

## 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>2 GPH</b>	Manufacturer	<b>Thermo Scientific</b>
Order #	<b>A1013-C, A1013-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>A1013-C</b>	<b>208</b>	Volts	<b>50/60</b>	Hertz	<b>17</b>	Amps	<b>Single</b>	# of Phases
<b>A1013-B-61</b>	<b>240</b>	Volts	<b>50/60</b>	Hertz	<b>26</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 16 GPH	

### D. SPATIAL REQUIREMENTS

Equipment exterior dimensions (inches):	<b>23</b>	Width	<b>11</b>	Depth	<b>68</b>	Height
Equipment Weight (lbs):	<b>80</b>	Lbs.				

### E. Accessories / Replacement Consumables

#### Required/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, A1013 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

- G2100 Fully Automatic Controls