

## Technical Data Sheet

# AM Series Pool Heaters

AM Series Pool Heaters are state of the art factory assembled package systems designed to meet swimming pool water heating needs. The package includes an AM Series boiler, standard external shell and tube Cupro-nickel heat exchanger, pump, expansion tank, air vent and fittings pre-piped along with makeup water connection. It provides exceptional reliability, serviceability, and fuel savings from 399 to 1000 MBTU capacities for pool water heating with a single unit. It includes single set of makeup water, gas, and pool water inlet and outlet connections and a single vent connection, but with the reliability of a multiple-heater installation.

AM Series are modular design, high efficiency condensing boilers. Each boiler is comprised of between two and four independent thermal modules firing up to 250 MBTU each at up to 5:1 individual turndown. This unique design provides the multiple boiler redundancy with a single unit installation. Indirect pool heat exchangers are rated for chlorine and salt water applications, handling large flow rates to match pool pumps capacity with reduced pressure drops.

When needed, multiple units are easily co-located and common vented to provide larger BTU capacity pool heating plant for higher efficiency, turndown, and redundancy in the smallest footprint. The simple design also means the boiler and package assembly is very simple to maintain and service.



## Features

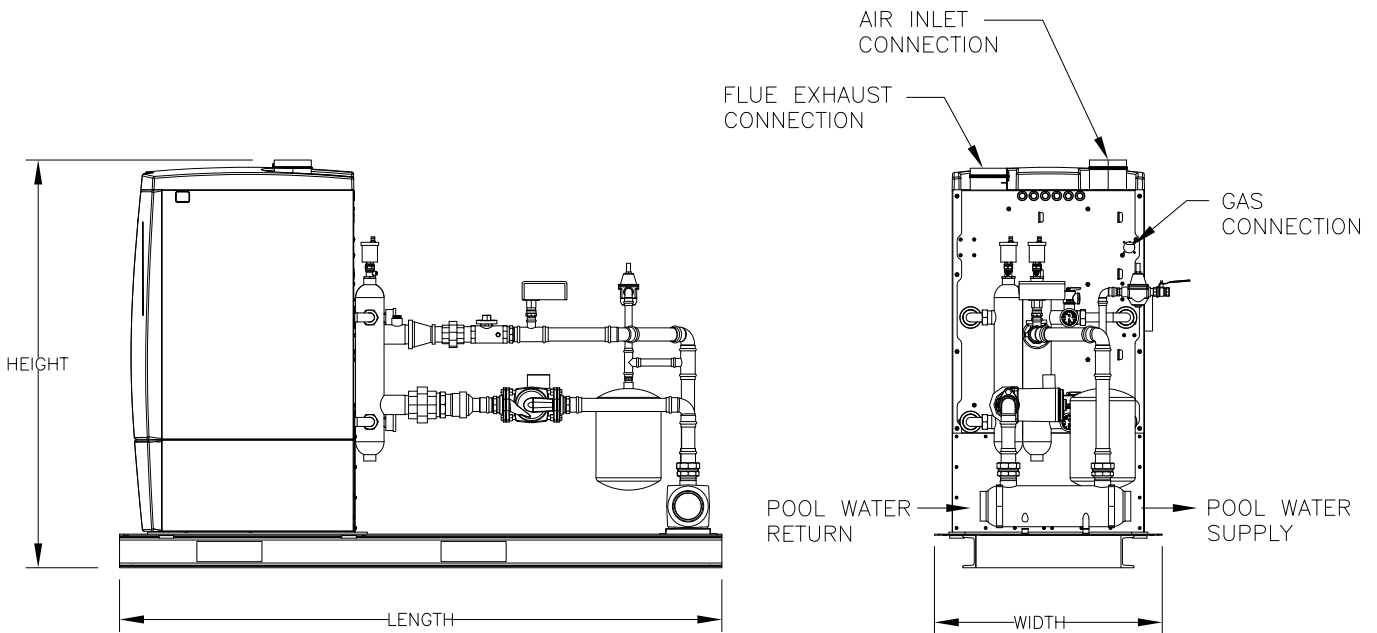
- High efficiency, low emissions water heater
- Natural gas or propane
- Complete heating solution in one package
- High turndown means reduced operating costs
- Built-in redundancy
- Boilers are rated for direct or conventional vent with cPVC, polypropylene, or stainless steel
- Concentric vent capability
- Common vent capability
- Side wall common venting with no additional check valve
- Superior reliability
- Minimal and easy access for maintenance
- Small footprint saves space and makes retrofits a breeze
- Supports integration to BAS system
- Modbus communication standard
- Low NOx <20ppm

# Specifications

Model Number	BTU Input	Pool Water Flow (GPM)	Pool Side Connection Size	Skid Height (in)	Skid Width (in)	Skid Length (in)	Shipping Weight (lbs)
AM 399P	399,000	127	2.5" NPT	50.1	28.0	74.0	920
AM 500P	500,000	127	2.5" NPT	50.1	28.0	74.0	930
AM 750P	750,000	222	3" Flg ANSI 150	75.8	28.0	74.0	1205
AM 1000P	1,000,000	222	3" Flg ANSI 150	75.8	28.0	74.0	1290

\*Pool water flow based on manufacturer's data.

# Dimensions



Heating and Hot Water Solutions

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