



Product Datasheet

THERMON MINKE™

ELECTRIC HOT WATER BOILER FROM THE PRECISION BOILERS FAMILY

OVERVIEW

Thermon's Minke Electric Hot Water Boiler from the Precision Boilers family is a pre-engineered electric hot water boiler series manufactured for speed and reliability across North America. It successfully combines the proven performance of the Precision Boilers custom PCW models with standardized components and compact sizes, significantly accelerating the selection and shipment process.



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PERFORMANCE MEETS SPEED

The Minke boiler eliminates common engineering delays and drawing approvals by utilizing pre-approved configurations, resulting in the quickest order-to-shipment lead times in the industry, typically less than 8 weeks. This purpose-built boilers are also fully compliant with stringent safety codes, including UL 834 and CSD-1, ensuring it is immediately suitable and readily available throughout the USA and Canada for demanding regulated commercial and institutional facilities.

BENEFITS

- Pre-engineered Standard Models
- Fixed Cabinet Sizes
- Thermon 20kW Elements
- UL 834 & CSD-1 Compliant
- Ready to go Submittal Packages

FEATURES

- Precision Perfect Panel™
- Up to 600V Compatibility
- 100k SCCR Rated
- Standardized Modular Skidded Base
- Control - Silicon Controlled Rectifier (Optional Feature)
- Split-base Design
- Fast Heat-up
- Flanged Connections
- No Horizontal Clearance Required
- Available in USA and Canada
- Disconnect Package (Optional Feature)

SAFETY AND CERTIFICATIONS

- Standardized, Industry-Accepted Controls
- Included Graceport for external controls work for electrical safety
- BACnet/MODbus
- UL508A Listed Control Panel
- CRN Certified
- CSD-1 Compliant (where required)
- Step Enable/Disable Control





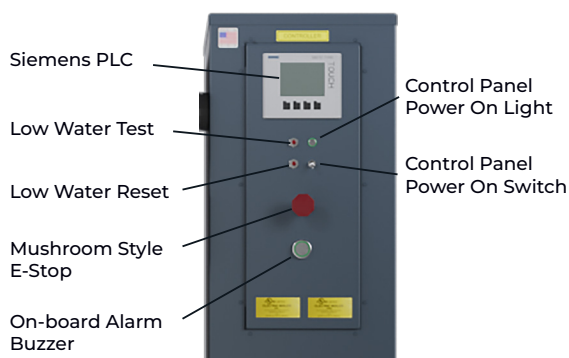
TECHNICAL SPECIFICATIONS

Capacity Range	Covered by 3 cabinet sizes up to 720 kW maximum.
Voltage Compatibility	Ratings up to 600V (Compatible with most commercial/industrial systems).
Heating Elements	Thermon 20 kW Incoloy elements (Standardized single type across all models for inventory reduction).
Cabinet Design	Precision Perfect Panel™ (Shared cabinet design fitting PCW, ST, HW product lines).
Construction	Modular panels, standardized modular skidded bases, vertical tank for a compact footprint.
Code Compliance	UL 834 & CSD-1 Compliant (Follows the same codebase as full custom builds).
Certifications	CRN certified (Canadian compliance included).
Control System	Standardized, industry-accepted controls with Improved controls and predictive maintenance protocols.
Lead Time	Delivery cycle is <8 weeks (Quick order to shipment).

Safety Relief Valve Temperature & Pressure Gauges



COMPONENT DETAIL



Water Outlet



Drain Valve

Water Inlet

Inspection Opening

For more information, email info@thermon.com