

SECTION 11

Drinking Water Systems



WATER QUALITY PRODUCTS Catalog 10

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. Watts reserves the right to change or modify product design, construction, specifications or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

Watts® Drinking Water System With Kwik-Change™ Filter Elements and Hollow Fiber Membranes

The ideal low cost alternative to reverse osmosis technology.

Reduces:

NSF Standard 42

- Chlorine taste and odor (97%)
- Particulate
- Sand
- Silt
- Rust particles

NSF Standard 53

- Lead (95%)
- Chemicals (95%)
- VOC's (95%)
- Herbicides
- Pesticides
- Insecticides
- Cysts



CERTIFIED TO NSF / ANSI Standards 42 & 53

NOTE: System function at only 20 PSI (1.4 bar) and pressure drop is only 3 PSI at 0.5 GPM.

Model WQCFU-T-11KIT

Get superior water quality without wasting water with Watts drinking water systems using Kwik-Change filter elements and hollow fiber membranes. Systems come complete with sediment cartridge, carbon block cartridge, hollow fiber membrane, long reach chrome faucet, tapping valve and tubing. Model WQCFU-T-11KIT is WQA Certified to NSF / ANSI Standards 42 and 53.



NO SUMPS



NO TANK



NO REJECT WATER



NO PRESSURE PROBLEMS



LOW COST

Parts

Part Number	Description	Type	Size	Micron Rating
WQCFU-T-11KIT	Drinking water system	Triple	9" x 2.5" 12"	--
WQCSC11	Sediment cartridge	1st stage	11"	5
WQCCC11	Carbon block cartridge	2nd stage	11"	5
WQCHF11	Hollow fiber membrane cartridge	3rd stage	11"	0.1 - 0.3

Components



Cartridges have double o-rings so they won't leak!



10" Cartridges

Part Number	Description	Case
WQCSC10	10" Kwik-Change™ cartridge, 5 micron, sediment	32
WQCCC10	10" Kwik-Change™ cartridge, carbon block	32
WQCHF10	10" Kwik-Change™ cartridge, hollow fiber	32
WQCABC10	10" Kwik-Change™ antibacterial carbon cartridge	32

11" Cartridges

Part Number	Description	Case
WQCSC11	11" Kwik-Change™ cartridge, 5 micron, sediment	25
WQCCC11	11" Kwik-Change™ cartridge, carbon block	25
WQCHF11	11" Kwik-Change™ cartridge, hollow fiber	25
WQCABC11	11" Kwik-Change™ antibacterial carbon cartridge	25

13" Cartridges

Part Number	Description	Case
WQCSC13	13" Kwik-Change™ cartridge, 5 micron, sediment	25
WQCCC13	13" Kwik-Change™ cartridge, carbon block	25
WQCHF13	13" Kwik-Change™ cartridge, hollow fiber	25
WQCABC13	13" Kwik-Change™ antibacterial carbon cartridge	25

Brackets For Filter Units

Part Number	Description	Case
WQCFUB-S	Bracket for filter unit, single	100
WQCFUB-D	Bracket for filter unit, dual	50
WQCFUB-T	Bracket for filter unit, triple	50

Heads For Filter Units

Part Number	Description	Case
WQCH14-2	Head connector (2 port, 1/4" for pre and post filters)	100
WQCH14-3	Head connector (3 port, 1/4" for membrane)	100

Note: Head components and complete systems are not equipped with the "automatic shut off" feature.

Watts® Drinking Water Units With Kwik-Change™ Filter Elements



Watts now offers a complete line of filtration systems and components with Kwik-Change cartridges, including cartridges for taste, odors and chlorine reduction; sediment; hollow fiber membrane for ultra filtration; and cartridges with antibacterial activated carbon.

The low cost alternative to RO!

Kits with Kwik-Change™ Cartridges



Kits include long reach chrome faucet, saddle valve and tubing.

Part No.	Description	Case
WQCFU-AC-KIT	10" single sys. w/bracket, activated carbon	1
WQCFU-D-KIT	10" dual sys. w/bracket, sediment & carbon	1
WQCFU-T-KIT	10" triple sys. w/bracket, carbon, sediment, UF	1

Features & Benefits

- Kwik-Change cartridges are removed with a single turn. It's so easy!
- No filter sumps, no mess, no fuss!
- Cartridges have double o-rings to prevent leakage.
- Choice of cartridge types and sizes for residential, commercial and food service use.



