

# G

## STATIONARY SELF-CONTAINED GAS FIRED STEAM JACKETED KETTLE

JOB NAME: \_\_\_\_\_  
 ITEM NO.: \_\_\_\_\_  
 NO. REQUIRED: \_\_\_\_\_

- MODELS:**
- F-20GL - 20 Gallon (76 liters)
  - F-30GL - 30 Gallon (114 liters)
  - F-40GL - 40 Gallon (152 liters)
  - F-60GL - 60 Gallon (227 liters)

**DESCRIPTION:** Market Forge self contained gas fired stationary steam kettle. The kettle has double-wall construction forming a steam jacket around the lower 2/3 of the vessel. The jacket enclosure contains factory sealed water and antifreeze. The kettle exterior is fully insulated. The bottom of the kettle is a hemispherical design for superior heat circulation. The recessed control panel is located on the front right side of the unit in full view of the operator. Standard controls include direct immersion thermostat, water sight glass, cooking light, pressure gauge and electronic ignition with ignition indicator light. Safety features include low water cut off, gas valve with gas pressure regulator, pressure switch and a 100% safety gas shut off valve. 316 stainless steel liner for high acid content products standard for 20-, 30- and 40-gallon.



F-40GL Shown

The kettle is mounted on stainless steel 2" tri-legs with adjustable flanged feet. The kettle has as standard equipment a hinged cover, a 2" (51mm) diameter draw off valve and drain strainer.

The gas burner assembly includes a power burner with a rated capacity of 100,000 BTU input for 20, 30 and 40 gallon and 130,000 BTU input for the 60 gallon kettle. The pressurized steam generating section of the kettle will be fitted with a 50 PSI safety valve and an automatic air eliminator valve. Kettle construction is in accordance with the ASME code.

Model	Input BTU/Hour	Combustion Efficiency
F-20GL	100,000	78% Minimum
F-30GL	100,000	78% Minimum
F-40GL	100,000	75% Minimum
F-60GL	130,000	75% Minimum

**OPERATION WILL BE BY:** Natural or L.P. gas utilizing a high efficiency power burner system. The steam kettle is A.S.M.E. code stamped for operation to 50 PSI. Temperature range from 150°F to 285°F.

The controls shall be equipped for operation on:  
 120 VAC, 1pH, 50/60 Hz.

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**OPTIONAL AT EXTRA COST:**

- Stainless Steel Tri-Basket.
- Single Pantry Faucet with Swing Spout.
- Double Pantry Faucet with Swing Spout.
- 316 Stainless Steel Liner for High Acid Content Products for 60-Gallon Kettle (Standard on 20, 30 & 40-Gallon).
- Graduated Measuring Strip.
- 3" Draw-Off Valve.
- Solid Draw-Off Strainer.
- Spring Assist Cover for 20, 30 & 40-Gallon (Standard on F-60GL).

The manufacturer reserves the right to modify materials and specifications without notice.

SPEC SHEET: S-2425D  
08/13

FOOD SERVICE EQUIPMENT  
Stationary Gas Kettle



**MARKET FORGE**  
INDUSTRIES INC.

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## DETAILS & DIMENSIONS

### SERVICE CONNECTIONS

#### Gas Operated

EC	Electrical Connection - 120 Volt, 60 Hz, 1 pH, furnished with 6 ft. cord with 3 pronged plug. Total Max. Amps 2.0.
G	Gas Connection - 1" (25mm) N.P.T.

