

Profile

EHS™ — ENGINEERED HEATING SYSTEMS

EHS™ -Engineered Heating Systems are completely ready to use liquid heating systems. These steam injection systems are pre-piped and ready for installation. Simply connect air, electricity, steam and liquid and the EHS™ system is ready to work.

Hydro-Thermal developed the EHS™ line based on many years of experience in designing and providing application specific liquid process heating systems for hundreds of processing and manufacturing industries.

Each system blends the benefits of our expertise in process heating with the superior performance of our Hydroheater® direct contact steam injection heater.

FEATURES/BENEFITS

- **Fully assembled.** Ready to connect and operate. Eliminates long and costly engineering and design time.
- **Easy to fit.** EHS™ systems easily fit into process piping and can be wall or skid mounted.
- **Precise temperature control.** EHS™ systems provide precise temperature control to $\pm 1/2^\circ\text{F}$ ($1/4^\circ\text{C}$) with final temperatures up to 300°F .

- **Temperature turndown without hammering.** Stable operation whether you turn the temperature down one degree or 100 degrees.
- **Fast, efficient.** EHS™ systems offer quick heating with no warm-up time needed and 100% thermal efficiency.
- **Money-back guarantee.** A full money-back guarantee if the EHS™ system doesn't perform to the user's requirements.

OTHER ADVANTAGES

- Low maintenance.
- Accommodates wide range of liquid flow rates.
- Heats many types of viscous and water-like slurries.

TYPICAL APPLICATIONS

- Heating jacketed vessels and reactors.
- Central hot water systems.
- Tempered water for heat exchangers
- Sterilization and waste stream applications.
- Fermentation and brewery heating.
- Heating textile processing materials.
- CIP applications.
- Heat source for chemical processing lines.
- Pilot plant applications and many, many more.

Call us at **1-800-952-0121** for more information or for a detailed consultation on your particular heating application.

EHS™ — ENGINEERED HEATING SYSTEMS

A standard EHS™ - Engineered Heating System consists of an appropriately sized Hydroheater®, piping, controls and instrumentation. Selecting and designing the right EHS™ for your needs takes less than a day.

