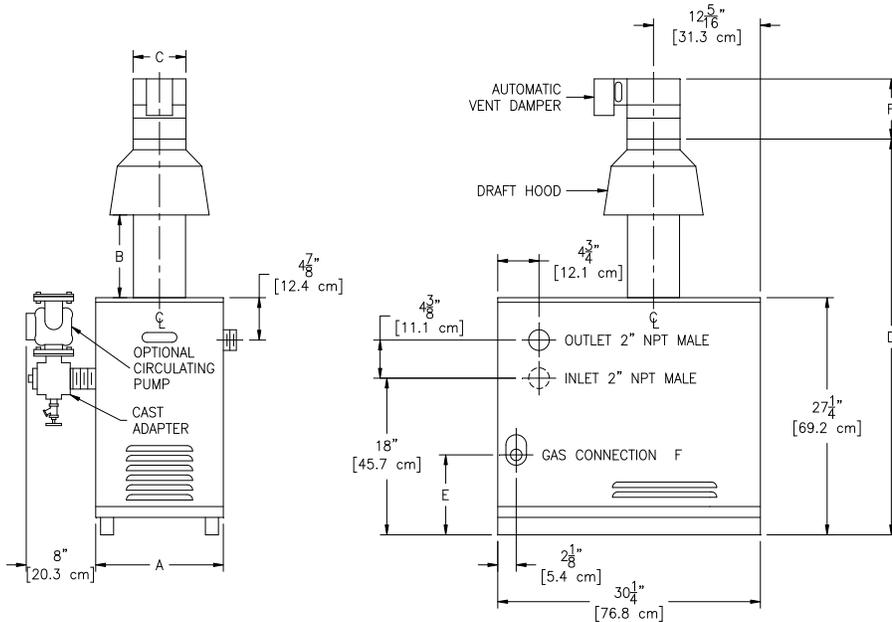




# SG SERIES BOILERS

## DIMENSIONS AND SPECIFICATIONS FOR MODELS SG-135 TO SG-270



### Standard Model Includes:

- Integrated Boiler Controller
- Zone Control Board with Transformer
- Stainless Steel Burners
- Combination Gas Valve
- High Limit Sensor
- Temperature / Pressure Gauge
- A.S.M.E. Pressure Relief Valve
- Drain Valve
- Draft Hood
- Blocked Vent Safety Switch
- Flame Roll-out Safety Switch
- Automatic Vent Damper

### “PS” Packaged Models Include

#### Standard Model Parts plus:

- Circulating Pump
- Custom Cast Iron Pump Adapter
- Expansion Tank
- Air Purger
- Combination Fill / Regulator Valve
- Automatic Air Vent

Allow 24" (609 mm) minimum in front for servicing.

Minimum clearances to combustible material: Top 24" (610 mm), Sides 2" (51 mm), Rear 2" (51 mm), Flue 6" (153 mm)

APPROVED FOR COMBUSTIBLE FLOORS & CLOSET INSTALLATION.

The Super Hot product improvement program may result in changes to the design and/or specifications being made without notice.

MODEL NUMBER	INPUT*	OUTPUT**	NET AHRI RATING †	AFUE	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	GAS CONN. F	SHIPPING WEIGHT
	MBH	MBH	MBH	%	in.	in.	in.	in.	in.	in.	NPT	lb.
SG-135	135	115	100	85.0	14.7	9.5	6.0	45.3	9.8	4.5	1/2"	191
SG-180	180	153	133	85.0	17.7	9.5	6.0	45.3	9.8	4.5	1/2"	222
SG-225	225	191	166	85.0	20.7	9.5	7.0	46.5	9.8	6.5	3/4"	253
SG-270	270	229	199	85.0	23.7	9.5	8.0	47.6	9.8	7.5	3/4"	284

MODEL NUMBER	INPUT*	OUTPUT**	NET AHRI RATING †	AFUE	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	GAS CONN. F	SHIPPING WEIGHT
	kW	kW	kW	%	cm	cm	cm	cm	cm	cm	NPT	kg
SG-135	39.6	33.7	29.3	85.0	37.3	24.1	15.2	115	24.9	13.9	1/2"	87
SG-180	52.8	44.8	39.0	85.0	45.0	24.1	15.2	115	24.9	13.9	1/2"	101
SG-225	65.9	56.0	48.6	85.0	52.6	24.1	17.8	118	24.9	16.5	3/4"	115
SG-270	79.1	67.1	58.3	85.0	60.2	24.1	20.3	121	24.9	19.0	3/4"	129

\* For altitudes above 2,000 feet, refer to Section 3.6 to determine the appropriate Input de-rate or contact the factory.

