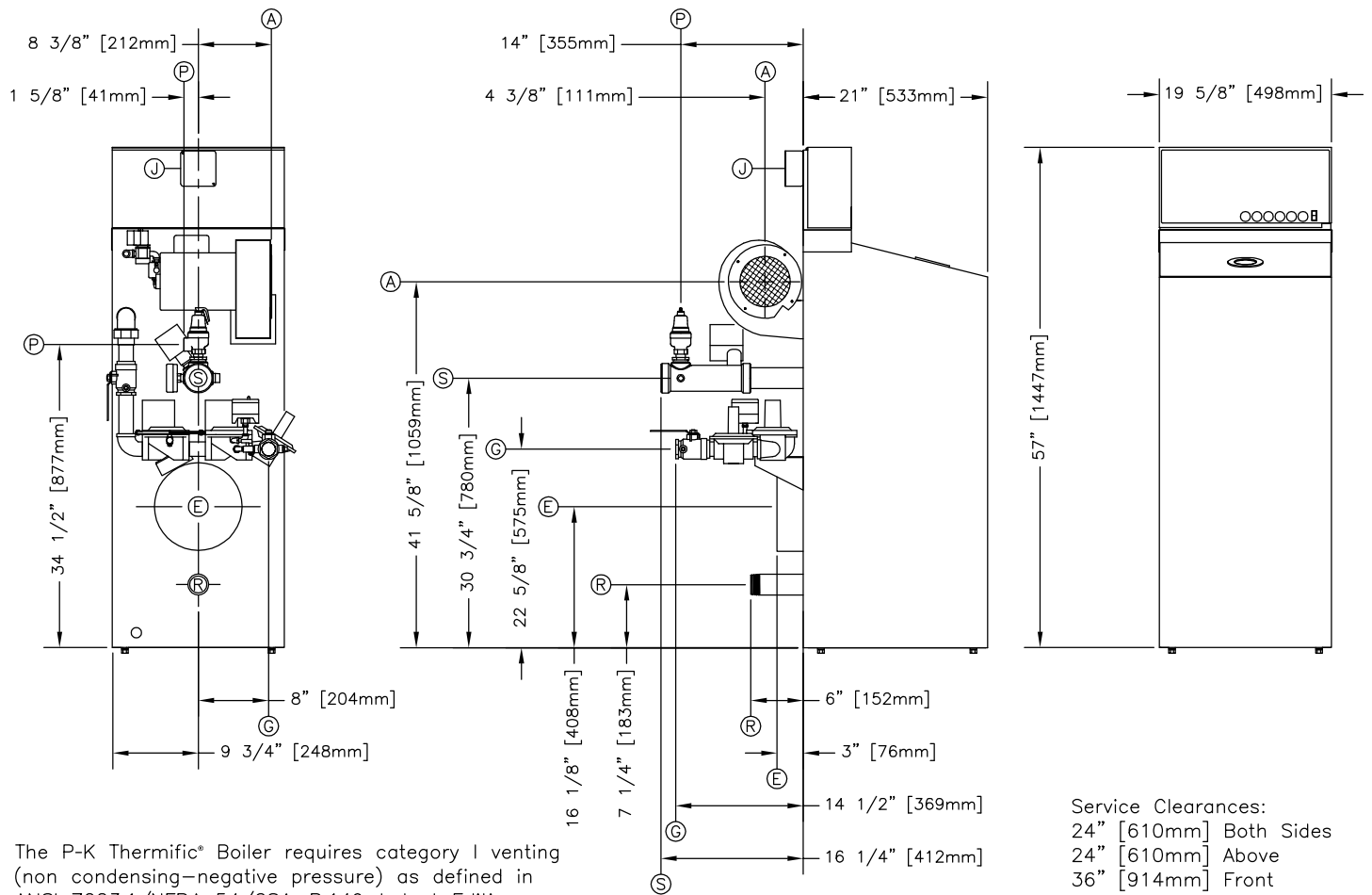


P-K Thermific® Model N700



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	10" OD
(G) Main Gas Connection	1 1/4" NPT-F
(J) Wiring Junction Box	4" square
(P) Pressure Relief Valve	see list for selection
(R) Boiler Water Return	2" NPT-M
(S) Boiler Water Supply	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, 1/3hp	
Barometric Damper, 10" (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	700,000	
Output, BTU/hr	595,000	
Boiler HP	17.7	
Maximum Inlet Gas Pressure	14" w.c.	
Minimum Inlet Gas Pressure	NG: 4" w.c. LP: 7" w.c.	

Electrical Requirements	120v, 1ph, 60hz
Total Operating Amps	less than 8 amps
Operating Weight	645 lbs.
Water Content	4.3 gallons

A.S.M.E. Section IV Design Data	
Maximum Pressure	160 psig
Maximum Temperature	250°F
Heating Surface	94 sq ft
Flow Rate, GPM	45 min/120 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"	0-100psi/30-240°F	
<input type="checkbox"/>	50 PSIG 3/4"	0-100psi/30-240°F	
<input type="checkbox"/>	60 PSIG 3/4"	0-100psi/30-240°F	
<input type="checkbox"/>	75 PSIG 3/4"	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	

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