

# Precision Pure PWS 12-12 & 12-20

## Automatic Family Size Water Distillers

For automatic family size convenience, the Precision Pure 12-12 & 12-20 Distiller's, hands-off, fully automatic operation is designed with the busy customer in mind. This automatic distiller allows you to go about your busy day, with the secure feeling that when you need it 12 or 20 gallons of the purest steam distilled drinking water are available at your fingertips, without the extra work and inconvenience of handling bottles. The outstanding features of this advanced design include: being constructed with high quality, easy to clean, mirror finish stainless steel; a user-friendly, easy to change and long lasting charcoal filter; and a 3/4" impurities drain system. Combine these outstanding features with the optional pump kit and automatic drain, and your busy schedule will just have become easier.

### PWS 12-12 SPECIFICATIONS

Height 41" 104.1cm    Depth 17<sup>3</sup>/<sub>8</sub>" 44.1cm  
Width 18<sup>5</sup>/<sub>8</sub>" 47.3cm    Weight 57lb 25.9kg

### PWS 12-20 SPECIFICATIONS

Height 51<sup>1</sup>/<sub>2</sub>" 130.8cm    Depth 18<sup>1</sup>/<sub>8</sub>" 46.0cm  
Width 18<sup>5</sup>/<sub>8</sub>" 47.3cm    Weight 66lb 30.0kg

Volts	Amps	Hertz	Watts
120v	9.2	60	1100
220v	5.0	50/60	1100



# PRECISION Water Systems



The Precision Pure PWS 12-12 & 12-20 Water Distillers are a result of over 25 years of distillation manufacturing experience. It's features and benefits provide the very best water system for steam distilled drinking water requirements. The Precision Pure PWS 12-12 & 12-20 provide safe pure water at home for a fraction of the cost of bottled water.

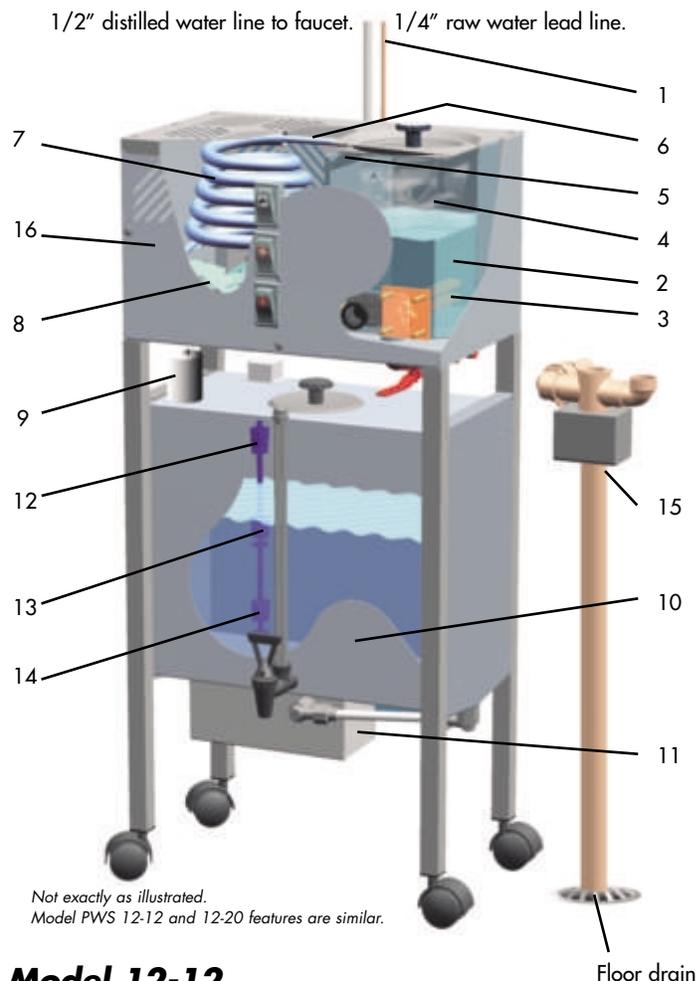
The Precision Pure PWS 12-12 & 12-20 Water Distillers duplicate nature's own method of purifying water. This highly reliable process for purifying water combines distillation with a high capacity activated carbon filter providing clean, great tasting water.

