

Containerized Water Treatment Systems

10ft, 20ft and 40ft Containers

**CWT
SERIES**

Pure Aqua's containerized water treatment systems are self contained, turnkey units that can function on-the-go or as a permanent water treatment plant, able to start producing high-quality water in less than a day after arrival on-site. Pure Aqua's containerized water treatment systems are made to order, meaning that your containerized system will be specifically engineered to meet your water treatment requirements. Each containerized water treatment system is engineered with high-quality components to handle all types of harsh conditions.



5 x 100 GPM containerized activated carbon filtration system in 40ft container

Pure Aqua supplies a full line of standard and fully customizable water treatment systems, all of which are engineered using advanced 3D computer modeling and process design software.

Standard Features

- 20ft or 40ft standard shipping container
- Centralized external connections
- Interconnecting piping and wiring
- Overhead lighting
- 110V/1ph/60Hz power supply
- Pretreatment mounting and plumbing
- Centralized control panels
- Operation and maintenance manual
- Full 3D/2D CAD drawings

For more information, please refer to our MF data sheets



MLF42-A-SS

MLF48-A

MLF63-A-F

Available Options

- 10ft non seaworthy shipping container
- Air conditioning unit
- Differential pressure switch and gauge
- 380-415V/3ph/50Hz power supply
- 220 or 460V/3ph/60Hz power supply
- Diamond plate flooring
- Insulation for temperature control
- Personnel man door



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Digital Stager

The digital stager can use air or water to actuate the control valves. PLC control is optional.



Vacuum Breaker

The vacuum breakers protect the tank and face piping during operation by preventing negative pressure in the tank.



DP Switch

The differential pressure gauge and switch are used to automatically initiate backwash.

Filter Media Types

Pure Aqua supplies a wide range of quality filter media that meet industry standards for efficient and effective filtration.



Gravel

Anthracite

Sand

Calcite

Coconut Carbon

Turbidex

Greensand Plus

Weights and Dimensions

Container Specification	Non Insulated Container			Insulated Container	
	10ft	20ft	40ft	20ft	40ft
External length (in)	120	240	480	240	480
External width (in)	96	96	96	96	96
External height (in)	102	102	114	102	114
Internal length (in)	111	233	474	229	470
Internal width (in)	92	92	92	88	88
Internal height (in)	93	95	104	91	100
Tare weight (lbs)	3,200	4,800	7,300	6,500	9,400
Max shipping weight (lbs)	22,400	40,000	45,000	40,000	45,000
Access	1 double-door				

Operation Specifications

- Max. feed water temperature: 50°C
- Feed water pressure: 30 to 70 psi
- Operating pressure: 35 to 100 psi
- Class 150 ANSI flanges or NPT threaded connection

Pure Aqua also supplies: Custom Engineered Solutions, Multimedia Pretreatment, Activated Carbon Pretreatment, Water Conditioning, Chemical Dosing Systems, Ultraviolet (UV) Sterilizers and Ozonation Systems.



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