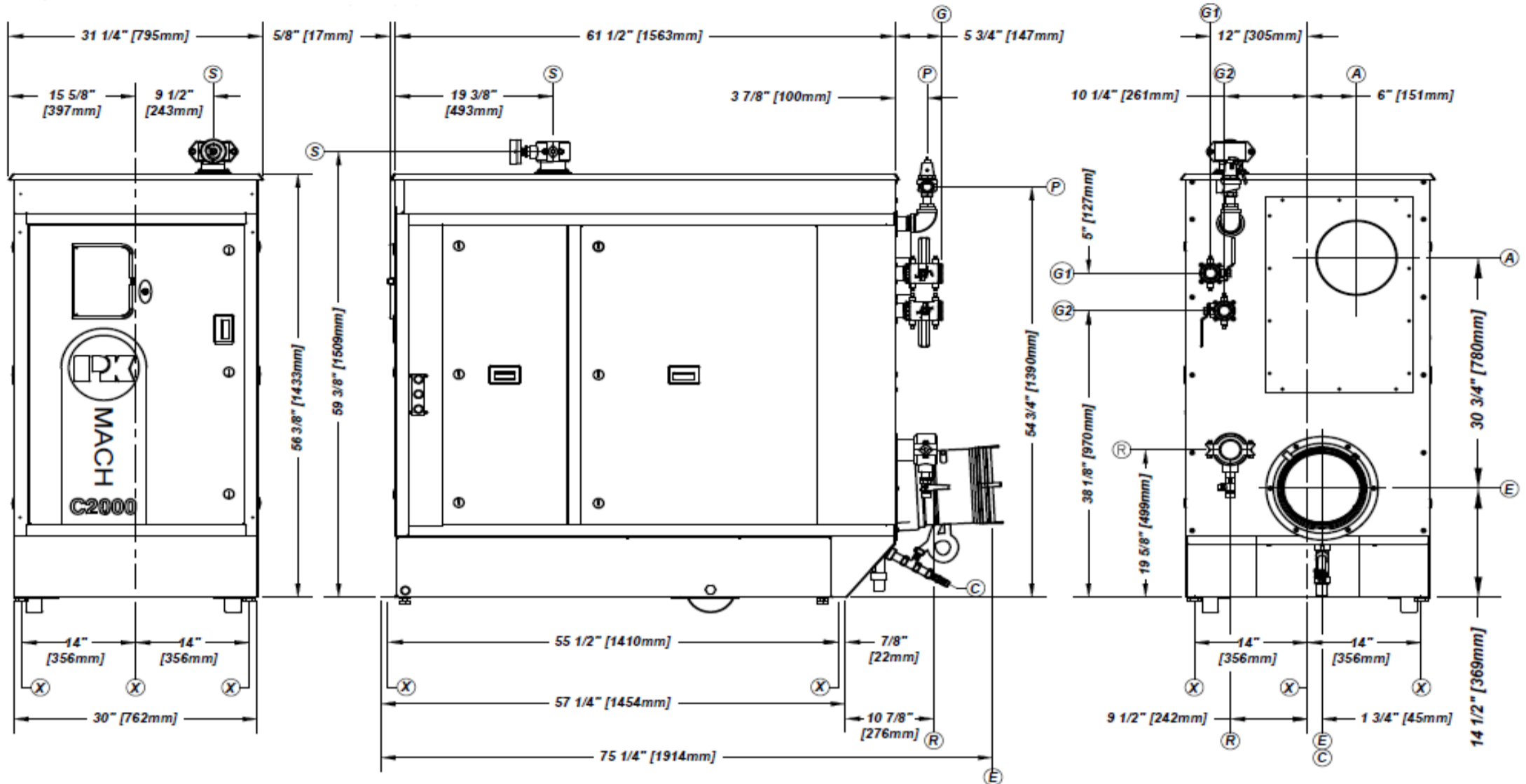


Rep Name: _____

Email: _____

Phone Number: _____

Date: _____ / _____ / _____



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 the optional combustion air damper

BOILER CONNECTIONS		
A	Combustion Air Inlet	10" dia. stub
C	Condensate Drain	3/4" hose
E	Exhaust Vent	10"
G1	Propane Gas	1 1/2" NPT-F
G2	Natural Gas	1 1/2" NPT-F
J	Wiring Junction Boxes	inside cabinet
P	Pressure Relief Valve	see list for options
R	Boiler Return, Victaulic® clamp	2 1/2" pipe, grooved
S	Boiler Supply, Victaulic clamp	2 1/2" pipe, grooved
X	Anchor Bolt Locations	(6) 9/16" dia holes

BOILER CONTROLS	
ASME CSD-1 is standard	
Complies with: GE GAP (IRI) guidelines GAP.4.1.0 and GAP.4.1.3	
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 Back 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	
Max Pressure	125 PSIG
Max Allowable Temperature	220°F
Max Setpoint	185°F
Heated Wet Surface Area	50.2 sq. ft.
Flow Rate @ 20°FΔT	190.2 GPM
Flow Rate @ 40°FΔT	95.1 GPM

MODEL SELECTION		
Boilers	<input type="checkbox"/> C2000T	
	<input type="checkbox"/> Dual Fuel	
Fuel Options	<input type="checkbox"/> Natural Gas	<input type="checkbox"/> Liquid Propane
Min Inlet Gas Pressure	3.5" w.c.	7.0" 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	
Turndown Ratio	10:1	
Operating Weight	1500 lbs. *	
Shipping Weight	1630 lbs. *	
Boiler Water Content	17 gallons	
Shipping Dimensions	36"x84"x68" (LxWxH)	
Power Supply	120V, 1ph, 63 Hz	
Operating Current	< 20 Amps	
Recommended Minimum Circuit Capacity	20 Amps	

PRESSURE RELIEF VALVE/PRESSURE-TEMPERATURE GAUGE		
Shipped Loose for Field Installation		
<input type="checkbox"/>	30 PSIG 1 1/4"x 1 1/4"	15-160 psi/0-250°F
<input type="checkbox"/>	50 PSIG 1"x 1 1/4"	15-160 psi/0-250°F
<input type="checkbox"/>	60 PSIG 1"x 1"	15-160 psi/0-250°F
<input type="checkbox"/>	75 PSIG 1"x 1"	15-160 psi/0-250°F
<input type="checkbox"/>	80 PSIG 3/4"x 1"	15-160 psi/0-250°F
<input type="checkbox"/>	100 PSIG 3/4"x 3/4"	15-160 psi/0-250°F
<input type="checkbox"/>	125 PSIG 3/4"x 3/4"	15-160 psi/0-250°F

RECOMMENDED CLEARANCE FOR SERVICE ACCESS				
Front - 30"	Rear - 12"	Top - 12"	Left Side - 18"	Right Side - 18"

Notes:
 - Victaulic is a registered trademark of Victaulic Company, Easton PA, USA
 - Patterson-Kelley reserves the right to make changes at any time without notification



PROUDLY
DESIGNED & ASSEMBLED
IN THE U.S.A.