

Aluminum Cast Heater

DHE® casted heaters can construct with tubular heater inside in aluminum or bronze. If a higher temperature required and wattage density is more than normal DHE® recommend to use bronze casting. Wide application are covered by cast heaters as follow. Every custom size can produced in different cooling parameters and variety of termination.

Technical Specification

Size	: Square, Rectangle, Round with air cooled fins or with water cooling
Voltage	: 110V, 230V, 380V, 430V
Terminal	: screw type / terminal box / crimped lead
Max. temp.	: 400°C in aluminum, 600°C in Bronze
Wattage	: 30W/Inch ² in aluminum, 45W/Inch ² in bronze
Machined tolerance	: +2mm in diameter ± 3mm in length
Heater specification	: as per immersion heaters data
Test certificate	: Available on request

Features

- Easy to fit
- Excellent mechanical strength
- High watt density can construct
- High operating temperature
- Blower attachment can built
- Uniform heating & contact surface
- Fast & effective cooling
- Air cooled fins for blower from outside or inside

Application

- Extruder barrels
- Extrusion die head
- Packaging machinery
- Food warming
- Glue pots
- Rubber press
- Vacuum forming
- Hot stamping

Cast Water Cooled Heater

A heating element & an integral cooling tubes are cast in these heaters for uniform process controls. Cooling tubes size 3/8", 1/2" are available in stainless steel or incoloy.



Cast Plate Heater
at 45° cut



Cast Plate Heater



Cast Plate Heater with
replaceable coil



Square heater



Water Cooling System



View of heater
& water tube



Barrel Heater



Heater with
replaceable coil