

Commercial
Electric
Water Heaters

JOB NAME _____

LOCATION _____

ENGINEER _____

MECH. CONTRACTOR _____

MODEL NO. _____

ELECTRIC TYPE _____

Btu/hr INPUT _____

RECOVERY RATE IN GPH _____ @ _____ °F RISE

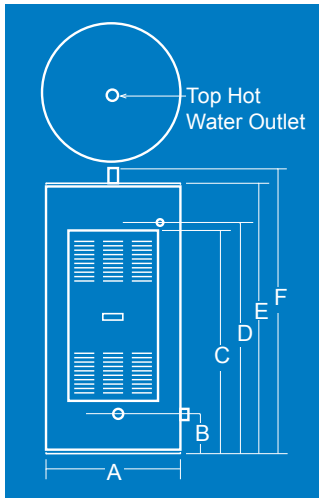
NOTES

Features

- **Heavy Gauge Steel Tank** – for extra years of trouble-free service.
- **Inner Tank Glass-Lined** – with Dura-Glas™ & fired at 1600°F for optimum protection from the effects of corrosion.
- **Three Inches of Non-CFC Energy-Saving Foam Insulation** – R-24 value insulation reduces energy costs by maximizing heat retention.
- **Multiple Anode Rods** – to ensure longer tank life.
- **Dry-Fire Protection & Reduced Lime Accumulation** – with low watt density screw in Incoloy elements.
- **Individual Thermostat for Each Heating Element** – for variable temperature control.
- **Thermostat Control** – fully adjustable to 180° F.
- **Heating Elements & Thermostat Controls** – are fuse-protected.
- **Factory Installed Energy Cut-off System.**
- **Factory Pre-Wired Control Box.**
- **Factory Supplied Pressure/Temperature Relief Valve.**
- **Easy Tank Inspection & Easy Removal of Sediment** – with a full-sized hand-hole cleanout.
- **AMERICAN STANDARD Commercial Electric Water Heaters** – are certified at 300 PSI test pressure & 150 PSI working pressure, and all tanks are 100% hydrostatically tested at the factory.
- **UL Listed & CSA Certified** – to meet NSF/ANSI 5 Standards.
- **Four Year Limited Warranty** – on inner glass-lined tank. One year limited warranty on all other component parts.

SPECIFICATIONS AND APPLICATION DATA

DIMENSIONS IN INCHES



MODEL	CE-52-AS	CE-80-AS	CE-120-AS
GALLON Capacity	52	80	119
EXTERIOR Dimensions			
A Jacket Diameter	24-3/4	28-1/4	30-1/4
B Floor To Cold Water Inlet	6-1/2	6-1/2	6-1/2
C Floor To Top Of Control Box	46-9/16	46-9/16	46-9/16
D Floor To PTR Valve	44-3/8	48-17/32	59-7/8
E Height To Top Of Heater	51-1/2	56-1/4	68
F Floor To Hot Water Outlet	54-1/4	58-5/8	70-3/4
Front Control Access Panel Depth	4-1/2	4-1/2	4-1/2
CONNECTIONS			
Water Connection	1-1/2	1-1/2	1-1/2
SHIPPING WEIGHT			
[in pounds - approximate]	271	366	483

ELECTRICAL CHARACTERISTICS

Kw Input	Number Of Elements (Fused Models)*				Full Load Current Amperes											
	208V Phase		240V Phase		277V Phase		480V Phase		208V Phase		240V Phase		77 V Phase		480V Phase	
	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3
6	1	3	1	3	2	N/A	1	3	28.8	16.6	25.0	14.4	21.6	N/A	12.5	7.2
9	3	3	3	3	3	N/A	3	3	42.2(2)	25.0	37.5(2)	21.6	32.4(2)	N/A	18.7(2)	10.8
12	2	3	2	3	2	N/A	2	3	57.6	33.3	50.0	28.9	43.3(2)	N/A	25.0	14.4
15	3	3	3	3	3	N/A	3	3	72.1	41.6	62.5	36.1	54.1	N/A	31.2	18.0
18	3	3	3	3	3	N/A	3	3	86.5	50.0	75.0	43.4	64.0	N/A	37.5	21.6
24	4	6	4	6	4	N/A	4	6	115.4	66.7	100.0	57.8	86.6	N/A	50.0	28.9
27	6	6	6	6	6	N/A	6	6	129.8	75.0	112.5	65.0	97.4	N/A	56.2	32.5
30	5	6	5	6	5	N/A	5	6	144.2	83.3	125.0	72.2	108.3	N/A	62.5	36.1
36	6	6	6	6	6	N/A	6	6	173.0	100.0	150.0	86.7	129.9	N/A	75.0	43.3
45	9	9	9	9	9	N/A	9	9	216.3	125.0	187.5	108.3	162.4	N/A	93.7	54.1
54	9	9	9	9	9	N/A	9	9	259.6	150.0	225.0	130.0	194.6	N/A	112.5	65.0

*Units with amperage draw of 48 amps or more require factory installed fusing **If the number of elements on nonfused models is different, it is indicated in parentheses() following the AMP draw. Thermostat settings range from 140°F to 180°F. Optional 80°F to 140°F.

GPH RECOVERY AT VARIOUS TEMPERATURE RISES

Kw INPUT	TEMPERATURE RISE FAHRENHEIT								
	40°	50°	60°	70°	80°	90°	100°	120°	140°
6	62	50	41	35	31	28	25	21	18
9	93	74	62	53	47	41	37	31	27
12	124	99	83	71	62	55	50	41	35
15	155	124	103	89	78	69	62	52	44
18	186	149	124	106	93	83	74	62	53
24	248	199	164	142	124	110	99	83	71
27	279	223	186	160	140	124	112	93	80
30	310	248	207	177	155	138	124	103	89
36	372	298	248	213	186	165	149	124	106
45	465	372	310	266	233	207	186	155	133
54	558	447	372	319	279	248	223	186	160

American Standard®
WATER HEATERS

AMERICAN STANDARD reserves the right to make product changes and/or improvements without notice.

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