



Advanced Heating and Hot Water Systems

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Submittal Sheet for Commercial Natural Gas-Fired Water Heaters

JOB NAME:

LOCATION:

ARCH./ENGR.:

WHOLESALER:

MECH. CONTRACTOR:

MODEL NUMBER:

TYPE OF GAS:

BTU/HR INPUT:

NOTES:

Combustion System

- Multi-port, energy-efficient burner
- Burner tray slides out easily for inspection and maintenance
- 80% thermal efficiency (All Models)
- Low profile flue damper minimizes water heater height
- Automatic flue damper opens and closes automatically when demand for heat stops, reducing stand-by loss
- Operates on Natural Gas
- Spark to pilot ignition system ignites the pilot only when there is a heat demand, reducing energy use
- Combustion chamber insulated with ¾" ceramic refractory, permitting better heat retention in the combustion chamber and translating to greater heat exchange to the water
- Multi-flue design offers excellent heat exchange

Integrated Control System

- Intelligent diagnostic system with glowing LED lights is designed to give a visual indication of the operational status of the water heater, and ease troubleshooting diagnosis for non-operational water heaters
- Automatic temperature control system
- Thermostat is fully adjustable 100 to 180°F
- Integrated energy cut-off (ECO) shuts off the water heater to prevent overheating

Glass-Lined Steel Tank

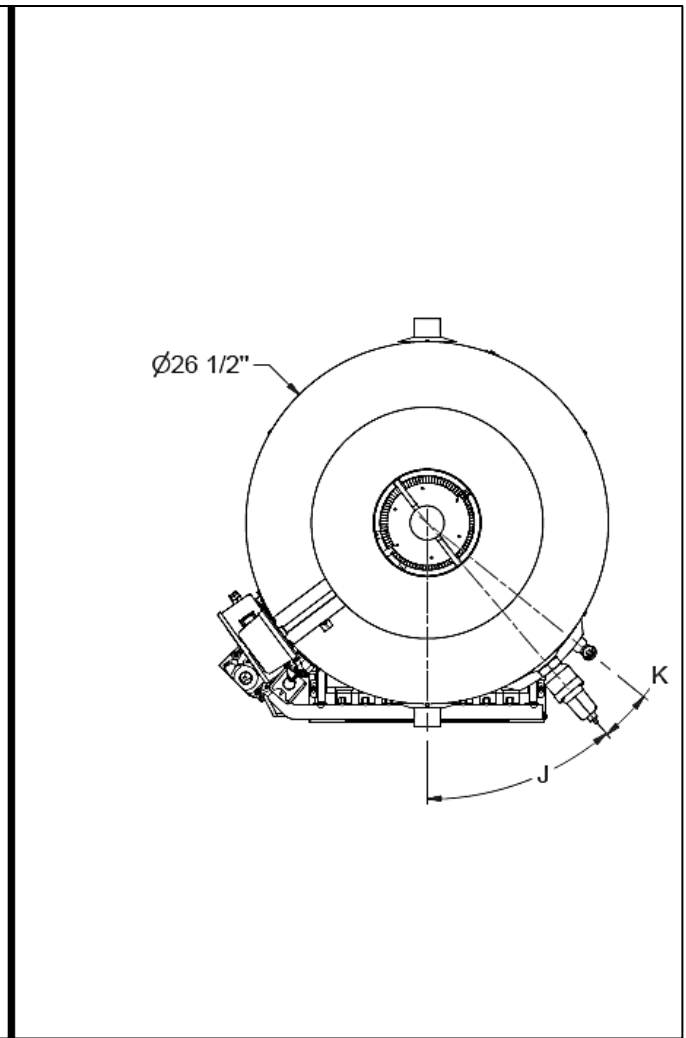
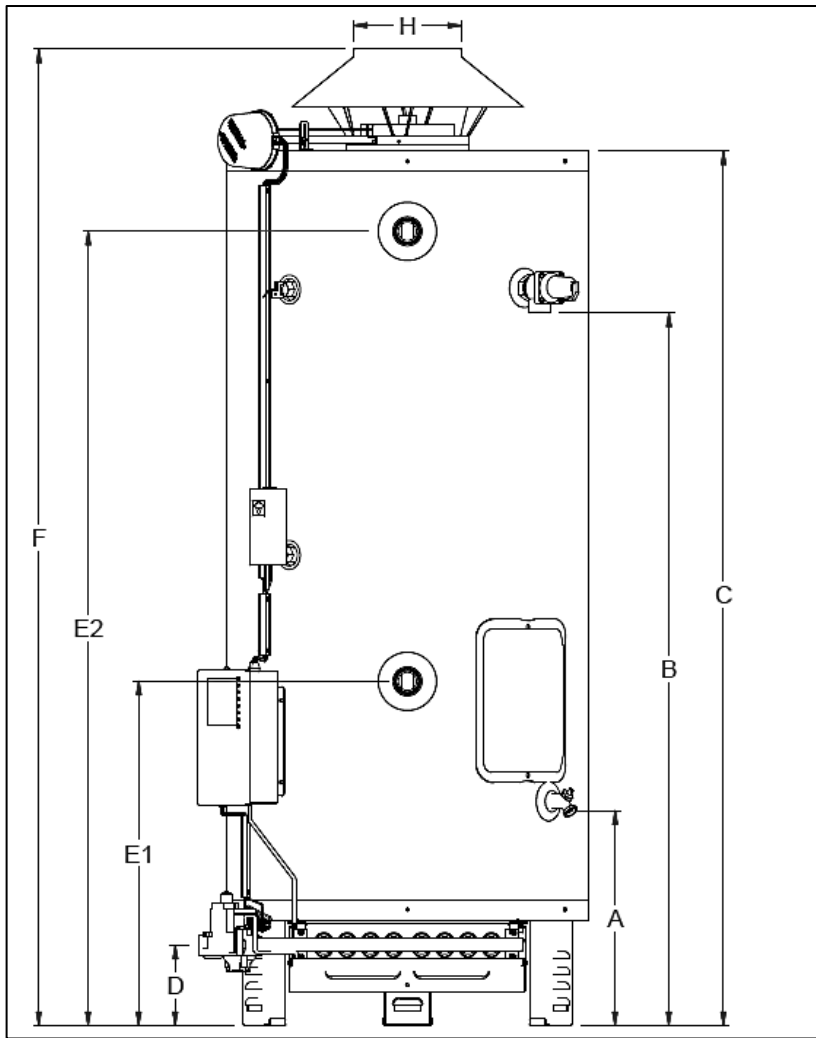
- Heavy Duty Steel Tank – Thicker steel where it's needed most
- Certified at 300 PSI test pressure
- Working pressure of 150 PSI
- Fiberglass insulation
- Largest flues in the industry – eases maintenance
- Front and Rear 1 ½" water inlet and outlet connections for all models offer excellent installation flexibility
- Six anode rods provide maximum coverage and offer superior corrosion resistance
- Space-saving design offers superior installation flexibility

