

Heating Technology for the most challenging applications

Standard Products

T Series Thermostats

- Integrated 35mm DIN Rail mounting features
- Screw terminals for easy installation
- Compact
- Normally closed version for controlling heaters
- Normally open version for controlling fans and signals
- UL, VDE and CSA approvals



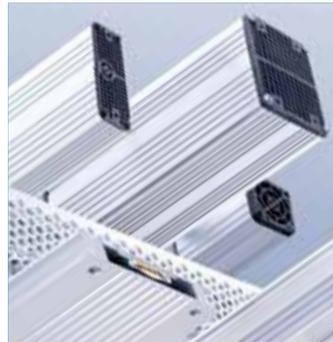
Cirrus Range Forced Convection Heaters

- Safe PTC based dynamic self-regulating heaters
- Power range from 5 to 800 W
- Voltage range 12/24VDC - 115/230 VAC
- Excellent power to size ratio
- Independent fan circuit to aid circulation
- UL, VDE and CSA approvals



Nimbus Range Natural Convection Heaters

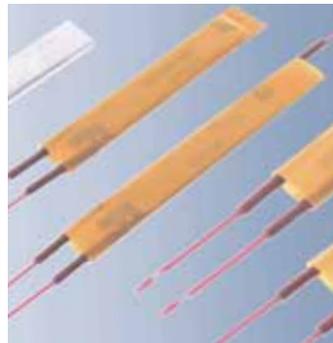
- Safe PTC based dynamic self-regulating heaters
- Power range from 10 to 150 W
- Voltage range 115/230 VAC
- Pre-wired and easy to install
- Excellent power to size ratio
- UL, VDE and CSA approvals



EB Elements

Built-in PTC Based Heating Elements

- Safe PTC based dynamic self-regulating built-in elements
- Temperature range 104 to 428°F
- Voltage range 12/24VDC - 115/230 VAC
- Wide range of profile lengths
- Custom wiring options available on request
- UL, VDE and CSA approvals



HP Series Surface Heaters

- Safe PTC based dynamic self-regulating heaters
- Temperature range 104 to 428°F
- Voltage range 12/24VDC - 115/230 VAC
- Range of profiles available
- Mounting options
- Custom wiring options available on request
- UL, VDE and CSA approvals





Thermo Electric Cooler Series (TEC)

Cooling Technology

- Air-to-air thermoelectric coolers, employing forced air convection provided by IP54 axial fans
 - Standard range provides assemblies from 60 to 200 W
- Custom designs are available by request



FL Filter Fan Series

Cooling Technology

- Mounting without screws
- CFM capacities of 26 - 388 cfm
- Standard Ingress Protection
- IP54, IP55 on request
- EMC version available on request
- Voltage range 115/230 V
- Special Voltages (48 V DC, 400 V 3~...) on request

Custom Solutions

Open Coil Technology Flatwire Heating Elements

- Large surface area flat wire technology
- Excellent convective and radiant heat transfer
- Voltage range 115/230/400 V
- Power range from 400 W to 50 KW
- Temperature range up to 1472°F
- Easy to integrate into custom application
- Light weight and efficient



LA /SHE Series PTC Fan Heater Housing Assemblies

- Design-in PTC fan heater housing assemblies
- Modular
- Compact
- Ready for connection
- Flat design available for manifold use
- Easy to integrate into custom application
- Power range 600 W to 1.3 KW
- Voltage 230 V AC



HT Series PTC Heating Discs

- Safe PTC based dynamic self-regulating heating discs
- Temperature range 356 to 554°F
- Voltage range 115/230 V AC
- Equipped with spade terminals for electrical connection
- Two profile diameters available
- Central mounting hole with anti-rotate tabs
- UL, VDE and CSA approvals



HR Series Compact Finned Resistor Air Heaters

- Safe PTC based dynamic self-regulating heater assemblies
- Design-in type product
- Power range up to 2.5 KW
- Voltage range 115/230/400 V AC
- Built in thermal limiting devices available on request
- Compact mounting frames available
- UL and CSA approvals



Custom Assemblies Facility

In addition to our comprehensive range of heating products and solutions we also offer an added value custom assembly and design facility.

- Customer specific assembly facility
- In house fully comprehensive product design
- Other heating technologies, e.g. tubular heating elements
- Application specific testing using our in-house climatic chamber
- Professional engineering drawings to customer specific design

DBK has committed itself to being at the forefront of heating technology internationally since the company was founded in 1946.

We have used our experience in this field to develop a range of solutions designed to allow customers to get the very best performance from their products.

Our use of creative and innovative techniques, coupled with rigorous research and product development, means that specifying our heaters will give you confidence that you are providing your customers with the very best.



DBK USA INC.

212 Northeast Drive
Spartanburg, SC 29303

Phone: (864) 599-1600

Fax: (864) 578-6464

info@dbk-usa.com

www.dbk-usa.com