

ADK Series

Point of use & whole house applications



Applications:

Homes, Condos, Multi-Family, Hospitals, RV's, Campers, Boosters, Hospitals, Jacuzzi's, Restaurants, Beauty Salons, Boats



Warranty

1 year warranty on heating elements
3 year on components
Life Time on heat exchanger

1-2 showers with incoming water temp higher than 70° F.

Specifications



Model	KW	Amps	Breaker	Voltage	Cable
SADK-1	13.9	58	60	240	6-2
ADK-1	12.6	53	60	240	6-2
ADK-2	8.2	37	40	240	8-2
ADK-3	6.4	29	30	240	8-2
ADK-4	3.2	29	30	120	10-2

Maximum Hot Water Flow Rate Temperature Rise

Model	1.0 gpm	1.5 gpm	2.0 gpm	2.5 gpm	3.0 gpm	3.5 gpm
SADK-1	95°	63°	47°	38°	31°	27°
ADK-1	85°	57°	43°	34°	29°	24°
ADK-2	57°	38°	28°	22°	***	***
ADK-3	43°	28°	21°	***	***	***
ADK-4	20°	***	***	***	***	***

All you have to do is add these temperature rises to your incoming water temp, and that will be your output water temperature.

For example: ADK-1 will rise your incoming water temp @ 1 gpm a 80F temp rise = output water temperature

How to Choose your model

In order to choose the correct model there are 3 primary factors to consider.

1. Inlet water temperature
2. Maximum flow rate desired
3. Electrical service

1. In order to obtain the correct incoming water temperature, use a digital thermostat and open your cold water faucet and place thermostat under the water

Applications	Flow rate in (Gallons per min.)
Typical Shower	1.5 a 2.5 gpm
Typical bath tub faucet	1.5 a 3.0 gpm
Typical kitchen faucet	1.0 a 1.5 gpm
Typical bathroom faucet	1.0 a 1.5 gpm
Washing machine	1.0 a 2.0 gpm

2. You should consider how much flow of hot water you will really need. Then see the application flow rates found above to figure out some typical flow rates found in the home. Also add your incoming water temp to the temp rise to figure out your output temperature

3. Always speak to an electrician before installing the product, in order to make sure you have the amount of amperage in the home to install the unit.

Example: If you will desire 2 gpm, all you have to do is look for the 2 gpm on the max temp rise chart to the left and find your temp rise, then add it to your incoming water temp, and you will have your output temperature

temp.rise_____ + inlet Temp_____ = outputTemp.

If you have any questions please call

1-888-818-4328

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AHSH Series



Point of use

Applications:

Houses, Condos, Apartments, Hospitals, RV's, Campers, Boats Pool side



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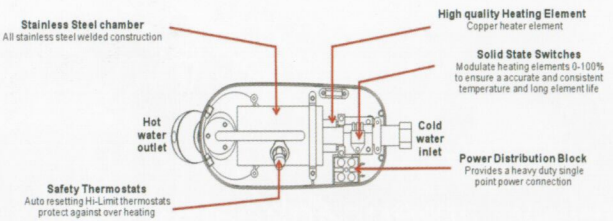
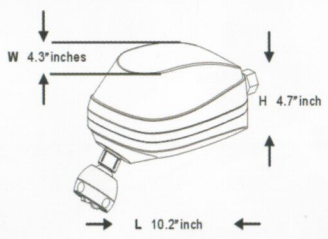
Warranty

6- Months

Dimensions: 10.5" x 4.7" x 4.3" inches
Weight : 4 lbs.
Cover: ABS Plastic (100% recyclable)
Heat exchanger: 100% Stainless Steel
Elements: Brass Flange/ Copper
Pipe: 1/2" inches
Activation: .25 gallons
Min/Max pressure: 25 psi / 150 psi
Warranty: 6-month warranty



Specifications



Model no.	KW	Voltage	Amp	Temp Rise @ 1.5
AHSH 5000	6/kw	240/220	30	26°F
AHSH 2500	3/kw	110/120	30	18°F

AH Series

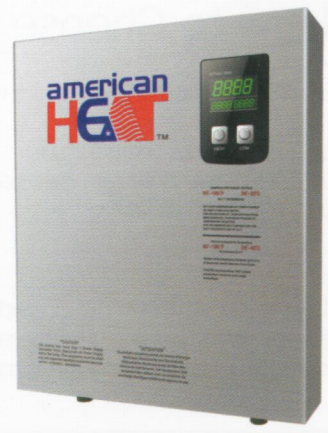
Whole House applications

Applications

Houses, Condos, Apartments, Hospitals, RV's, Campers, Bots, booster, pools, restaurants, more than one application,

Warranty

1 year warranty on heating elements
 3 year on components
 Life Time on heat exchanger



3-4 showers with incoming water temperatures of higher than 70° F.



Specifications

Model	KW	Amp	Breaker	Volts	Cable
AH-11	11	45.8	2 x 30 Amp	240	2 x 8-2
AH-14	14	58.3	2 x 30 Amp	240	2 x 8-2
AH-16	16	66.6	2 x 40 Amp	240	2 x 8-2
AH-18	18	75.0	2 X 40 Amp	240	2 x 8-2
AH-21	21	87.5	3 x 40 Amp	240	3 x 8-2
AH-24	24	100	3 x 40 Amp	240	3 x 8-2
AH-27	27	112.5	3 x 40 Amp	240	3 x 8-2

Maximum Hot Water Flow Rate Temperature Rise

Model	(GPM)	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
AH-11	(Temp Rise)	74°F	49°F	37°F	29°F	24°F	21°F	***	***	***
AH-14	(Temp Rise)	95°F	63°F	47°	38°F	31°F	27°F	23°F	21°F	***
AH-16	(Temp Rise)	108°F	72°F	54°F	43°F	36°F	30°F	27°F	24°F	21°F
AH-18	(Temp Rise)	122°F	81°F	61°F	48°F	40°F	34°F	30°F	27°F	24°F
AH-21	(Temp Rise)	142.8°F	95.2°F	71.4°F	57.1°F	47.6°F	40.8°F	35.7°F	31°F	28°F
AH-24	(Temp Rise)	163.2°F	108.8°F	81.6°	65.2°F	54.4°F	46.6°F	40.8°F	36°F	32°F
AH-27	(Temp Rise)	183.6°F	122.4°F	91.8°F	73.4°F	61.2°F	52.4°F	45.9°F	40°F	36°F

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