**Your Precision Pure PWS 12-12 & 12-20 are the most advanced water distillers on the market today. They are designed with many user-friendly features:**

1. Your water distiller is connected to your household water supply. The raw water feeds into the distiller through a 1/4" water line (1). This line is connected to a quick connect plumbing fitting. As the raw water enters the distiller it passes through a long life, stainless steel, sealed solenoid and then directly into the boiler chamber (2).
2. After the water reaches a level over the heating element (3), the distiller starts the heating cycle and brings the water to boil. The pure steam (4) rises and enters the baffle system (5), which breaks down any foaming in the boiler should it occur.
3. Any volatile gases are released through a special gas release vent at the highest point in the cooler system (6). The pure steam passes through the condenser coil (7). To support the cooling cycle a fan is used to properly cool the steam (8).
4. Pure water enters the stainless steel charcoal filter (9). This filter is 2/3 filled with activated coconut charcoal, which should be changed semi annually.
5. Finally, distilled water leaves the charcoal filter and runs into the high capacity stainless steel storage tank (10).
6. As the distilled water enters the storage tank, the water level lifts the pump control switch and activates the optional pump (11) to deliver distilled water to any combination of accessory faucet, ice maker or humidifier.
7. The distiller will continue to run until the water reaches the top of the storage tank and lifts the upper float (12) and turns itself off. As soon as the distiller shuts off, the automatic electric drain valve system (15) if equipped, automatically drains the impurities. As soon as you have used approximately 1/3 of the capacity of the tank the stainless steel stem float (13) will turn on the distiller and close the automatic drain valve (15) in order to fill the boiling tank and start the distilling cycle again.
8. The demand pump system (11), if equipped, connects to the bottom of the storage tank and electrically plugs into the bottom of the distiller head (16). The pump is protected by a built in fuse and a low level shut off float (14).

# Precision Pure 12-12 & 12-20 Water Distiller

**AUTOMATIC FAMILY SIZE CONVENIENCE**



Not exactly as illustrated.  
Model PWS 12-12 and 12-20 features are similar.

## Model 12-12

Distilling Capacity: 12.0 US gal. (45.0 L)/24 hrs\*  
Holding Tank Capacity: 12.0 US gal. (45.4 L)  
Shipping Weight: 76.0 lbs. (34.5 kg)

## Model 12-20

Distilling Capacity: 12.0 US gal. (45.0 L)/24 hrs\*  
Holding Tank Capacity: 20.0 US gal. (75.7 L)  
Shipping Weight: 83.0 lbs. (37.7 kg)

**Shipping Notes: 12-20 - 2 boxes (1) 24"x19"x46" (2) 24"x19"x18"**

FOR MORE INFORMATION ABOUT OUR PRODUCT LINE, OPTIONAL FEATURES AND OUR EXCELLENT WARRANTY, CONTACT YOUR PRECISION WATER SYSTEMS REPRESENTATIVE

\* Note: Performance based on optimum conditions including water temperature, ambient temperature, line voltage, boiling tank cleanliness, boiler fill level, etc. \* Specifications are subject to change without notice.  
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## FEATURES AND BENEFITS

-  Trouble free float system
-  Seal protected switching
-  Highly efficient, stainless steel finned coil
-  Advanced, worry free stainless steel water solenoid fill valve
-  Large 5" boiling and storage tank opening
-  3/4" drain for easy flushing
-  Charcoal filter – replaceable semi annually
-  Warranty • 2 year parts  
• 15 year pro rated on stainless steel



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