13" 11" 10"



Four types.

Kwik-Change™ Filter Units



Filter units only; no faucet, saddle valve or tubing allows dealers more flexibility to choose from a wide range of faucets.

Part No.	Description	Case
WQCFU-AC	10" single cartridge, bracket & activated carbon block	1
WQCFU-S	10" single cartridge, bracket & sediment	1
WQCFU-D	10" dual sys., bracket, sediment & carbon block	1
WQCFU-T	10" triple, bracket, carbon, sediment, hollow fiber membrane	1

Kwik-Change Drinking Water Systems Compared To RO

- Low cost alternative to RO.
- No reject water (100% of the water is used).
- No pressure problems! Units work as low as 15 psi / 1 bar pressure.
- Installation is quick and easy.
- Leaves essential nutrients in water.
- Offered with three flexible purchase options.

Specifications

Type	Micron	Capacity (Gallons)		
		10"	11"	13"
SEDIMENT (melt blown PP)	5	900	1,000	1,100
CARBON	5	1,500	2,000	2,500
GRANULAR ACTIVATED CARBON	0.1 - 0.3	1,500	2,000	2,500
HOLLOW FIBER MEMBRANE (UF)	0.1 - 0.3	1,500	2,000	2,500

Cartridges are color coded for easy identification.

Under Counter Drinking Water Units

Fully assembled systems in "no name" generic packaging.



Model ADWU-S (single)



Model ADWU-D-UV
(Dual model with UV lamp and cartridges)



Model ADWU-DM (dual with meter)



Model ADWU-TM (triple with meter)

- Fully assembled for easy installation
- Packaged in white, "no name" retail cartons
- Installation instructions included
- Long reach faucets meet lead-free requirements
- Models with automatic shut off meter included for cartridge replacement
- Stainless steel mounting screws included
- Comes with genuine John Guest® quick connect fittings

Model Number	Type	Meter for Auto Shut-Off	Number Per Carton
ADWU-S	Single	No	1
ADWU-D	Dual	No	1
ADWU-DM	Dual	Yes	1
ADWU-D-UV	Dual with UV	No	1
ADWU-T	Triple	No	1
ADWU-TM	Triple	Yes	1

Note: ADWU-D-UV model includes UV lamp, ballast, sediment cartridge and carbon block cartridge. For other models, cartridges are not included. The recommended maximum flow rate for ADWU-D-UV system is 1 GPM.

Counter Top Filters

Conventional and models with built-in alarm for cartridge replacement indicator.



Hydro-Safe® model with built-in alarm

Conventional models

- Fully assembled
- Easy installation
- Long reach spouts
- Adapters and fittings included
- Packaged in white retail cartons
- Ideal for private label marketing
- Model with audible alarm for cartridge replacement indicator

Hydro-Safe® Model With Audible Alarm To Indicate When To Replace The Cartridge

Model Number	Description	No. Per Case
HSCT-MW	Assembled system packaged in attractive retail carton with audible alarm.	6

Conventional Models, Packaged In White Retail Cartons

Model Number	Type	Housing	Spout	Inlet Fitting	Elbow	Diverter	No. Per Case
ACT-C	Chrome	SS-4000	LRS-C-OR	C-22N	C-21-1	SDV-14S	12
ACT-P	White	SS-4000	LRS-P	CI010822W	CI481222W	DV-800WM	12

Microbiological Drinking Water Purifier



The patented, microbiological filter provides a physical barrier to prevent bacteria, virus and cysts from flowing through the filter in the presence of microbiological contamination. In addition, proprietary ingredients are added to the carbon block to increase removal efficiencies and provide additional protection from harmful water contaminants.

The Watts® Microbiological Drinking Water Purifier offers dual-stage filtration to provide safe, great tasting drinking water for you and your family. The system is an excellent alternative to reverse osmosis technology because it's easy to install, easy to service and very affordable.

