

Direct Immersion Heaters

apogee
Technology Inc.

Highest Watt Densities Commercially Available

DI Heater Performance and Features

- Can be added to existing furnace side bay
- Near 100% Energy Efficiency
- Sub-surface Conduction Heating
- Minimum Watt Density of 70 W/in²
- Ideal for Aluminum Melting Processes
- Chemically Resistant Ceramic Protection Sheath
- Rigid Internals Provide Mechanical Strength
- Low Maintenance, Years of Heating Element Life
- Various Lengths and Diameters
- Uniform Temperature Throughout Metal Depth
- Precise Temperature Control
- Metal Quality Retention
- Automated Lifting Device Available
- Overall Length 18-41" Available
- Effective Heated Length 14-34" (24"STD), 2.3" Diameter



Protected by the following U.S. Patents: 6,872,924; 6,850,551; 6,680,023; 6,613,118; 6,470,041; 6,069,919; 6,049,067; 5,963,580; 5,894,541, 5,850,073; 5,850,072; others pending

