

GE SMARTWATER™ FILTRATION & SOFTENING SYSTEMS

QUALITY WATER FOR A HEALTHY LIFESTYLE!



FEATURING THE GE PROFILE PERFORMANCE SERIES™



We bring good things to life.



*GE Appliances is the
1st
Appliance Manufacturer
in America to Offer
a Whole Home
Water System.*

GE SmartWater.™ Quality Water for a Healthy Lifestyle!

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IMPROVE THE MOST IMPORTANT ELEMENT IN YOUR HOME



—WATER!



INTRODUCING GE'S SMARTWATER™ IMPROVEMENT SYSTEMS

If you're among the 75% of Americans concerned about the quality of their water,* here's some refreshing news. GE now offers a selection of water filtration and water softening systems. The advantages of a GE SmartWater™ Filtration System is healthy drinking water. It's ideal for drinking and cooking, and you will eliminate expensive bottled water costs. GE also recommends you install a GE SmartWater Softening System at the point the water enters your home. The softener alone offers tremendous benefits: sinks, tubs and showers are easier to clean; laundered clothes are cleaner, softer and brighter; dishes will have fewer spots; and after a shower or bath, soft water will feel noticeably smoother to your skin. To top it off, GE SmartWater Softening Systems increase the efficiency of your water heater, saving you money!

*Source: Water Quality Association

HOW DOES A GE SMARTWATER™ SYSTEM* BENEFIT YOUR HOME?



Basement / Garage

- Water heater efficiency on systems using softened water may be increased up to 22% if heating with electricity, up to 29% if heating with gas.**
- Helps reduce scale build-up in pipes, which can reduce water flow

Represents GE SmartWater™ Filtration Benefits

Laundry Room

- Towels are 45% whiter while using 1/3 less detergent
- Clothes are softer, cleaner and brighter
- Increases clothing life
- Reduces detergent use
- Eliminates hard water-related washer service issues

Represents GE SmartWater™ Softening Benefits

*For the full benefits of a Whole Home System, install a GE SmartWater™ filtration system not only in the kitchen, but wherever you drink water—including a wet bar or bathroom.

**Based on a study conducted by New Mexico State University.



Kitchen

- Healthy and better tasting water for drinking, cooking and making beverages
- Lower ownership cost of filter system vs. bottled water
- Cleaner dishes, glassware and china by reduced spotting
- Reduces detergent use
- Eliminates hard water-related dishwasher service issues

Bathroom

- Easier to clean showers, tubs and sinks due to reduction of hard water scaling (less soap residue)
- Softer and smoother skin

GE SMARTWATER™ FILTRATION BENEFITS—HEALTHY WATER



75% of all Americans are concerned about the quality of their water.^{††} Homeowners are looking for water solutions from a name they can trust—GE.



Healthy Water—
Provides added assurance of healthy drinking water.



Better Tasting Water—
Healthy water for drinking and making beverages such as coffee, tea and juice.



Great For Cooking—
Cooking with filtered water provides great tasting foods.



NSF Certified—
GE is certified by NSF the most highly recognized independent testing institution for water treatment products.

^{††}Source: Water Quality Association

GE SMARTWATER™ SOFTENING BENEFITS



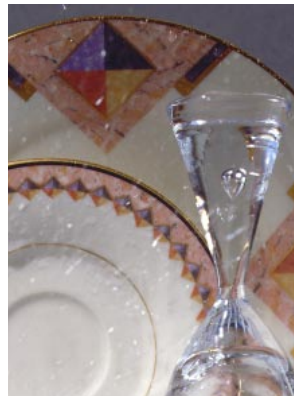
85% of the U.S. has hard water.[†] A GE SmartWater™ Softening System provides quality water throughout your home.



Easier To Clean—
Reduces hard water build-up (less soap residue) in tub, shower and sink.



Whiter Towels—
Clothes are softer, cleaner, brighter and last longer. Towels are 45% whiter while using 1/3 less detergent. Eliminates hard water-related washer service issues.



Reduces Spotting—
Provides cleaner dishes, glassware and china by reduced spotting. Reduces detergent use and eliminates hard water-related dishwasher service issues.



Smoother Skin—
Soft water will feel noticeably smoother to your skin.

[†]Source: Water Quality Association

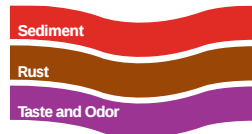
WHAT TYPE OF FILTRATION IS RIGHT FOR YOUR FAMILY?

GE SMARTWATER™ FILTRATION SYSTEMS

Dual Carbon Filtration*

Removes unpleasant tastes and odors, such as chlorine from your drinking water.

REDUCES:

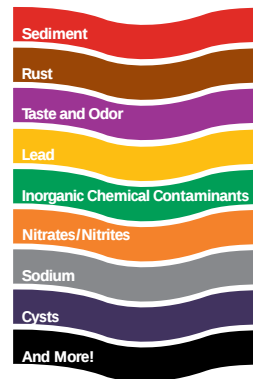


*Dual Carbon Filtration will remove lead and cysts on certain models.