\*\* Output based on Natural Gas models

† Based on piping and pickup allowance of 1.15.

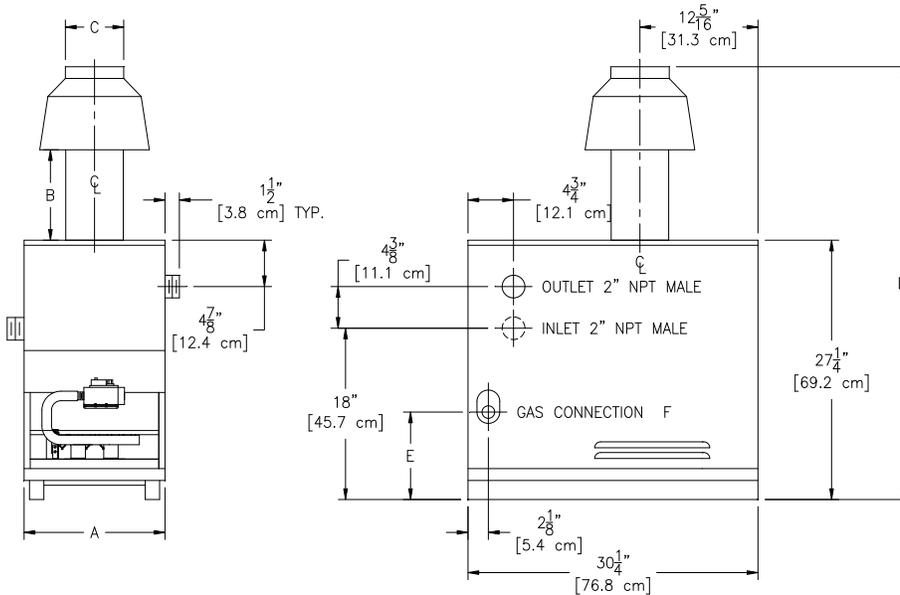
### Options:

- Natural Gas add suffix "N" - Propane models add suffix "P"
- Electric Ignition add suffix "E"
- Add 45 pounds weight (20 kg) for packaged boilers - add suffix "PS"



# SG SERIES BOILERS

## DIMENSIONS AND SPECIFICATIONS FOR MODELS SG-315 TO SG-495



### Standard Model Includes:

- Electronic Ignition
- Stainless Steel Burners
- Combination / Non-Combination Gas Valve
- Redundant Gas Valve
- Operating Aquastat
- High Limit Aquastat
- Temperature / Pressure Gauge
- A.S.M.E. Pressure Relief Valve 30 psi
- Drain Valve
- Draft Hood
- Transformer
- Control Panel Enclosure

Allow 24" (610 mm) minimum in front for servicing.

Minimum clearances to combustible material: Top 24" (610 mm), Sides 2" (51 mm), Rear 2" (51 mm), Flue 6" (153 mm)

APPROVED FOR COMBUSTIBLE FLOORS & CLOSET INSTALLATION, do not install on carpeting.

The Super Hot product improvement program may result in changes to the design and / or specifications being made without notice.

MODEL NUMBER	INPUT*		OUTPUT			DIM A**		DIM B		DIM C		DIM D		DIM E		GAS CONN. F	SHIPPING WEIGHT	
	MBH	kW	MBH	kW	H.P.	in.	cm	in.	cm	in.	cm	in.	cm	in.	cm		NPT	lb.
SG-315	315	92.3	265	77.7	7.9	26.7	67.8	9.5	24.1	8.0	20.3	47.6	121	9.8	24.9	3/4"	307	140
SG-360	360	106	303	88.8	9.0	29.7	75.4	9.5	24.1	9.0	22.9	48.6	124	11.5	29.2	3/4"	336	153
SG-400	400	117	337	98.7	10.0	32.7	83.1	9.5	24.1	9.0	22.9	48.6	124	11.5	29.2	3/4"	368	167
SG-450	450	132	379	111	11.3	35.7	90.7	15.5	39.4	10.0	25.4	55.3	140	11.5	29.2	1"	395	180
SG-495	495	145	417	122	12.4	38.7	98.3	15.5	39.4	10.0	25.4	55.3	140	11.5	29.2	1"	424	193

\* For altitudes above 2,000 feet, refer to Section 3.6 to determine the appropriate Input de-rate or contact the factory.

\*\* Add 3" to dimension 'A' (1 1/2" to each side of boiler) to allow for 2" NPT water connections.

### Options:

- Natural Gas add suffix "N" - Propane models add suffix "P"
- Electric Ignition add suffix "E"
- High/Low fire add suffix "M" - Full Modulation add suffix "MOD"