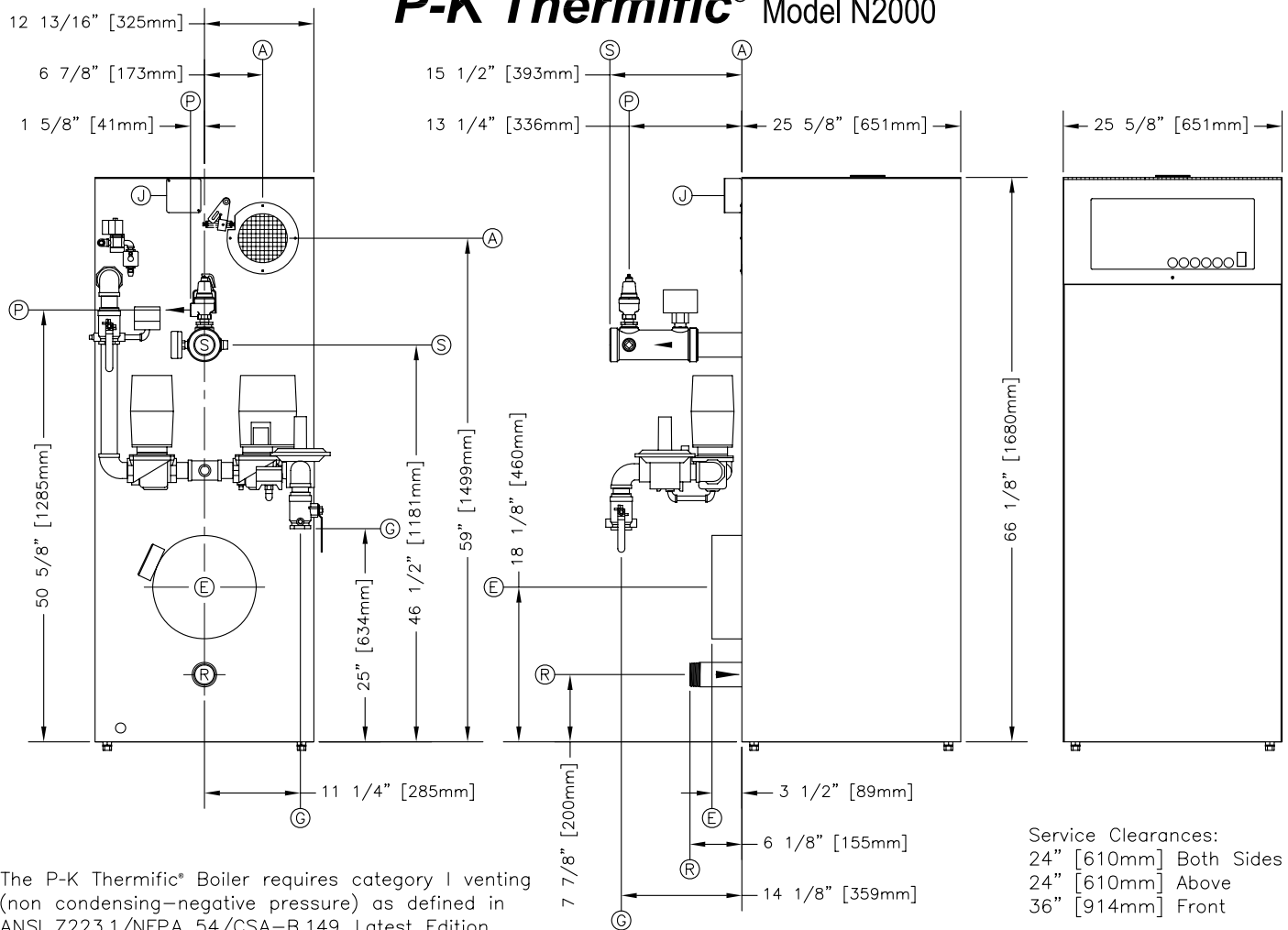


P-K Thermific® Model N2000



The P-K Thermific® Boiler requires category I venting (non condensing-negative pressure) as defined in ANSI Z223.1/NFPA 54/CSA-B.149 Latest Edition.

Service Clearances:
 24" [610mm] Both Sides
 24" [610mm] Above
 36" [914mm] Front

BOILER CONNECTIONS:	
(A) Combustion Air Inlet	6" dia
(E) Exhaust Vent	12" OD
(G) Main Gas Connection	1 1/2" NPT-F
(J) Wiring Junction Box	4" square
(P) Pressure Relief Valve	see list for selection
(R) Boiler Water Return	2 1/2" NPT-M
(S) Boiler Water Supply	2 1/2" NPT-F

BOILER CONTROLS: ASME CSD-1 is standard. Complies with GE GAP (IRI) guidelines GAP.4.1.0 and GAP.4.1.3. Complies with FM Global 6-4/12-69 Section 1.0	
Main Gas Train: see gas train submittal	
Pilot Gas Train: see gas train submittal	
Flame Safeguard, Honeywell RM7895C1020	
Operating Thermostat, 100°-240°F (38°-116°C)	
High Limit Thermostat, Manual Reset, 100°-240°F (38°-116°C)	
High Exhaust Temperature Switch, Manual Reset	
LWCO/Flow Switch, Paddle Type	
Air Switch, Differential Pressure Type	
Combustion Blower, 3/4hp	
Barometric Damper, 12" (Shipped Loose)	

FACTORY OPTIONS:	
<input type="checkbox"/>	Probe Type Low Water Cut Off, Manual Reset (Factory Installed)
<input type="checkbox"/>	Probe Type Low Water Cut Off, Manual Reset (Shipped Loose)

C.S.A. CERTIFIED RATINGS AND CAPACITIES		
Fuel	<input type="checkbox"/> Natural Gas(NG)	<input type="checkbox"/> Propane(LP)
Input, BTU/hr	2,000,000	
Output, BTU/hr	1,700,000	
Boiler HP:	50.8	
Maximum Inlet Gas Pressure:	14" w.c.	
Minimum Inlet Gas Pressure:	NG: 5" w.c. LP: 7" w.c.	

Electrical Requirements	120v, 1ph, 60hz
Total Operating Amps	less than 12 amps
Operating Weight	1015 lbs.
Water Content	7.3 gallons

A.S.M.E. Section IV Design Data	
Maximum Pressure	160 psig
Maximum Temperature	250°F
Heating Surface	206 sq ft
Flow Rate, GPM	120 min/150 max

Pressure Relief Valve/Press-Temp Gauge		
<input type="checkbox"/>	100 PSIG 3/4" (standard)	0-240psi/30-240°F
<input type="checkbox"/>	30 PSIG 1 1/4"	0-100psi/30-240°F
<input type="checkbox"/>	50 PSIG 1"x 1 1/4"	0-100psi/30-240°F
<input type="checkbox"/>	60 PSIG 1"	0-100psi/30-240°F
<input type="checkbox"/>	75 PSIG 1"	0-240psi/30-240°F
<input type="checkbox"/>	80 PSIG 3/4"x 1"	0-240psi/30-240°F
<input type="checkbox"/>	125 PSIG 3/4"	0-240psi/30-240°F
<input type="checkbox"/>	150 PSIG 3/4"	0-240psi/30-240°F

