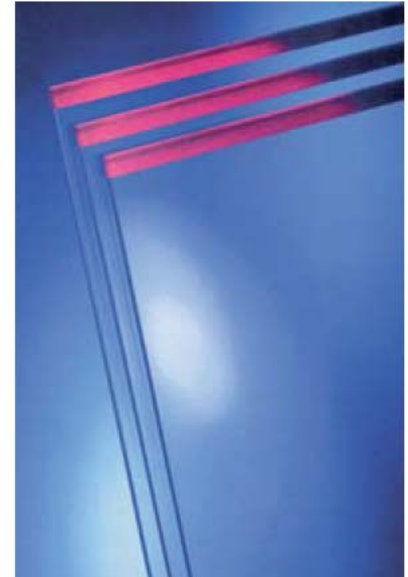
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CV-170.10E

HVT SURFACE HEATING ELEMENTS

HVT 1 BASIC ELEMENT 250 °C

Rated voltage	12 - 660 V AC/DC
Power consumption	up to 3 kW/m ²
Continuous temperature	controlled up to 250°C depending on the design
Glass thickness	4 – 6 mm, SPSG
Transparency	approx. 75%
Surface	from approx. 0.1 m ² up to 4 m ²
Weight	4 mm 10 kg/m ² , 6 mm 15 kg/m ²
Control	attachment of sensors is possible
Accessories	measurement and control devices freely selectable



Additional properties

- High transparency
- Large surface and uniform heat development
- High level of thermal radiation
- Very short heating time through high power output with low mass
- High tensile strength through SPSG safety glass
- Long service life, no measurable wear



Application examples

- Panel radiators in many shapes, colours and sizes
- Wall and ceiling heating systems, also flush mounted
- Drier ovens
- Hotplates, heating plates
- Window or door panel heating
- Mist-free windows in cold-storage depots, refrigerated displays, construction machinery
- Sight glasses on machines and installations
- Additional heating for window ledges, tiled ovens and tiled walls
- Heating elements for industry
- Heating elements for aquariums and terrariums
- Heating elements for indoor swimming pools and hospitals

Range of stock for HVT elements,
dimensions in cm, power from 1.0 – 5.0 kW

25 x 15	30 x 15	30 x 30	50 x 25	40 x 40	50 x 50	50 x 100
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HVT 4 AND 5 INSULATED GLASS HEATING ELEMENTS 60°C

Rated voltage	50 – 230 V
Power approx.	400 – 800 W/m ²
Temperature	60°C, maximum
Glass thickness	see construction
Translucence	approx. 80 %
Surface	0.1 – 4 m ²