

# DEVCO PROCESS HEATERS ELITE-HE

Direct-Fired Heater

ZEECO®



## RELIABLE AND EFFICIENT HEAT PRODUCTION

The Devco Process Heaters ELITE-HE is an API-style direct-fired heater engineered for high-efficiency performance and increased reliability for midstream applications. The system is designed for long service life with optimized combustion and patent-pending intercooled tube supports. The ELITE-HE is combined with advanced combustion controls and Zeeco's recirculation skid package to provide a turnkey solution for your hot oil heating needs.

## APPLICATIONS:

- › Oil & Gas Processing
- › Petrochemicals
- › Power Generation

## KEY FEATURES:

- › 1 to over 100 MMBtu/hr range in a single heater
- › Standard 85% Net Thermal Efficiency (NTE), with the capability to increase to 90% NTE to help you save on fuel costs
- › Patent pending intercooled tube support manifold
- › Two separate isolated chambers (radiant & convection) designed for optimum heat transfer efficiency, increased capacity, and greater efficiency
- › Standard '2D' tube spacing, for long life and improved heat distribution
- › High turndown ratio with automated forced-draft burner systems
- › Modular design for ease of shipping and installation

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## COMBUSTION MANAGEMENT SYSTEM:

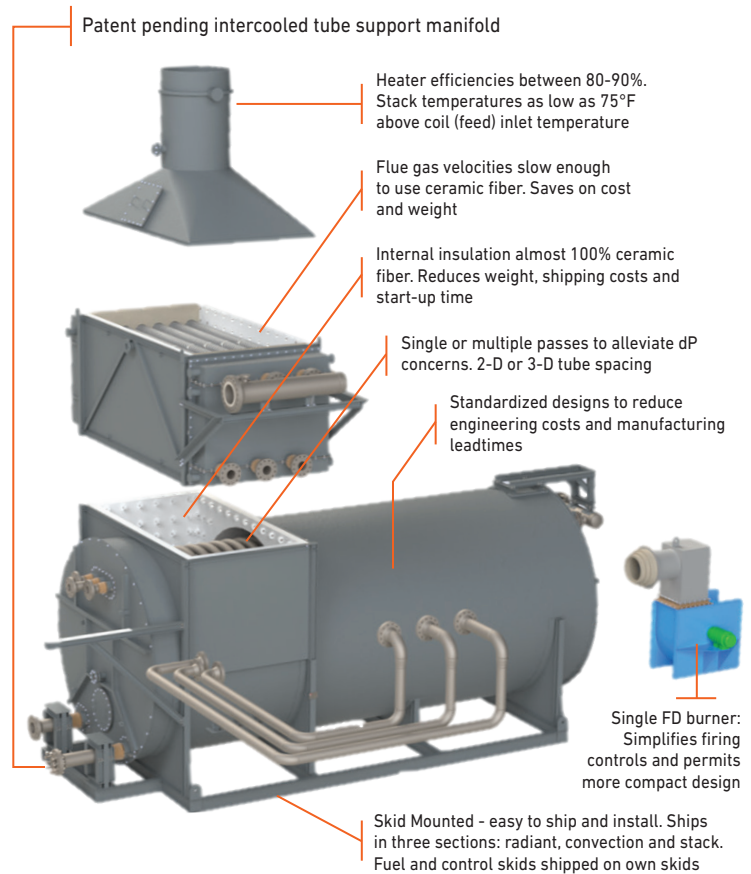
The Devco Process Heaters ELITE-HE includes a standard Combustion Management System (CMS), with the ability to provide customized systems to fit each facility's specific needs. The CMS is designed to ensure safe, reliable combustion performance for a broad range of heater applications.

- › Designed according to ASME & NFPA codes
- › Safety monitors continually check the process to avoid any errant fuel and ignition within the heater
- › Temperature-rated equipment, capable of operating in harsh environments around the world

## OIL CIRCULATION SKID:

Circulation skids are designed to fit any hot-oil heater or thermal-fluid application. Its modular design allows the skid to be expanded as needed to meet required flow rates, incorporate filtration, and support an expansion tank, whether mounted on the skid or installed separately in the plant pipe rack. Systems can be furnished with a single 100% pump, dual 50% pumps or other configurations to meet client requirements.

- › All circulation skids are designed in accordance with industry-standard codes (ASME, ANSI, NEC, etc.)
- › Multi-heater compatible
- › Operator-friendly layout, designed for easy access to valves, hand-wheels, and motor wiring
- › Delivered as a single integrated skid, with easy lift points for rapid installation
- › Standard ANSI pumps, with optional API pump configurations available



## THE ZEECO DIFFERENCE

Zeeco is uniting two industry leaders into one world-class team. Devco Process Heaters brings decades of experience designing process heaters. Zeeco provides global manufacturing capabilities, world-class engineering, and decades of expertise in the combustion industry.

- › Engineering studies: Let us help you get more out of your current equipment. Our experts help troubleshoot and test existing systems and deliver data-driven solutions, ensuring your equipment runs safely, reliably, and efficiently.
- › Engineering, design, fabrication, supply, installation, and startup
- › Global Field Services
- › Aftermarket equipment and support

# ZEECO®

Zeeco Headquarters  
22151 East 91st Street  
Broken Arrow, OK 74014

Learn more at [zeeco.com](http://zeeco.com)

✉ [sales@zeeco.com](mailto:sales@zeeco.com)

☎ +1 (918) 258 8551

🌐 Visit [zeeco.com/global-locations](http://zeeco.com/global-locations)



Choose to work with our dedicated, flexible, and innovative team, and you won't be disappointed. Call or email us today to request a quote or to learn more about our proprietary combustion systems.

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Certification applies to  
Zeeco Headquarters.