C-630™

Multi-Stage Commercial Distiller

- ✓ Breakthrough product design – patents pending
- ✓ 600 + gallons per day of fresh, high purity, distilled water
- ✓ User friendly
- ✓ Low maintenance
- ✓ High energy efficiency

PURE WATER®, INC.

1

Easy Installation

Installation is so simple:

- ✓ The Pure Water C-630 is designed to be wheeled through a standard door for ease of movement prior to installation
- ✓ Space saving design allows unit to be pushed flat against wall – only requires access from two sides

2

Easy Operation

The Pure Water C-630 is designed for operation in developed and developing countries and often in remote areas, so ease of operation has held a high place in design requirements

- ✓ Fully automatic operation
- ✓ Automatic start-up and shutdown based on storage tank level
- ✓ Self-monitoring for purity and other key features

Distilled Water - As Nature Intended It To Be

Distillation mimics Nature's hydrologic cycle – the ongoing cycle of evaporation, condensation, and precipitation. It's the process that turns contaminant laden seawater into fresh, pure rainwater.

The Pure Water C-630 utilizes state-of-the-art distillation technology and the latest in design concepts coupled with multiple energy reuse resulting in a truly remarkable system.

Today, more than ever, high purity water is demanded around the world. Distilled water is known for it's high purity and is popular for many uses:

Water Stores
Bottled Water Plants
Car Washing
Pharmaceuticals
Hospitals

Dental Clinics
Parts Cleaning
Drinking Water
Food Preparation
Ice Cubes

Cosmetics
Beverage Industry
Aerospace
Electronics

Photo Processing
Laboratories
Schools
Sports Nutrition

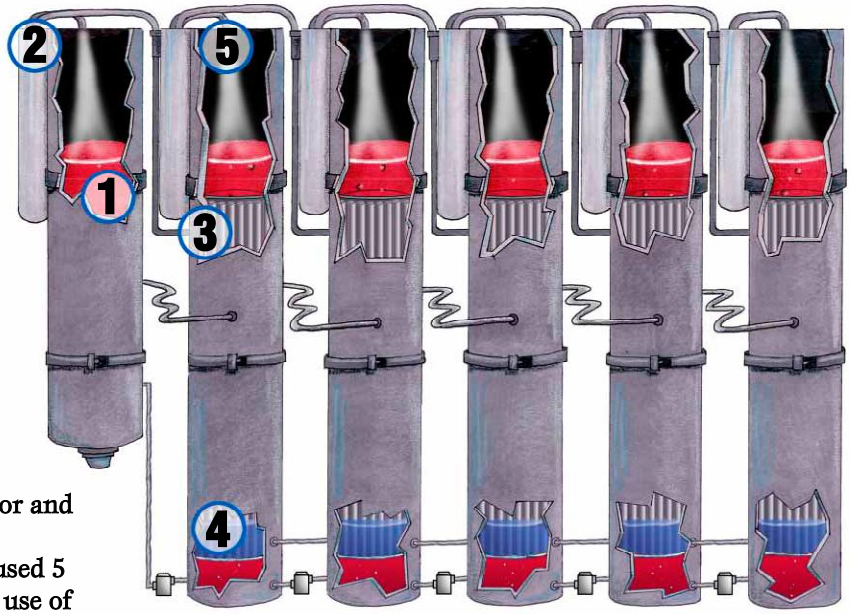
3 Easy Maintenance

The Pure Water C-630 is designed with the equipment operator in mind. A high design priority has been placed on easy replacement of components

- ✓ Very few moving parts – no troublesome compressors
- ✓ Designed for minimal maintenance
- ✓ Easy access to all key components
- ✓ No high speed motors, belts, or compressors that can create serious safety hazards
- ✓ No critical adjustments to worry about

How It Works:

1. Raw water enters the boiling chamber where it is boiled to produce steam.
2. The steam rises through a separator to remove droplets which might contain impurities.
3. Steam enters the heat exchange chamber where it gives up its heat through the walls. This heat is used to boil raw water in the second chamber.
4. The condensed steam collects to the bottom of the heat exchanger as high purity distilled water.
5. The steam from the raw water in the second boiling chamber goes through the next separator and repeats the process.
6. After the initial boiling action, the steam is reused 5 times to boil additional raw water without the use of more energy.



Low Operating & Maintenance Cost

Low operating costs coupled with low maintenance are key components of success. You achieve both with the C-630.

- ✓ Operating costs as low as $0.03 per gallon
- ✓ Maintenance costs lower than other multi-stage and much lower than vapor compression distillers

World Wide Applications

The Pure Water C-630 is designed for rugged hard work anywhere in the world.

- ✓ Pure Water, Inc. has equipment in use in over 130 countries around the world
- ✓ Pure Water has installed commercial equipment in more than 75 countries
- ✓ The Pure Water C-630 has been designed to operate in both developing and developed countries
- ✓ Superior customer support

Specifications

Feed Water Requirements
- 35-85 psi (constant flow)
- 900-2500 gpd (depending on setup)
- Zero grain hardness
- Silica levels < 10 ppm
- Chlorine-free

Construction Material 304 Stainless Steel

Electrical

Voltage	208V	220V	240V
Min. Continuous Amps	83	79	72
Watts Usage	14KWH		

Dimensions

Width	72.5” (184.2 cm)
Height	78.5” (199.4 cm)
Depth	26.5” (67.3 cm)

Production 600-640 gallons per day

Shipping Weight

Crated	1350 lbs. (612.4 kg)
Un-crated	1250 lbs. (568 kg)

Portability
- Casters
- Can be lifted by forklift

Optional Enhancements

- ✓ 500 gallon FDA approved PE storage tank with air filter and fittings
- ✓ Cooling water recovery system
- ✓ Pretreatment
- ✓ Posttreatment (Ozone or UV)
- ✓ Delivery System
- ✓ Water dispensing systems
- ✓ Returnable Bottle bottling system

PURE WATER®, INC.