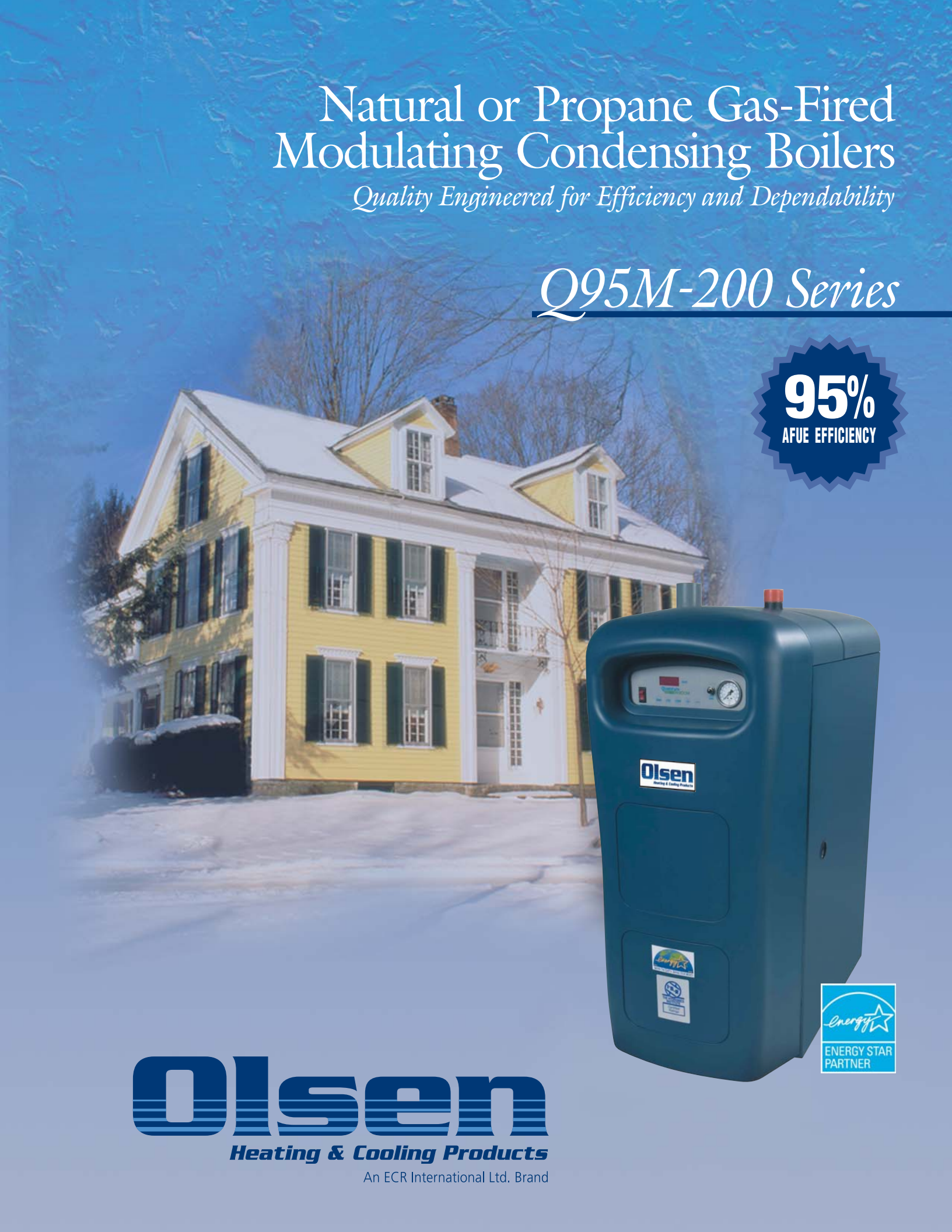
Natural or Propane Gas-Fired Modulating Condensing Boilers

Quality Engineered for Efficiency and Dependability

Q95M-200 Series

95%
AFUE EFFICIENCY



Olsen
Heating & Cooling Products
An ECR International Ltd. Brand

The Value of Efficiency

Quantum 95M•200

High efficiency is your solution to today's ever-increasing energy costs. As an ENERGY STAR Partner, Olsen is proud to introduce the 95% AFUE Q95M-200 gas-fired, condensing, hot water boiler.

You should check with your local utility company for the availability of rebates.

Reliability and Peace of Mind

- **15-Year Limited Manufacturer's Warranty**
- Optional **Comfort Plus** 5 or 10 Year Extended Parts and Labor Warranty available.
- **EZ Finance** available. Loans on approved credit through participating authorized dealers.

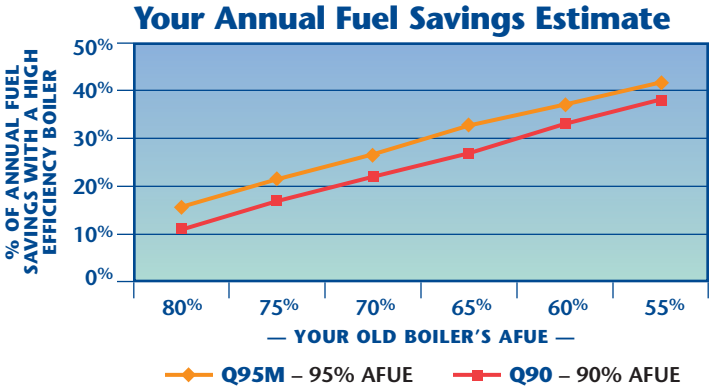
Your leading value in...

