



# Electric Tankless AHS Series

## Whole House Applications



### **BENEFITS**

- Unlimited supply of hot water
- Compact designs, installs anywhere inside of home
- No venting needed
- Save up to 60% on water heating bill
- .99 EF more efficient than tank heaters
- Easy installation
- Stainless Steel construction
- Save valuable Space
- Competitively priced vs. Tank Heaters without the waste

### **FEATURES**

- Intelligent electronic controls designed to increase energy efficiency & safety
- Heat Exchangers are 100% stainless steel to avoid corrosion
- Able to install in series
- Accurate output temperature circuits
- Self Modulating Feature
- Digital Temperature setting
- USB Diagnostics



### **APPLICATIONS**

Homes, Condos, Multi-Family, Hospitals, Boosters, Space heating, Pool heating, Cabins, Boats, Restaurants anywhere hot water is needed

### **WARRANTY**

- Limited Life Time Heat Exchangers
- 3-Year Internal Components
- 1-Year Heating Elements

### **SPECIFICATIONS**

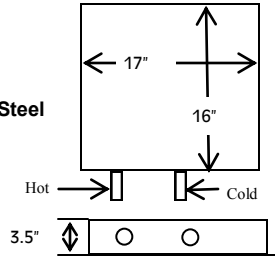
Model	KW	Amperage	Breaker*	Voltage	AWG#	Height	Width	Depth	Weight
AHS11D	11	46	2 x 30 Amp	240	2 x 8-2	16"	13.5"	3.5"	13.7 lbs.
AHS14D	14	58	2 x 30 Amp	240	2 x 8-2	16"	13.5"	3.5"	13.7 lbs.
AHS16D	16	66	2 x 40 Amp	240	2 x 8-2	16"	13.5"	3.5"	13.7 lbs.
AHS18D	18	75	2 X 40 Amp	240	2 x 8-2	16"	13.5"	3.5"	13.7 lbs.
AHS21D	21	87.5	3 X 40 Amp	240	3 x 8-2	16"	17"	3.5"	17.5 lbs.
AHS24D	24	100	3 x 40 Amp	240	3 x 8-2	16"	17"	3.5"	17.5 lbs.
AHS27D	27	112.5	3 X 40 Amp	240	3 x 8-2	16"	17"	3.5"	17.5 lbs.

\*Always follow all local and State building codes with respect to Electrical breakers used

# AHS Series Specifications

## AHS27D / AHS24D / AHS21D

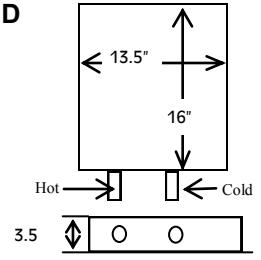
Dimensions: 16" x 17" x 3.5"  
 Weight: 17.5 lbs.  
 Cover: ASTM 304 Stainless Steel 1.5 mm  
 Body/Heat Exchanger: ASTM 304 Stainless Steel  
 Element: 3 Brass Flange/Copper  
 Pipe fittings: 3/4" NPT  
 Activation flow rate: .25 gallon  
 Operation Pressure: Min 25 PSI, Max 150  
 Warranty: 1-Year Heating elements, 3-Year components, Limited Life Time heat exchanger



