

## AM Series

### Efficient. Modular. Compact Footprint.

The AM Series brings best-in-class heat and hot water solutions to a wide range of commercial facilities. The AM Series of commercial condensing boilers are pre-packaged boiler plants. Full front access means near-zero side clearance with no loss of serviceability when more than one million BTUs are necessary. Installations take up minimal space and are simple to service. Standard Modbus controls easily connect to Energy Management or Building Automation System.

### Best-in-Class Efficiency and Turndown

Using the AM series condensing boilers and water heaters means less wasted heat and lower operating costs. By running multiple modules at low fire rather than one large unit at higher fire, the AM series ensures the installation is always running efficiently. High efficiencies also mean lower flue temperatures and a range of venting options. All units can be vented in polypropylene, PVC, cPVC, or AL-294C.

### Superior Uptime Reliability

At the heart of the AM is a patented heat exchanger designed with three series of stainless steel round tubes that are highly resistant to scale buildup, increasing your ROI and expanding the life expectancy of your system. The heat exchanger is constructed out of 316Ti stainless steel tubes for high reliability and long life.

### Built-In Redundancy

Each unit consists of between two and four individual modules, each with its own combustion chamber, burner, gas valve, and combustion controls and safeguards, all tied together to common water connections and assembled in a single enclosure. This provides all of the advantages of a larger boiler plant, including high turndown and multiple-unit redundancy, while keeping installation costs down and operation simple.



## Compact Footprint

The high quality design promotes uptime reliability while providing you with a powerful water heating system in a compact footprint. Multiple units can be located with near-zero side clearance for even larger installations. The AM is also closet installation capable (AI29-4C venting material required), saving valuable mechanical room space. AM boilers are available in four sizes from 399-1,000 MBH; AM Rapid Recovery water heaters are available in four sizes from 199-500 MBH.

## Simple Installation and Maintenance

The compact size and minimal weight provide excellent maneuverability and simple installation – a perfect solution for retrofit applications. Simple front access makes it more efficient for technicians to conduct scheduled service and maintenance on the units, which in turn saves time and reduces labor costs.

## Other Key Features of AM

<b>Environmentally Friendly</b>	High efficiency is one of the many reasons why the AM Series is perfect for green designs. Units produce high-efficiency combustion and low pollutant levels of less than 20 ppm NO <sub>x</sub> , satisfying the stringent requirements associated with modern, environmentally-conscious facilities by incorporating revolutionary design elements.
<b>Long-lasting</b>	To maintain the integrity and durability of the heat exchanger, the tubes are assembled and hydraulically connected without welding for high reliability. Long life is also supported by automatic rotation of the lead-lag modules and minimal cycling that reduces wear on unit components. The AM Series boilers come with a 7-year warranty on the heat exchanger.
<b>Whisper Quiet Operation</b>	The AM Series runs at <50 dBA, much quieter than comparable products. It meets low noise specifications, which is ideal for apartments, schools, hotels and other facilities where quiet operation is necessary.
<b>Cascade Installation</b>	The inherent environmental advantages of the AM Series can be realized in systems requiring more than 1000 MBTU. Up to eight units can be sequenced via an optional Cascade Manager.

AERCO has been supplying the commercial market with hot water solutions featuring condensing, modulating technology longer than any other company. AERCO continues to redefine efficiency, eco-friendliness, and innovation with products like the AM Series Boiler, a family of boilers that incorporates advanced technology to produce best-in-class efficiency for space and financial savings in both retrofits and new designs.

Contact your AERCO sales representative to discuss how AM boilers and water heaters could fit into your next project.



Heating and Hot Water Solutions

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