

SPECIFICATIONS

	<i>Model C-50</i>		<i>Model C60/75</i>	
<i>Power requirements</i>	50 amp, 240 volt, 1 Ph AC 50/60		60 amp, 240 volt, 1 Ph AC 50/60	
<i>Heating elements (standard)</i>	One 3,000 watt, one 3,500 watt		Two 4,000 watt	
<i>Feed Water Quality</i>	Softened water recommended		Softened water recommended	
<i>Feed Water Supply</i>	Minimum 1/2" (1.27 cm) feed		Minimum 1/2" (1.27 cm) feed	
<i>Feed Water Supply Pressure</i>	30 PSI Minimum		30 PSI Minimum	
<i>Product Water Quality</i>	Meets standard of the U.S. Pharmacopoeia		Meets standard of the U.S. Pharmacopoeia	
<i>Venting</i>	Minimum air-flow of 350 CFM		Minimum air-flow of 450 CFM	
<i>Rated Distilled Water Production</i>	50 U.S. gallons (189 litres) per day		60 U.S. gallons (227 litres) per day	
<i>Storage Capacity</i>	50 U.S. gallons (189 litres)		75 U.S. gallons (284 litres)	
<i>Distilled Water Supply</i>	3 gallons per minute through standard pump		3 gallons per minute through standard pump	
Weight:				
<i>Unit Empty</i>	195 lbs. (88.5 kg)		300 lbs. (137 kg)	
<i>Shipping Weight</i>	275 lbs. (125 kg)			
<i>Storage Tank Full</i>	655 lbs. (297 kg)			
Unit Dimensions:				
<i>Height</i>	47.5 inches (121 cm)		63 inches (161 cm)	
<i>Width</i>	25 inches (64 cm)		25 inches (64 cm)	
<i>Depth</i>	31.5 inches (80 cm)		31.5 inches (80 cm)	
Construction Materials:	standard	optional	standard	optional
<i>Boiling Chamber</i>	304 stainless steel	316 stainless steel	304 stainless steel	316 stainless steel
<i>Condensing Coil</i>	304 stainless steel		304 stainless steel	
<i>Storage Tank</i>	304 stainless steel	316 stainless steel	304 stainless steel	316 stainless steel
<i>Cabinet</i>	304 stainless steel		304 stainless steel	

ACCESSORIES & PARTS

A full range of accessories and parts for the Commercial Distillation Systems are available. A partial list includes softeners; activated carbon filters; pumps; dispenser with and without ultra violet; universal hook-up kit; tubing; fittings; and individual parts for the unit.

Warranty . . .
Your dealer will provide you with details of the warranty.

AVAILABLE FROM:

PURE & SECURE LLC.
4120 NW 44th, Lincoln, NE, 68524 USA
Phone: 402/467-9300 Fax: 402/467-9393

C-50™ C-60™

Commercial Steam-Distillation Systems



(C-50 Shown)

High-quality steam-distilled water for commercial and institutional applications



PURE WATER BRAND

"Improving the Quality of Life Through the Quality of Water — Worldwide"

Pure Water steam-distillation systems are in daily use in all fifty states of the U.S.A. and in more than 120 countries around the world. Hundreds of thousands of Pure Water systems have been sold and that number is growing daily.

Dozens of U.S. Embassies and Embassy personnel around the world rely on Pure Water steam-distillation systems to provide high-purity

water. Many multi-national companies, such as Mobil, Chevron, Amoco Exploration, Shell Oil, Westinghouse and Uniroyal, utilize Pure Water brand equipment as do government agencies, hospitals, clinics and health professionals.

STEAM DISTILLATION

Nature's Process of Water Purification

Every day nature is turning salty sea water into fresh rain water through a process of evaporation and precipitation. This is the basis of the steam-distillation process — water is boiled, thus killing the microbiological contaminants. The steam rises leaving behind virtually all of the contaminants in the water. The steam is

