



**4 I**

**4**

**4**

**4**

For sparkling pure water, the Precision model 45-75 will give you a trouble-free supply of distilled water for years. All components are made from high grade stainless steel. For long life this distiller offers a unique boiling tank drain system, plus many more features. The large 75-gallon storage tank allows you to have an ample supply of distilled water on hand at all times.



#### PWS 45-75 SPECIFICATIONS\*

Height	67½"	171.5cm	Depth	21"	53.4cm
Width	25½"	64.8cm	Weight	152 lbs	77.3kg
Volts	Amps	Hertz	Watts		
208v	24.0	50/60	5100		
220v	24.0	50/60	5100		
240v	24.0	50/60	5100		

Precision Water Systems is the only Water Distiller Manufacturer that is Certified in North America, under CSA (Canadian Standards Association) 's current stringent standards. Our units are CSA/UL Certified under Class Number: C2831-83 and C2831-53.










# UNIQUE FEATURES OF THE 45-75 COMMERCIAL DISTILLER

This automatic distiller will produce 45 gallons of pure water per day. Water enters the unique boiling system, rises and enters the baffle and pure water tower. The pure steam is then cooled by an efficient cooling system. After the steam is cooled it leaves the cooling coil and goes through a stainless-steel tube or charcoal filter and then directly into the 75-gallon storage tank. This tank is complete with an ozone fitting and 3 pump outlet fittings. The pump kit system is plugged directly into the distiller and the pump shuts off when the water level gets close to being empty. All tanks are equipped with a leak free water sight gauge that indicates the water level at all times.

1. Your water distiller is connected to a water supply. The raw water is fed to 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 solenoid valve and then directly into the boiling chamber (2).
2. After the water reaches a certain level over the heating elements (3) the distiller starts the heating cycle bringing the water to boil. The pure steam (4) rises and enters the baffle system then goes directly up to the 1" Stainless Steel tower. This tower raises the steam an additional 24" to ensure that the distilled water purity in any water supply (5).
3. As the pure steam vapour starts the downward flow to the cooling coil, the steam enters the high-capacity stainless cooling system (6). After the steam is cooled it is ready to enter the charcoal filter (7), then goes directly into the storage tank.
4. The storage tank is made from #304 grade Stainless Steel to ensure that your 75-gallon capacity tank keeps the water as pure as it was when the water entered the tank. As the water fills the tank it lifts the low-level pump shut off (8). When lifted, it turns the pump power on and protects it from unnecessary burn out should the tank run out of water. As the water rises in the storage tank so does the level indicator. As the float rises (9) it raises the level indicator on the top of the tank to show you the exact level of water from empty to full at all times (10). When the distiller fills the tank; the upper float level turns the unit off (11). To keep the distillers as full as possible at all times, the unit will start itself after a few gallons of water is removed.
5. The bottom of the storage tank has a deep V bottom to ensure that all water can be removed from the storage tank through any one of three 1/2" Stainless Steel drain or supply nipples (12). When the unit is in operation, it will form impurities in the boiler. This unique boiler design is equipped with a removable 4" drain screen that prevents scale from plugging the large 1/4 ball valve (13) or the electric auto drain system. Other optional features include a built-in pump accessory plug and auto drain accessory plug to make hook up of any option easy.

## FEATURES AND BENEFITS

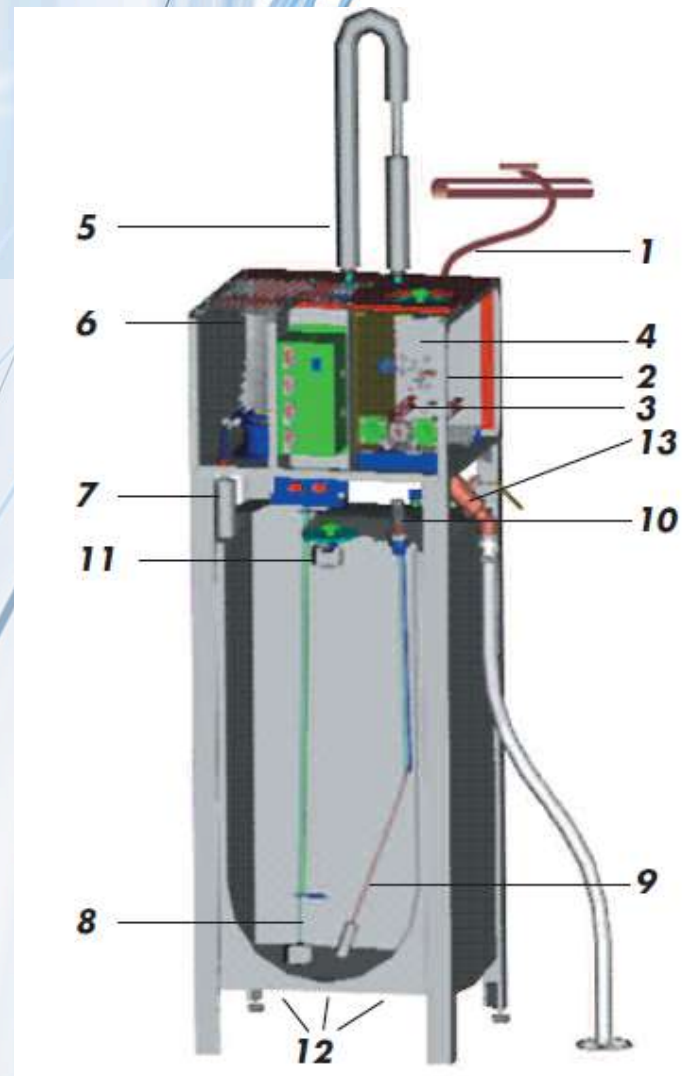
-  **Trouble free float system**
-  **Sealed power switches**
-  **Efficient cooling coil**
-  **Large 5" boiling and storage tank opening**
-  **Plug free drain system**
-  **100% stainless steel construction**
-  **Warranty: 2-year parts**
- 15-year pro rated on stainless steel**

**PRECISION WATER SYSTEMS**  
A DIVISION OF PRECISION DESIGN & MFG. INC.  
9020 -100th STREET  
WESTLOCK, AB T7P 2L4  
PH: 780-349-4933 or TOLL FREE: 1-877-888-7364  
[www.precisionwatersystems.ca](http://www.precisionwatersystems.ca)

PWS 45-75

## Water Distiller

AUTOMATIC CONVENIENCE



## AUTOMATIC COMMERCIAL SIZE CONVENIENCE

### Model PWS 45-75

Distilling Capacity: 45 US gal. (170 L)/24 hrs\*  
Holding Tank Capacity: 75 US gal. (284 L)  
Shipping Weight: 185 lbs. (84 kg)

FOR MORE INFORMATION ABOUT OUR PRODUCT LINE, OPTIONAL FEATURES AND OUR EXCELLENT WARRANTY, CONTACT OUR SALES TEAM NOW.