

## Product Guidelines for Site Installation

Product Name:	<b>Thermo Scientific™ Barnstead™ Classic Water Distillation Systems</b>	Item Description:	<b>Tap to Type 2 Lab Water System</b>
Model #	<b>5 GPH</b>	Manufacturer	<b>Thermo Scientific</b>
Order #	<b>A1015-C, A1015-B-61</b>		

### A. RECOMMENDED FEED WATER SPECIFICATIONS

Resistivity	μS/cm	<b>&gt; 0.001</b>	μS/cm
Blocking Index	SDI max.	<b>&lt;3</b>	SDI
Manganese	mg/l	<b>&gt; 0.05</b>	mg/l
Iron	mg/l	<b>&gt; 0.05</b>	mg/l
Free Chlorine	mg/l	<b>&lt; 0.1</b>	mg/l
pH Range	pH	<b>4-11</b>	pH
Pressure	PSI	<b>40-90</b>	PSI
Flow Rate	GPH	<b>4</b>	GPH
Recommended Type	ASTM 1, 2, or 3	<b>Tap</b>	DIN2000

### B. ELECTRICAL POWER REQUIREMENTS

Electrical Specifications								
<b>A1015-C</b>	<b>208</b>	Volts	<b>50/60</b>	Hertz	<b>36</b>	Amps	<b>Single</b>	# of Phases
<b>A1015-B-61</b>	<b>240</b>	Volts	<b>50/60</b>	Hertz	<b>57</b>	Amps	<b>Single</b>	# of Phases
Total number of receptacles / plugs required to operate water system.							<b>2</b>	
Length of line cord		<b>5</b>	Feet	<b>0</b>	Inches			

### C. PLUMBING REQUIREMENTS

Water Inlet Line			
Type of Fitting		<b>Male NPT</b>	
Size of Fitting		<b>1/4</b>	Inch
Manual Cutoff Valve		<b>Strongly Recommend</b>	
Waste Drain			
Type of Drain		<b>Atmospheric</b>	
Max. Distance from Unit		<b>3</b>	Feet
Size of Drain Fitting		<b>1/2"</b>	
The drain construction should be able to handle 180°C water and 40 GPH			

### D. SPATIAL REQUIREMENTS

Equipment exterior dimensions (inches):	<b>35</b>	Width	<b>14</b>	Depth	<b>77</b>	Height
Equipment Weight (lbs):	<b>80</b>	Lbs.				

### E. Accessories / Replacement Consumables

#### Require/Optional Accessories

- H3111 Ventgard Air Filter and Water Seal (Required Accessory for Storage Reservoir)
- H4005 UV Light Assembly (Optional Accessory for Storage Reservoir)

#### Reservoir **Select One from the options below:**

- B3045 25 Gallon Tin Lined Reservoir

#### Reservoir Floor Stand\* or Wall Mounting Bracket (Select One from the options below) **Note - A1015 Still is Floor mounted only:**

- H1001 Floor Stand - 25 Gallon Reservoir
- H3242 Wall Mounting Bracket - 25 Gallon Reservoir

\* Customers are responsible for securing stand to floor.

#### Optional Accessories

- G2110 Fully Automatic Controls