

Ask your Castec Sales Representative about our new energy-saving By-Pass Gates now available on all Sand Heaters !!!

LP FEATURES

- Space Saver Design
- Less Headroom Required
- Extended Reach from Hopper Centerline
- No Moving Parts
- Rugged Construction
- Easy Installation
- Hassle-Free Maintenance
- Easy Operation
- Temperature Stability to +/- 4 Degrees F.
- Continuous or Intermittent Operation

ELECTRIC CONTINUOUS FLOW SAND HEATERS

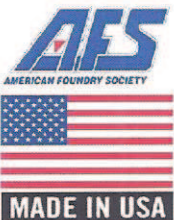


Model ECH-300 LP

- Optional Dual Heater Configurations are available and can accommodate Sand Capacities up to 5,000 lbs/min.
- Heater Sizes Range from 20 KW to 240 KW and can accommodate Sand Capacities from 50 up to 2,500 lbs/min.

CASTEC CONTINUOUS FLOW ELECTRIC SAND HEATERS...

Eliminate "cold sand" problems. They quickly and effectively heat sand to the temperature desired for individual no-bake operations. Their High-Performance characteristics supply heated sand at the temperature required to attain productivity through predictable set times with no-bake, chemically bonded sand systems. This degree of control can dramatically improve casting quality and provide substantial cost savings on catalyst and greatly reduce scrap from cores and molds.



ELECTRIC SAND HEATER CAPACITY FORMULA

$$\Delta T = \frac{\text{BTU}}{\text{Wt. Material (Lbs)} \times \text{Sp Heat (Sand)} \times 60 \text{ (Minutes)}}$$

$$\Delta T = \frac{(90 + 150 \text{ KW}) \times 3,412}{1,000 \text{ Lbs} \times .21 \times 12,600} = 65^\circ\text{F}$$

"T" Temperature in Fahrenheit

Castec's efficient Heater designs and unique features will provide rapid payback return and increase your



Model ECH-1000

The **CASTEC ECH-1000 SAND HEATER** delivers up to 1,000 lbs/min. of controlled temperature sand to continuous mixers Help to ensure optimum, year-round performance with air-setting, chemically Bonded sand.



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**CALL CASTEC TODAY AT (724) 258-8700
FOR YOUR COMPETITIVE EDGE!!!**