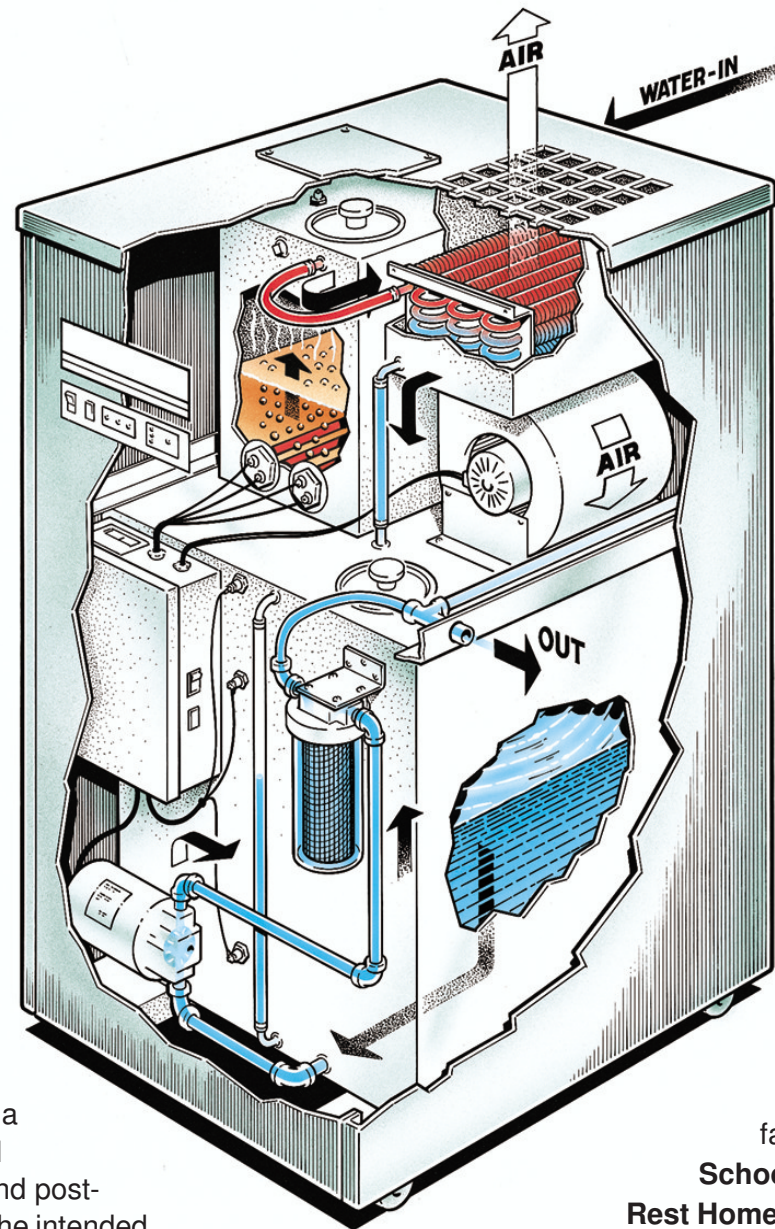
separated and condensed to form high-purity steam-distilled water. Distilled water meets the purity requirements of the U.S. Pharmacopoeia and can be used for drinking, cooking and a host of commercial and institutional uses.

HOW IT WORKS!

Feed water automatically enters the boiling chamber where it is heated with dual heating elements. The steam rises and enters the patented condenser where cool air from the blower fan cools the steam and converts it to distilled water. The distilled water flows into the fifty or seventy-five gallon stainless steel storage tank where it is monitored for purity and water level by the solid-state control system. The distilled water is

pumped through a demand pump and post-filter to the intended point of use.

The unit has an easy access door with a control panel. For security purposes, this door can be locked.



FEATURES AND BENEFITS

Produces high quality distilled water . . .

Distilled water meets the specifications of U.S. Pharmacopeia.

Up to 60 U.S. gallon per day capacity* . . .

Dual, interchangeable heating elements provide consistent production regardless of location.

Consistent purity . . .

Designed with purity alert protection. If water purity deviates, the system automatically shuts down.

Compact . . .

Small enough to fit in limited space application.

Easy to install . . .

Designed with quick-connect fittings for ease of installation.

Inexpensive . . .

Quality and functionality at an affordable price.

Patented . . .

Unique designs covered by the following U.S. and Canadian patents: 4,805,692; 4,906,337;

*Depends on model.

DES.306,338; 4,888,097.

Quality construction . . .

Food-grade 304 stainless steel used throughout. 316 stainless steel available on special order.

Reliable operation . . .

Solid-state controls result in reliable performance.

Low maintenance . . .

Worldwide experience has shown these units to have remarkably low maintenance.

Ease of service and repair . . .

Designed for ease of access.

Optional deionization system . . .

A unit with an integrated DI system built-in. This system will produce 16 megaohm water that meets ASTM Class 1 requirements, as well as USP requirements. This ultra-pure water meets the needs of Pharmaceutical and Medical/Laboratory environments.

APPLICATIONS

In addition to drinking water:

Laboratories — for analytical, utensil washing.

Restaurants — for food preparation, steamers.

Plating Industries — for cleaning surfaces.

Schools — for laboratory uses, food preparation.

Rest Homes — for humidification, food preparation.

Photography Businesses — for photographic processing.

Dental Clinics — for sterilization, oral irrigation, dental equipment.

Coffee Service — drinking water for coffee machines.

Medical Applications — for medical procedures,

photographic processing.

Cosmetic Companies — for preparations, laboratory uses, process water.

Pharmaceutical Industry — for preparations, laboratory uses, process water.

Hospitals — for laboratory uses, food preparation, humidification, medical procedures.

Electronic Industries — for cleaning electronic items, process water.

Housing Complexes—for providing steam-distilled water for drinking water.

Office Buildings—for providing steam-distilled water for the employees and customers.