

HEAVY DUTY ELECTRIC TANK-TYPE WATER HEATERS

3 KW THRU 36 KW



(With Optional Seal Kit)



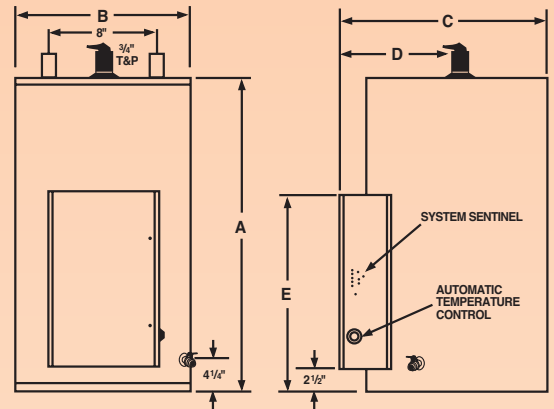
Standard Features:

- System Sentinel™ L.E.D. diagnostic system
- Immersion thermostat
- Lifeguard stainless steel elements
- 208, 240, 277 and 480 voltages
- 3 year limited tank warranty
- Manual reset high limit control
- Magnetic contactors and integral fusing
- 3/4" couplings
- 2-1/2" Rigid polyurethane foam insulation

- Heavy duty anode rods
- Brass drain valve
- Factory installed AGA/ASME rated T&P relief valve
- Certified for a 160 PSI maximum working pressure
- All models ASME certified
- Factory wired 3-phase

Options:

- UL Sanitation compliant ring seal kits available



INPUT KW	MODEL NUMBERS			
	IMMERSION THERMOSTATS			
	Tank Capacity In Gallons			
	12	20	30	40
3	TE12A-3-G	TE20A-3-G	TE30A-3-G	TE40A-3-G
6	TE12A-6-G	TE20A-6-G	TE30A-6-G	TE40A-6-G
9	TE12A-9-G	TE20A-9-G	TE30A-9-G	TE40A-9-G
12	N/A	TE20A-12-G	TE30A-12-G	TE40A-12-G
15	N/A	TE20A-15-G	TE30A-15-G	TE40A-15-G
18	N/A	TE20A-18-G	TE30A-18-G	TE40A-18-G
24	N/A	N/A	TE30A-24-G	TE40A-24-G
27	N/A	N/A	TE30A-27-G	TE40A-27-G
30	N/A	N/A	TE30A-30-G	TE40A-30-G
36	N/A	N/A	TE30A-36-G	TE40A-36-G

In accordance with ANSI test procedures, these models tested below the maximum allowable standby loss levels of ASHRAE Standard 90.1b-2001 (Part of the Federally mandated Energy Policy Act (EPact)). Also exceeds energy codes of all states including California Energy Commission (CEC).

WATER TEMPERATURE RATINGS					
Model Number	Tank Capacity Gallons	Thermostat Type	Minimum Delivered Temperature	Maximum Delivered Temperature	High Temperature Limit
TE12A	13	Immersion	90°F	190°F	200°F
TE20A	19.9	Immersion	90°F	190°F	200°F
TE30A	30	Immersion	90°F	190°F	200°F
TE40A	40	Immersion	90°F	190°F	200°F

DIMENSIONAL INFORMATION						
All dimensions shown in inches						
MODEL NUMBER	A	B	C	D	E	APPROX. SHIPPING WEIGHT (LBS.) ASME
TE12A	28-1/2	19	24-1/4	14-3/4	26-1/4	135
TE20A	36-1/2	19	24-1/4	14-3/4	26-1/4	160
TE30A	49-1/4	19	24-1/4	14-3/4	32-1/2	192
TE40A	53-3/4	21	26-3/4	16-1/2	32-1/2	228

RECOVERY CAPACITIES							
Recovery in U.S. Gallons/Hr. (GPH) at Various Temperature Rises							
INPUT KW	EQUIVALENT BTU/HR.	40°F (22.2°C)	60°F (33.3°C)	80°F (44.4°C)	100°F (55.6°C)	120°F (66.7°C)	140°F (77.8°C)
3	10,236	31	21	16	12	10	9
6	20,473	62	41	31	25	21	18
9	30,709	93	62	47	37	31	27
12	40,946	124	83	62	50	41	35
15	51,183	155	103	78	62	52	44
18	61,420	186	124	93	74	62	53
24	81,893	248	165	124	99	83	71
27	92,129	279	186	140	112	93	80
30	102,366	310	207	155	124	103	89
36	122,839	372	248	186	149	124	106

All models are North Carolina and Massachusetts Code compliant.

