



Frequently Asked Questions:

Interpretation of Code Classifications for the Modulex Boiler

1. Is the Modulex ASME stamped and does it have a National Board Number? Is there a Manufacturer's Data Report for the Modulex?

- The Modulex boiler is ASME stamped with the "H" symbol. It does not have a National Board Number and a Manufacturer's data report is not available for customer's file.

The "H" symbol is located in front of the unit, at the bottom right corner (it can be viewed by removing the front sheet metal). The Modulex heat exchanger is a cast aluminum sectional design and falls under ASME Code Section IV Part HA. This code states that form H-5A must be completed and maintained by the Manufacturer. This form does not have a line for a National Board number; hence, a national board number is not required for cast sectional design boilers. Furthermore, this code does not require the manufacturer to distribute a copy of this completed form as information included in it is proprietary for the design.

2. Does the Modulex gas train comply with ASME CSD-1?

- Yes, the Modulex gas train complies with ASME CSD-1 as a MODULAR BOILER

The Modulex Boiler is designed as a modular boiler as defined by CSD-1 and ASME Section IV — "a hot water heating assembly consisting of a grouping of individual boilers called modules intended to be installed as a unit with no intervening stop valves. The individual modules shall be limited to a maximum input of 400,000 Btu/hr".

The Modulex is a modular boiler, each module is designed with its own, burner, combustion air blower, air pressure switch, gas valve, spark igniter, flame detector, combustion safeguard control, hot water outlet temperature safety limit and outlet hot water temperature sensor. Each heating module has a maximum input of 151,500 BTU/hr and the components described above are all listed or recognized by CSA or UL. CSA has certified the Modulex to ANSI Z21.13/ CSA 4.9 as a modular boiler, and such has determined that any gas train requirements for boiler inputs over 400,000 Btu/hr do not apply.

3. Does the Modulex Waterside Controls comply with ASME CSD-1?

- Yes, the Waterside Controls of the Modulex comply with CSD-1.

The Modulex Boiler is supplied with a low-water fuel cutoff and a high temperature limit control, both manual reset. Each module has a hot water outlet temperature safety limit.