

### ELECTRIC TANKLESS COMMERCIAL AND RESIDENTIAL POINT-OF-USE

#### DRY-FIRE PROTECTION

- Prevents element failure due to dry fire
- Internal air bypass
- Temporary shutoff with excess air in chamber

#### WIDE VARIETY OF KW AND VOLTAGE OPTIONS FOR EVERY APPLICATION

- 2.4kW – 12kW
- 120V, 208V, 240V, 277V options

#### EASY INSTALL

- Wall mount in vertical or horizontal position
- ¾" NPT water connections with two ¾" x ½" reducers included
- No venting required
- No T&P valve required (check local code)

#### CONTINUOUS HOT WATER WHEN SIZED APPROPRIATELY

#### EASY MAINTENANCE

- No moving parts or screens to service
- Elements can be replaced without removing the unit from the wall
- Standard immersion tank-type elements

#### SCALE-REDUCTION TECHNOLOGY

- Reduces failures and service requirements due to hard scale buildup
- Power-sharing technology reduces scale deposits on the element
- Dupont™ Zytel® chambers naturally resist scale buildup

#### SIZE ALLOWS FOR INSTALLATIONS WITH SPACE CONSTRAINTS

#### SELF DIAGNOSTICS WITH LEAK DETECTION SHUTDOWN

#### CODE COMPLIANCE

- Meets current UBC and CEC National Codes
- Listed and tested to UL 499 Appliance and UL 834 Space Heating Standards
- Control tested to achieve temperature limit control requirements of UL 353 and CSA C22.2

#### 5-YEAR LIMITED WARRANTY

- For complete information, consult the written warranty or go to [hotwater.com](http://hotwater.com)



COMMERCIAL AND RESIDENTIAL





# POINT-OF-USE ELECTRIC WATER HEATERS COMMERCIAL AND RESIDENTIAL

Model Number	Wattage (kW)	Voltage (V)	Amperage (A)	Recommended Breaker Size	Recommended Wire Size	UEF	Activation GPM	Dimensions (in)			Approx. Shipping Weight (lbs)
								A	B	C	
RPVA-24K	2.4	120	20	1 x 20	12	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-30K	3	120	25	1 x 25	10	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-35K	3.5	120	29	1 x 30	10	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-35E	3.5	240	15	1 x 15	14	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-40X	4	208	19	1 x 20	12	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-45E	4.5	240	19	1 x 20	12	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-55E	5.5	240	23	1 x 25	10	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-70E	7	240	29	1 x 30	10	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-78X	7.8	208	38	1 x 40	8	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-80E	8	240	33	1 x 40	8	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-90E	9	240	38	1 x 40	8	0.6	0.25	16 5/8	6 1/2	7 3/16	8
RPVA-120E	12	240	50	1 x 50	6*	0.6	0.25	16 5/8	6 1/2	7 3/16	8
CPVA-30Y	3	277	11	1 x 15	14	0.6	0.25	16 5/8	6 1/2	7 3/16	8
CPVA-40Y	4	277	14	1 x 15	14	0.6	0.25	16 5/8	6 1/2	7 3/16	8
CPVA-60Y	6	277	21	1 x 25	10	0.6	0.25	16 5/8	6 1/2	7 3/16	8
CPVA-73Y	7.3	277	26	1 x 30	10	0.6	0.25	16 5/8	6 1/2	7 3/16	8
CPVA-90Y	9	277	32	1 x 40	8	0.6	0.25	16 5/8	6 1/2	7 3/16	8

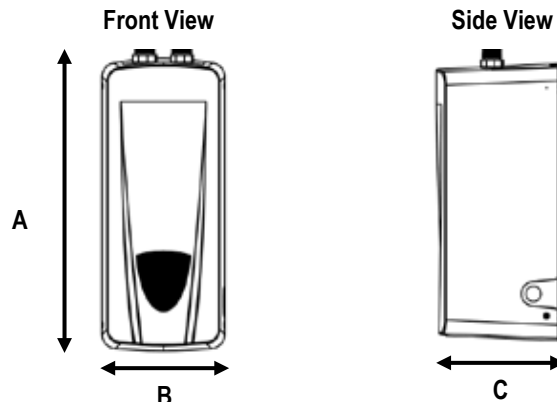
GPM AT TEMPERATURE RISE													
	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°
2.4 kW	0.8	0.7	0.5	0.47	0.41	0.36	0.33	0.30					
3.0 kW	1.0	0.8	0.7	0.6	0.5	0.46	0.41	0.37	0.34	0.32			
3.5 kW	1.2	1.0	0.8	0.7	0.6	0.5	0.48	0.43	0.40	0.37	0.34	0.32	
4.0 kW	1.4	1.1	0.9	0.8	0.7	0.6	0.6	0.5	0.46	0.42	0.39	0.36	0.34
4.5 kW	1.5	1.2	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.47	0.44	0.41	0.38
5.5 kW	1.9	1.5	1.3	1.1	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.47
6 kW	2.0	1.6	1.4	1.2	1.0	1.0	0.8	0.8	0.7	0.6	0.6	0.5	0.5
7 kW	2.4	1.9	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6
7.3 kW	2.5	2.0	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6
7.8 kW	2.6	2.1	1.7	1.5	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7
8 kW	2.7	2.2	1.8	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7
9 kW	3.1	2.5	2.0	1.8	1.5	1.4	1.2	1.1	1.0	0.9	0.9	0.8	0.8
12 kW	4.1	3.3	2.7	2.3	2.0	1.8	1.6	1.5	1.4	1.3	1.2	1.1	1.0

Dimensions and specifications are subject to change without notice in accordance with our policy of continuous product improvement.

Recommended that all wire be rated 90°C or greater.

Factory set point is 105°F. This can easily be changed in the field as needed or desired.

\* Maximum recommended wire size is #6 cu AWG.



For technical information, call 800-527-1953. A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.