Features & Benefits

- Multi-stage treatment for safe drinking water:
 - #1 Five micron pre-filter to reduce sediment, dirt, rust particles, silt and suspended matter.
 - #2 Enhanced carbon block to reduce chlorine, taste and odors with patented, bacteriostatic fail-safe chemistry, to reduce bacteria, virus and cysts, without the use of membrane technology.
- Reduces chlorine, tastes and odors.
- NSF certified and independent lab tested.
- Model WP2-BVC includes the complete system for under counter installation, including designer, top mount faucet for safe drinking water.



System tested and certified by NSF International against NSF/ANSI Standard 42. Please refer to PDS for specific performance claims.



System has been tested by BioVir as a Microbiological Water Purifier based on the recommendations set forth in the USEPA Guide Standard and Protocol for Microbiological Water Purifiers (OPP Task Force Report 1987).

Operating Temperature	Operating Pressure
Max. 100°F (38°C)	Max. 100 PSI (bar))
Max. 100°F (38°C)	Max. 20 PSI (1.4 bar)

Certified for:

- Bacteria
- Virus (enteric)
- Cysts
- Cryptosporidium
- Entamoeba
- Giardia
- Toxoplasma

% Reduction

99.9999%
99.99%
99.95%
99.95%
99.95%
99.95%
99.95%

Removes:

- Salmonella
- E-Coli
- Cholera
- Hepatitis A
- Norwalk
- Toxoplasma
- Virus (enteric)
- Legionella
- Giardia
- Cryptosporium
- Entamoeba
- And more!

Replacement Cartridges

Model Number	Flow rate	Stages	Pre-filter	Purifier Cartridge	Housing O-Ring
WP2-BVC	0.75 GPM	2	FPMB5-978	F101003	OR-4

System has been independently tested for the disinfection of microbiologically contaminated water. The system is not intended for the treatment of water that has an obvious contamination source, such as raw sewage. This system is not intended to convert wastewater to microbiologically safe drinking water.

Limited Warranty

This Drinking Water Filter Unit is warranted against defects in material and workmanship for a period of one year from the date of installation, not to exceed 2 years from the date of manufacture. Expendable items such as filter cartridges and membranes are not covered by this warranty.

How to obtain Warranty Service: Contact the dealer that you purchased the system from. Watts will work in conjunction with our dealer to repair or replace at our discretion any unit that is determined to be defective. No returns will be accepted without the proper return authorization number.

What this warranty does not cover: This warranty does not cover defects resulting from improper installation, from abuse, misuse, misapplication, improper maintenance, neglect, alteration, accidents, casualties, fire, flood, freezing, environmental factors, water pressure spikes or other such acts of God.

Return shipping charges are not included in this warranty and are the responsibility of the end user.

This warranty will be void if defects occur due to failure to observe the following conditions:

1. The Drinking Water Filter Unit must be hooked up to a potable municipal or well cold water supply.
2. The hardness of the water should not exceed 10 grains per gallon, or 170 ppm.
3. Maximum incoming iron must be less than 0.2 ppm.
4. The pH of the water must not be lower than 2 or higher than 11
5. The incoming water pressure must be between 40 and 100 pounds per square inch.
6. Incoming water to the RO cannot exceed 105 degrees F (40 degrees C.)
7. Incoming TDS/Total Dissolved Solids not to exceed 1800 ppm.
8. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

This warranty does not cover any equipment that is relocated from the site of its original installation.

This warranty does not cover any equipment that is installed or used outside the United States of America and Canada.

LIMITATIONS AND EXCLUSIONS:

WATTS WILL NOT BE RESPONSIBLE FOR ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. WATTS WILL NOT BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING WATER DAMAGE, TRAVEL EXPENSE, TELEPHONE CHARGES, LOSS OF REVENUE, LOSS OF TIME, INCONVENIENCE, LOSS OF USE OF THE EQUIPMENT, AND DAMAGE CAUSED BY THIS EQUIPMENT AND ITS FAILURE TO FUNCTION PROPERLY. THIS WARRANTY SETS FORTH ALL OF WATTS RESPONSIBILITIES REGARDING THIS EQUIPMENT.

OTHER CONDITIONS:

If Watts chooses to replace the equipment, it may be replaced with reconditioned equipment. Parts used in repairing or replacing the equipment will be warranted for 90 days from the date the equipment is returned to you or for the remainder of the original warranty period, whichever is longer. This warranty is not assignable or transferable.