

Cylindrical Heating Applications where cooling efficiency is critical

Applications: Extruders and Blow Moulding Machines

Technical Specifications

- | | |
|-----------------------------|--|
| ▶ Max Operating Temperature | 800° C or 1500°F |
| ▶ Heater Inner Diameter | 2½" or 65mm and up |
| ▶ Width | 1½" or 38mm and up |
| ▶ Thickness | 12mm |
| ▶ Rated Voltage | Upto 480 V (single or three phase) |
| ▶ Watt Density | Upto 50 W/in ² |
| ▶ Resistance Tolerance | NEMA Standard plus 10% Minus 5% |
| ▶ Wattage Tolerance | NEMA Standard plus 5% Minus 10% |
| ▶ Terminals | Junction Box fitted with braided cable & Post terminals & many more options |
| ▶ Sheath Material | ALSTAR Aluminium coated steel (rust protection, high heat retention, faster heating) |
| ▶ Clamping Arrangement | M6 & M8 fastner |



Features

- ▶ EXCEL's Perforated Ceramic heater is used where the cooling is more important than heating. It features 60% open perforated metal sheath, which assures maximum surface area exposure for cooling
- ▶ They also provide the user with a more economical operation, via a rapid heat-up and cool-down feature include lower cost, replaceable heaters, low maintenance and precise temperature control
- ▶ Perforated ceramic heater bands are available in various sizes to either accommodate new designs or to replace less efficient, more expensive cast aluminum heaters