



# NOH HEATER

## (NON-OBSTRUCTING HEATER)

Hydro-Thermal's newest innovation is called the NOH, or the Non-Obstructing Heater. The NOH's straight-tube design allows unrestricted flow, prevents pressure drop and heats slurries without plugging or fouling. The NOH's rugged design and materials of construction allow it to handle abrasive materials, minimizing wear on internal parts.



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Close-up of NOH body with actuator, which comes included on all models.



The straight-through design of the NOH.

## APPLICATIONS-

- Thick, viscous slurries
  - Pulp bleaching, cellulosic ethanol, meat slurry
- Products with particulates
  - Diced vegetables and blanching
- Anything abrasive or corrosive
  - Injection of CO<sub>2</sub>, Meters/Gases, Mining, Metals & Cement/Soil Slurry
- Stringy products
  - Municipal and industrial wastewater
- Inline water heating
  - With a large temperature rise

## BENEFITS-

- Low pressure drop
- Unrestricted flow
- Quiet, noise-minimizing design
- Rugged, able to handle abrasive materials
  - Sand, grit or large particulate/fibrous materials
- No special tools needed for maintenance
- Reduction in steam leakage
- Large range of operation
- Trim heating control for high turndown