Cost Saving Features

- **Infinitely Modulating Capacity from 80 to 200 MBH**
  An advanced microprocessor control continuously monitors supply and return water temperature, adjusting boiler output to match building load – ideal for applications with multiple zones.
- **Outdoor Temperature Reset**
  Additional savings with factory standard control, which adjusts the water supply temperature for best possible fuel economy based on actual seasonal conditions.
- **Domestic Hot Water Priority**
  Used with an indirect hot water heater, the Q95M saves water by redirecting heat where and when it's needed. No waiting for hot water.

Annual Fuel Savings

The chart below can be used to estimate annual fuel cost savings for space heating when replacing an old inefficient boiler with a new condensing boiler.



Reduced Operating Costs

The Olsen Q95M's electrical operating costs are lower than other high efficiency boilers because no additional dedicated pump is required to serve the boiler which is typical of competitive products. An additional dedicated pump uses about the same amount of electricity as a 100 to 200 watt light bulb resulting in an additional savings of about $50 to $85 per year in electrical costs.*

** Actual savings may vary based on electrical cost per/kW HR. Savings estimate above based on $.10/kW HR.*

Easily accessible front mount controls.

Digital display/user interface for real time operating diagnostics and programming information.

Low Pressure Drop, ASME Certified Monoblock Cast Aluminum Heat Exchanger – lightweight and corrosion resistant.

Factory installed, probe type, LWCO accurately senses water level to help prevent dry firing. Meets local codes requirements.

Q95M-200 Installation Features

The "Dealer-Driven Design" of the Q95M-200 is engineered with installation flexibility and convenience that benefit both the installer and the homeowner.

- No Primary/Secondary dedicated piping arrangement required - One circulator can service boiler and all zones.
- Intake & Flue gasses can be piped with readily available 3" PVC to 60'.
- Option of left, right or rear exit for return plumbing and gas piping.
- Piping connection options on rear and top of units facilitate multiple boiler installations with boilers located in close quarters.
- Integral Condensate Trap (No Field Assembly Required).
- Standard 115V convenience outlet.

Contractor Benefits

- **EASY INSTALLATION.**
- Ideal for high efficiency replacement jobs, new homes, radiant heating, and domestic hot water applications.
- No need to design / layout system (utilizes existing plumbing).*

* *May require direct venting installation in homes not equipped for direct vent*

100% factory tested

Quantum 95M•200

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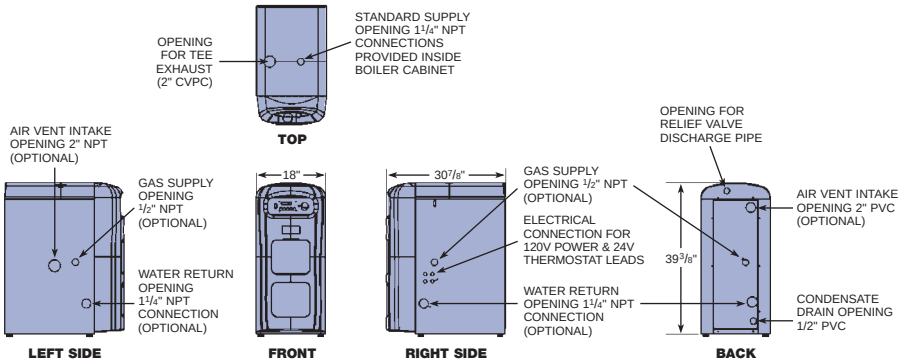

QUANTUM 95M-200 RATINGS

MODEL	INPUT (MBH)		HEATING CAPACITY (MBH)	I=B=R NET RATING (MBH)	AFUE (%)	FLUE DIAMETER	SHIPPING WEIGHT (LBS.)
Q95M-200	Max	200	190	165	95	3"	284
	Min	80	76	66	95		

This boiler is an ENERGY STAR Product.

Specifications

- Gas Fired Direct Vent Condensing Hot Water Boiler
- Uses natural or LP gas
- May be installed on combustible flooring
- 8" clearance to rear, 1" clearance to top, front, left side, right side and base to combustible construction
- Option of left, right, or rear exit for return plumbing and gas piping
- 8" clearance to side where exits for air intake, gas, water and electrical installation
- 8" clearance to top, 24" clearance to front and left side, 12" clearance to rear for service
- 0" clearance for vent and air intake pipes to combustible clearances
- Water content in heat exchanger is 2.6 gallons.

Connections

- 120 Volts AC, 60 hertz, 1 phase, less than 12 amps
- Vent pipe and air intake pipe
  - Vent Pipe - first 2.5 feet is schedule 40 2" CPVC (provided), then schedule 40 3" PVC
  - Air intake – schedule 40 3" PVC
- Water In/ Out ..... 1-1/4" NPT
- Gas In ..... 1/2" NPT
- Condensate Drain ..... 1/2" PVC
- Vent length runs – minimum of 15 ft. with a maximum of 60 ft.

Standard Equipment

- Aluminum monoblock boiler with painted metal and plastic jacket
- High limit Aquastat
- Circulator (Grundfos)
- Manual reset LWCO
- Pressure gauge
- Temperature display
- 30 psi ASME rated relief valve
- Air purge vent
- Service switch
- Service receptacle outlet
- Microprocessor based modulating control
- Ceramic coated modulating burner
- Modulating automatic gas valve
- Modulating blower
- Direct Spark Igniter
- Manual Reset casting temperature switch
- Air proving / blocked vent safety assembly
- Integral condensate trap
- Outdoor Temperature Sensor with cover
- LP Conversion Kit standard

Options

- Concentric Vent Kit
- GCI-1002 – Accessory to allow for PC diagnostic interface
- HAM Kit – Accessory for use to interface with multiple boiler control systems

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