Model C-1500H
Natural Gas, Liquid Propane, or Dual Fuel with NURO® Control

This MACH Boiler requires Category IV venting (condensing—positive pressure) or Category II venting* (condensing—negative pressure) as defined in ANSI Z223.1/NFPA 54/CSA -B.149 Latest Edition

*Category II Venting must include optional combustion air damper

BOILER CONNECTIONS:

- Combustion Air Inlet: 10" dia stub
- Condensate Drain: 3/4" hose
- Exhaust Vent: 10"
- Liquid Propane Gas Connection: 1 1/2" NPT-F
- Natural Gas Connection: 1 1/2" NPT-F
- Wiring Junction Boxes: inside cabinet
- Pressure Relief Valve: see list for selection
- Boiler Water Return: Victaulic® clamp
- Boiler Water Supply: Victaulic® clamp
- Anchor Bolt Locations: (6) 9/16" dia holes

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Main Gas Train with Dual Shut-Off
Integrated Boiler Control, NURO Series
Operating Thermostat, 42°—155°F (5.5°—91°C)
High Limit Thermostat, Manual Reset, 100—197°F (38°—92°C)
LWCO, Probe Type, Manual Reset
Combustion Air Proving Switch, Differential Pressure Type
Combustion Blower, Variable Speed, 880 watt

A.S.M.E. Section IV Design Data

- Maximum Pressure: 125 psig
- Maximum Allowable Temperature: 220°F
- Maximum Operating Temperature: 194°F
- Heated Wet Surface Area: 35.9 sq ft.
- Flow rate @ 20°F ΔT: 144 GPM
- Flow rate @ 40°F ΔT: 72 GPM

Note: Dual Fuel models are not intended to run both fuels simultaneously.

<table>
<thead>
<tr>
<th>MODEL SELECTION</th>
<th>C1500H</th>
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<tbody>
<tr>
<td>Natural Gas</td>
<td>5.5&quot; w.c.</td>
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<tr>
<td>Liquid Propane</td>
<td>7.0&quot; w.c.</td>
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- Min Inlet Gas Pressure: 3.5" w.c.
- Max Inlet Gas Pressure: 14" w.c.
- Input, BTU/hr: 1,500,000
- Output, BTU/hr: 1,414,000
- Boiler HP: 43.0
- Operating Weight: 1200 lbs.*
- Water Content: 13.2 gallons
- Shipping Dimensions: 36"x84"x68" (L x W x H)
- Estimated Shipping Weight: 1330 lbs.*
- Power Supply: 120V, 1ph, 60Hz
- Operating Current: < 15 Amps
- Recommended Minimum Circuit Capacity: 15 Amps

*Add 100 lbs. for Dual Fuel models

Pressure Relief Valve/Press-Temp Gauge
Shipped Loose for Field Installation

- 30 PSIG 1 1/4"
- 50 PSIG 1" x 1 1/4"
- 60 PSIG 1" x 1"
- 75 PSIG 1" x 1"
- 80 PSIG 3/4" x 1"
- 100 PSIG 3/4" x 3/4"
- 125 PSIG 3/4" x 3/4"

Recommended Clearance for Service Access
Front - 30"  Rear - 12"  Top - 12"  Side - 18"