

# American Standard®

## Commercial Electric Water Heaters

Models	Gallon Capacity
<b>CE-52-AS</b>	<b>52</b>
<b>CE-80-AS</b>	<b>80</b>
<b>CE-120-AS</b>	<b>119</b>



THESE WATER HEATERS MEET OR EXCEED  
ASHRAE 90.1B-1992 STANDARD AND ARE LISTED  
WITH THE CALIFORNIA ENERGY COMMISSION.

*American Standard Commercial Electric Models; CE-52-AS, CE-80-AS, and CE-120-AS are designed for point-of-use installations where large quantities of hot water are required on a commercial basis. Customary applications include industrial buildings, motels, hotels, schools, hospitals, restaurants, laundromats, car washes and multi-family developments.*

### COMMERCIAL ELECTRIC WATER HEATER FEATURES

- Heavy Gauge Steel Tank.
- Inner Tank Glasslined With Dura-Glas™ —  
*fired at 1600°F for optimum protection from the effects of corrosion*
- Three Full Inches Of Non-CFC, Energy-Saving Foam Insulation —  
*R-24 value insulation reduces fuel cost 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 Is 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*

### TESTING & CERTIFICATIONS

- AMERICAN STANDARD commercial electric water heaters —  
*are certified at 300 PSI test pressure and 150 PSI working pressure, and all tanks are 100% hydrostatically tested at the factory*
- UL Listed and NSF approved.

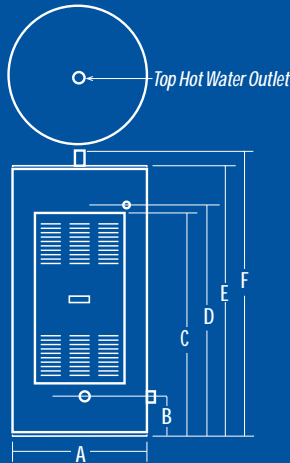
### WARRANTY

- Three year limited warranty on inner glass-lined tank.
- One year limited warranty on all other component parts.

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## COMMERCIAL ELECTRIC WATER HEATERS SPECIFICATIONS & APPLICATION DATA

### DIMENSIONS [in inches]



MODEL	CE-52-AS	CE-80-AS	CE-120-AS
GALLON Capacity	52	80	119
<b>EXTERIOR Dimensions</b>			
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
<b>CONNECTIONS</b>			
Water Connection	1-1/2	1-1/2	1-1/2
<b>SHIPPING WEIGHT</b>			
[in pounds - approximate]	271	366	483

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

### ELECTRICAL CHARACTERISTICS

Kw Input	Number Of Elements (Fused Models)*								Full Load Current Amperes							
	208V		240V		277V		480V		208V		240V		277V		480V	
	Phase 1	Phase 3	Phase 1	Phase 3	Phase 1	Phase 3	Phase 1	Phase 3	Phase 1	Phase 3	Phase 1	Phase 3	Phase 1	Phase 3	Phase 1	Phase 3
6	1	3	1	3	2	NA	1	3	28.8	16.6	25.0	14.4	21.6	N/A	12.5	7.2
9	3	3	3	3	3	NA	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

**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	

Units with amperage draw of 48 amps or more require factory installed fusing  
\* If the number of elements on non-fused 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.



"Living Up To A Higher Standard"

**American Standard® COMMERCIAL WATER HEATERS**

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