

SECTION 9

Watts®

“QT-Plus” RO 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® QT-Plus Systems

With Quick-Twist Cartridges
And Membrane

Features & Benefits

- Proprietary multi-port head with built-in shut-off valve
- Proprietary "Quick-Twist" 1/4 turn cartridges
- Advanced MCD (Multifunction Control Device) eliminates standard ASOV
- High flow 3/8" ports
- Proprietary Adapt-A-Valve for easy installation
- Two tank choices, metal or plastic
- Proprietary clog-free brine flow control
- Quick and easy to add options
- Assembled in USA



Double o-rings prevent leaks.



Flow shuts off automatically when cartridges are removed.

Watts "QT-Plus" reverse osmosis systems are highly effective because they provide four-step water treatment:

- | | | | |
|--|--|---|---|
| <p>Step #1
PRE-FILTER
Water is filtered with a five micron depth filter to remove particulates, sand, silt, rust particles and other solid matter.</p> | <p>Step #2
PRE-CARBON FILTER
Water is filtered with an activated carbon block cartridge to protect the RO membrane by removing Chlorine.</p> | <p>Step #3
RO MEMBRANE
Metals, salts & dissolved solids are rejected by the RO membrane during this step, so only high quality water is sent to the storage tank.</p> | <p>Step #4
POST-CARBON FILTER
Water from the storage tank is treated with a polishing carbon filter to remove unpleasant tastes and foul odors.</p> |
|--|--|---|---|

Watts QT-Plus Systems offer high quality drinking water, easy maintenance and a variety of models allowing you a "build to suit" option!

MCD (Multifunction Control Device)

- Auto Shut-off
- Built-in check valve
- Adjustable for higher tank capacity with permeate pump
- Optional clip-on switch to control pump, lights, etc.
- Quick-Connect design to eliminate additional fittings.

MCD with Electronic Pump Controller

WQTBRK Booster Pump Kit
For low pressure applications.

ZWKIT-WATTS ZeroWaste® Kit
Turn the QT-Plus into a 100% efficient system with no water waste!

WQTPPRK Permeate Pump Kit
For better efficiencies and higher rejection rates.

Feed Water Guidelines

FACTORS	REQUIREMENTS
Maximum Total Dissolved Solids (TDS)	1,800 PPM
Iron, Maximum	0.2 PPM
Hardness (less than)	10 GPG
Hydrogen Sulfide	0.0 PPM
Manganese (less than)	0.05 PPM
Turbidity (less than)	1 NTU
pH	3-11
Minimum pressure	40 PSI (2.8 bar)
Maximum pressure	100 PSI (7 bar)

Caution: Do not use where water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the unit. System must be maintained according to manufacturer's instructions. Note: Booster pump required if inlet pressure is 40-60 psi.

Models

MODEL NUMBER	STAGE	MEMBRANE	TANK (4 GAL.)	FAUCET	TUBING SIZE (TO FAUCET)
WQT4RO11-50PT	4	50 GPD	RO PRO®	None	3/8"
WQT4RO11-50MT	4	50 GPD	Metal	None	3/8"

Accessories

MODEL NUMBER	DESCRIPTION
WQTBPRK110	Booster Pump Kit, 110 V
WQTBPRK220	Booster Pump Kit, 220 V
ZWKIT-WATTS	ZeroWaste® Booster Pump Retro Kit, 110 V
ZWKIT-WATTS-220	ZeroWaste® Booster Pump Retro Kit, 220 V
WQTPPRK	Permeate Pump Kit

Proprietary Replacement Elements

MODEL NUMBER	DESCRIPTION	MICRON	RECOMMENDED REPLACEMENT
WQTSC-10	Sediment cartridge	5	Six months
WQTCBC-10	Carbon block cartridge	5	Six months
WQTCM50-10	50 GPD TFC membrane	Membrane	Two years
WQTCGAC-10	GAC cartridge	10	One year

Two Storage Tank Options



RO PRO® Tank
Space saving
9 x 20" design!



Metal Tank
11" x 14"

Top Mount Faucets

Faucets sold separately allowing consumer to select the faucet of their choice!



A full assortment of Watts Designer Top Mount Faucets are available in chrome, brushed nickel, bronze, white and black. They may be used in air gap or non air gap installations.



Faucets with filter change monitors are available to provide quality assurance.