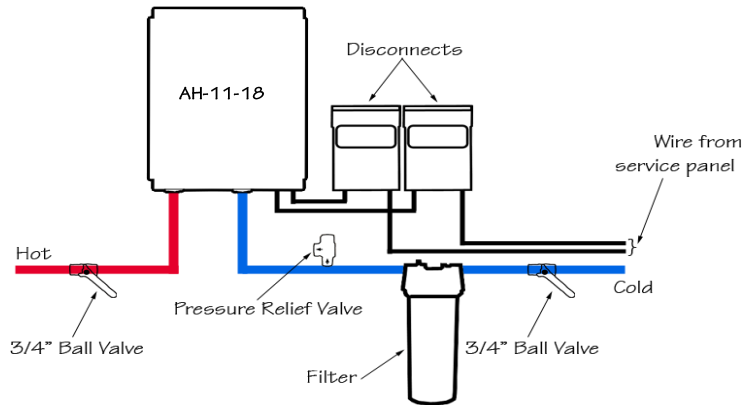
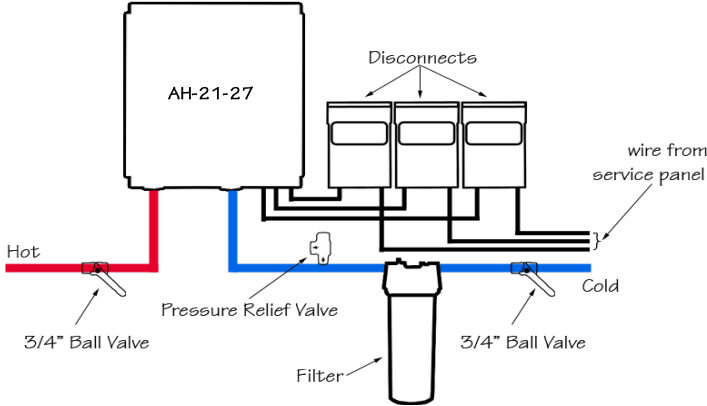
Installation Schematic for models AHS21D—AHS27D

## AHS18D / AHS16D / AHS14D / AHS11D

Dimensions: 16" x 13.5" x 3.5"  
 Weight: 13.7 lbs.  
 Cover: ASTM 304 Stainless Steel 1.5 mm  
 Body/Heat Exchanger: ASTM 304 Stainless Steel  
 Element: 2 Brass Flange/Copper  
 Pipe fittings: 3/4" NPT  
 Activation flow rate: .25 gallon  
 Operation Pressure: Min 25 PSI, Max 150  
 Warranty: 11-Year Heating elements, 3-Year components, Limited Life Time heat exchanger



Installation Schematic for models AHS11D—AHS18D



**IMPORTANT:** This product must be installed by a qualified contractor in accordance with all National, State, and Local building codes.

Model	kW RATING	VOLTS	AMPS	CURRENT PHASE	TEMPERATURE RISE IN °F / PER GALLONS PER MINUTE							AWG# Per/Circuit
					1.0 GPM	1.5 GPM	2.0 GPM	2.5 GPM	3.0 GPM	3.5 GPM	4.0 GPM	
AHS27D	27	240V	112.5	SINGLE	183°F	122°F	91°F	73°F	61°F	52°F	45°F	8 (3)
AHS24D	24	240V	100.0	SINGLE	163°F	108°F	81°F	65°F	54°F	46°F	40°F	8 (3)
AHS21D	21	240V	87.5	SINGLE	142°F	95°F	71°F	57°F	47°F	40°F	35°F	8 (3)
AHS18D	18	240V	75.0	SINGLE	122°F	81°F	61°F	48°F	40°F	34°F	30°F	8 (2)
AHS16D	16	240V	66.6	SINGLE	108°F	72°F	54°F	43°F	36°F	31°F	27°F	8 (2)
AHS14D	14	240V	58.3	SINGLE	95°F	63°F	47°F	38°F	31°F	27°F	23°F	8 (2)
AHS11D	11	240V	45.8	SINGLE	81°F	54°F	40°F	32°F	27°F	23°F	20°F	8 (2)

All AHS SERIES are SELF MODULATING with a Digital Temperature Control that allows the unit to be set from 80°F-140°F (26°C-61°C). Led display converts from F-C by holding both buttons simultaneously. AHS can be used for hot water feed as well as cold water feed using its modulating technology

### AMERICAN HEAT SUBMITTAL

7709 West 20th Ave., Hialeah, FL 33014  
 Toll Free: 888-818-4328 Tel: 305-556-5266 Fax: 305-556-9171

Engineer/Architect: \_\_\_\_\_  
 Job Name/Customer: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Contractor: \_\_\_\_\_

#### HEATER SPECIFICATIONS

Model # \_\_\_\_\_ Qty \_\_\_\_\_ KW \_\_\_\_\_ Voltage \_\_\_\_\_ AMPS \_\_\_\_\_ GPM \_\_\_\_\_