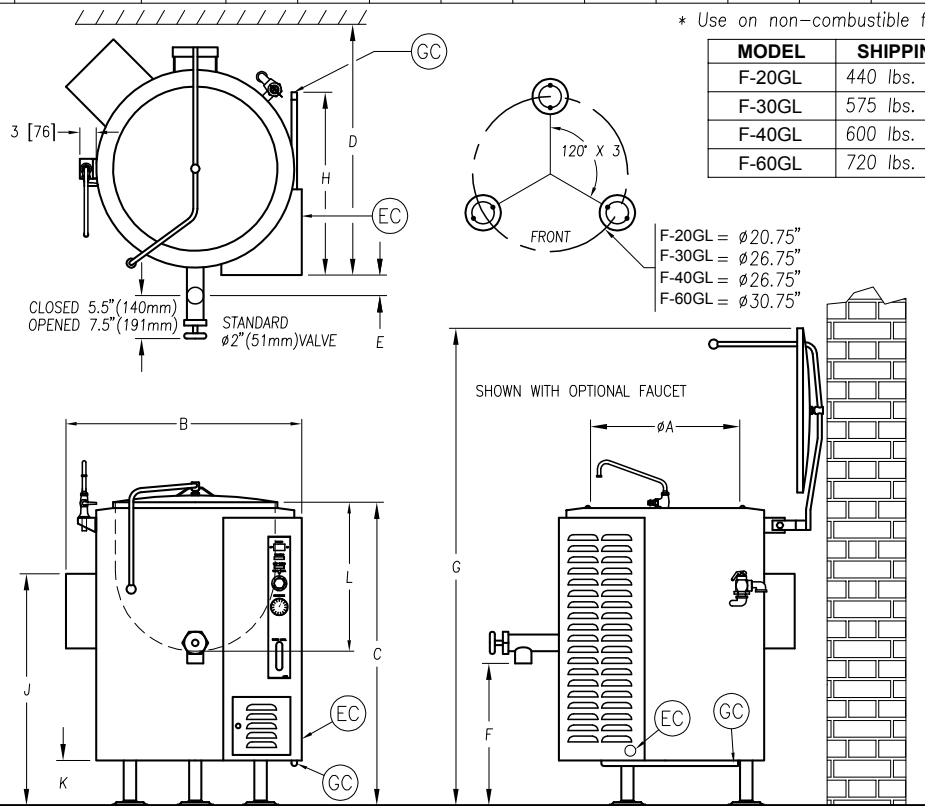
MODEL	GAS SUPPLY				MIN. CLEARANCE*	
	BTU/HR.	KW/HR.	SUPPLY PIPE PRESSURE (W.C.)			
F-20GL/30GL/40GL	100,000	29.3	Natural 6" - 14" (152-356mm)	Propane 11" - 14" (279-356mm)	SIDES	6 [152]
F-60GL	130,000	38.1			BACK	2 [51]

### DIMENSIONS

MODEL	CAPACITY	UNITS	A	B	C	D	E	F	G	H	J	K	L
F-20GL	20 gallons 76 litres	inches mm	20 508	31.25 794	40 1016	32 813	3 76	19 483	64 1626	24 610	30.5 775	6.0 152	18.25 464
F-30GL	30 gallons 114 litres	inches mm	26 660	35.5 902	39.75 1010	38.5 978	2 51	19 483	67.75 1721	29 737	35 889	6.0 152	17.75 451
F-40GL	40 gallons 152 litres	inches mm	26 660	35.5 902	44 1118	38.5 978	2 51	19 483	72 1829	29 737	35 889	6.0 152	22 559
F-60GL	60 gallons 227 litres	inches mm	30 762	40 1016	49.5 1257	42 1016	2.5 63	21.5 546	85 2159	35 889	39 991	8.0 203	24.62 625

\* Use on non-combustible floors only.

MODEL	SHIPPING WT.
F-20GL	440 lbs. [200 kg]
F-30GL	575 lbs. [261 kg]
F-40GL	600 lbs. [272 kg]
F-60GL	720 lbs. [327 kg]



It is our policy to build equipment which is design certified by A.S.M.E., N.S.F. and C.S.A. However, a continuing program of product improvement makes it necessary to submit new models to the agencies as they are developed and consequently not all models bear the appropriate agency labels at all times.

SPEC SHEET: S-2454D  
08/13

FOOD SERVICE EQUIPMENT  
Stationary Gas Kettle



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