

# Heaters with Mica insulation



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## Technical data

### Model variations:

Type Z: Basic design  
 Type ZAW: Basic design with additional insulation  
 Type ZWM: Basic design with additional air jacket

### Jacket material:

FAL, respectively galvanized white plate

### Wall thickness respectively deposition:

Z ~ 5 mm; ZAW ~ 8 mm; ZWM ~ 20 mm

### Operating temperature:

Up to 280°C max\*  
 \*Measured at the surface of the heated side

### Load:

Up to 3,5 Watt/cm<sup>2</sup>

### Operating voltage:

Standard 230 Volt, others available on request

### High voltage stability:

1500 Volt AC

### Insulation resistance:

Cold ≥ 5 MOhm at 500 Volt DC

### Capacity tolerance:

± 5%

- Ideal barrel heating
- Used on all current types of machine in the injection moulding and extrusion industry
- Ring, flat and frame shape
- With cut outs and holes available
- With thermocouple connectors
- With brass baffle plate for better heat distribution as well as by-pass of grooves and holes
- Long life times with simple assembly
- Multipart design - respectively segment design



ZAW

ZWM

Frame Heater

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