Additional Features

- Vents in B Vent Systems
- Installed Temperature and Pressure Relief Valve
- Installed brass drain valve
- 5 year limited warranty if registered online (see warranty for details)
- Lead Free Compliant, as required by the Safe Drinking Water Act, Section 1417
- Low NOx model available

Optional Equipment

- High Altitude Kit (Part # 8800P-024, 8800P-025, 8800P-026, 8800P-027, 8800P-028)
- Power Vent Kit (Part # 6060-200, 6060-201)
- 4" Sidewall Vent Hood (Part # 6060-202)
- 6" Sidewall Vent Hood (Part # 6060-203)



MODEL	STORAGE CAPACITY GALLONS (LITERS)	FUEL TYPE	INPUT (BTU)	RECOVERY 90°F / 50°C GALLONS (LITERS) PER HOUR	SHIPPING WEIGHT LBS. (EST.)
CG125N73	72 (272)	N	125,000	135 (511)	429
CG150N73	70 (265)		150,000	162 (613)	
CG199N73(X)	68 (257)		199,900	215 (814)	
CG250N65	60 (227)		250,000	269 (1018)	465
CG300N65	55 (208)		300,000	323 (1223)	

MODEL DIMENSIONS IN INCHES										
MODEL	A	B	C	D	E1	E2	F	H	J	K
CG125N73	15 3/4	52 1/2	64 1/8	5 7/8	25 1/4	58 1/4	69 1/4	5	40.3°	51.2°
CG150N73							70 7/8	6		
CG199N73(X)		52 1/8					7			
CG250N65							71 5/8	8		
CG300N65										

Specifications and Dimensions – NOTE: All Water Heaters Shipped to Operate on Natural Gas – A suffix of “X” denotes model set for Low NOx operation

Commercial Gas Water Heater Specifications

Model Number	Rated Capacity	Input	Thermal Efficiency	Standby Loss	Recovery in Fahrenheit – Gallons per Hour										
					40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°
CG125N73	Gal	kBtu	%	Btu/Hr	303	243	202	174	152	135	122	111	101	94	87
CG150N73	72	125	80	1050	364	291	243	208	182	162	146	133	122	112	104
CG199N73(X)	70	150	80	1000	485	388	324	277	243	216	194	177	162	150	139
CG250N65	68	199	80	1000	607	485	404	347	303	270	243	221	202	187	174
CG300N65	60	250	80	1100	728	582	485	416	364	324	291	265	243	224	208