P-K MACH® Model C-2000H
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 -B149 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
- 3" 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: 2 1/2" pipe, grooved
- Boiler Water Supply, Victaulic® clamp: 2 1/2" pipe, grooved
- Anchor Bolt Locations: (6) 9/16" dia holes

Victaulic is a registered trademark of Victaulic Company, Easton, PA, USA

BOILER CONTROLS: ASME CSS-1 is standard.
Compiles with GE GAP (RI) guidelines GAP.4.1.0 and GAP.4.1.3.
Compiles with FM Global 6-4 Section 1.0

Main Gas Train with Dual Shut-Off
Integrated Boiler Control, NURO® Series

Operating Thermostat, 42°-195°F (5.6°-91°C)
High Limit Thermostat, Manual Reset, 100-197°F (38°-92°C)
High Exhaust Pressure Switch
LWCO, Probe Type, Manual Reset
Combustion Air Proving Switch, Differential Pressure Type
Combustion Blower, Variable Speed, 1580 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: 50.2 sq.ft.
- Flow rate @ 20°F ΔT: 192 GPM
- Flow rate @ 40°F ΔT: 91 GPM

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

MODEL SELECTION
- C2000H
  - Dual Fuel
  - Liquid Propane
  - Natural Gas

- Min Inlet Gas Pressure: 3.5" w.c.
- Max Inlet Gas Pressure: 14" w.c.
- Input, BTU/hr: 2,000,000
- Output, BTU/hr: 1,902,000
- Boiler HP: 57.4
- Operating Weight: 1500 lbs.
- Water Content: 17 gallons
- Shipping Dimensions: 36"x84"x68" (LxWxH)
- Estimated Shipping Weight: 1630 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" 0-100 psig/30-240°F
- 50 PSIG 1" x 1 1/4" 0-100 psig/30-240°F
- 60 PSIG 1" 0-150 psig/30-240°F
- 75 PSIG 1" 0-240 psig/30-240°F
- 80 PSIG 3/4" x 1 1/4" 0-240 psig/30-240°F
- 100 PSIG 3/4" 0-240 psig/30-240°F
- 125 PSIG 3/4" 0-240 psig/30-240°F

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

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