Reverse Osmosis Process

This is GE's best filtration process. It combines dual carbon filtration with reverse osmosis technology.

REDUCES:



Plus Reverse Osmosis Technology Reduces:

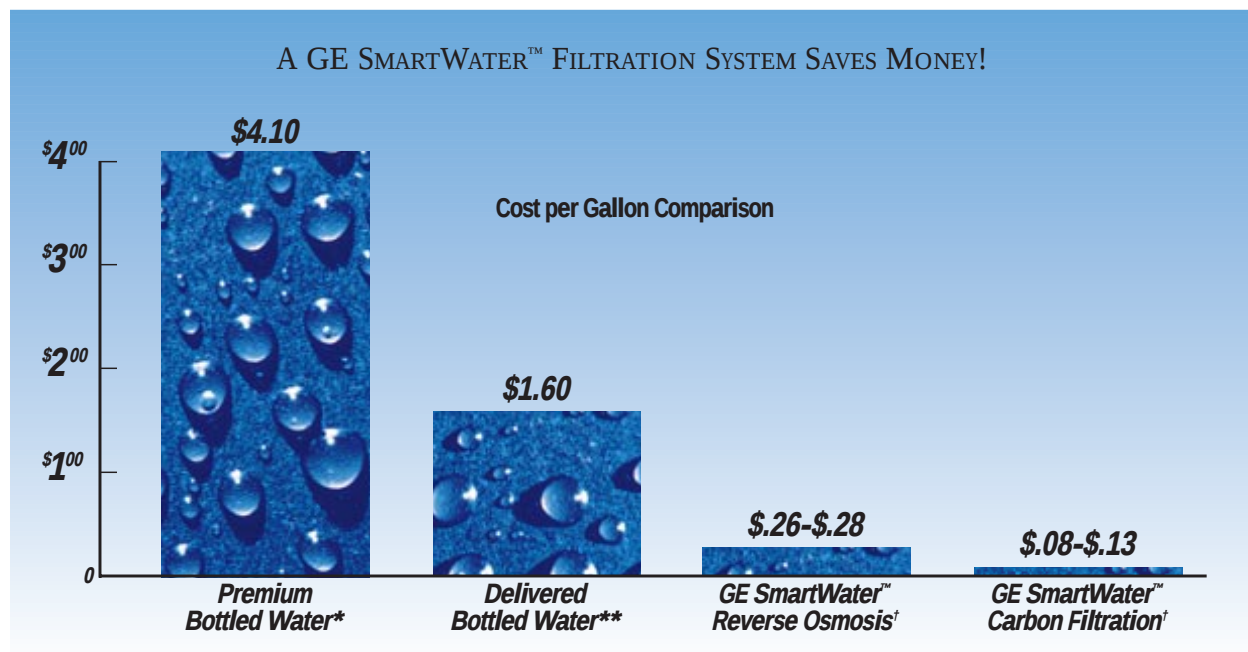
Ammonia	Copper	Sodium
Barium	Fluoride	Sulfate
Bicarbonate	Magnesium	Tannin
Bromide	Mercury	Zinc
Cadmium	Nickel	Chloride
Chlorine (residual)	Nitrate	TDS
Chromium	Sediment	Nitrite
	Selenium	

Models PNRV18Z, PNRV12Z and GXRV10ABL reduce the above undesirable elements:*

*Product water produced and percent rejection will vary with changes in pressure, temperature and TDS. Feed water over 10 grains of hardness may effect performance of RO membrane.

GE SMARTWATER™ FILTRATION SYSTEMS VS. BOTTLED WATER—A COST COMPARISON

A GE SMARTWATER™ FILTRATION SYSTEM SAVES MONEY!



Saves you money!

Eliminates the expense and inconvenience of purchasing bottled water at a store or scheduling home delivery of bottled water.

*National average price of "Premium" bottled water.

**Average cost per gallon for delivered bottled water.

†GE SmartWater™ estimate is calculated by dividing the number of gallons by consumer cost of product, installation and replacement filters.

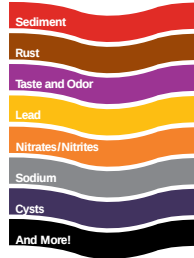
MONITORED REVERSE OSMOSIS FILTRATION: GE PROFILE PERFORMANCE™ SYSTEM

THESE MODELS INCLUDE

All-in-One System Space-saving design installs in less space than conventional models.

Reverse Osmosis (RO) Process

GE's best filtration process, which combines dual carbon filtration with reverse osmosis technology, reducing up to 99%* of the following undesirable elements: Taste and odor, Sediment, Lead, Inorganic chemical contaminants, Nitrates/Nitrites, Sodium and Cysts (such as cryptosporidium/giardia). See page 10 for a complete list of undesirable elements reduced.



Super Capacity provides up to 18 gallons** of high-quality filtered water per day.

SmartWater™ Faucet with Electronic Monitor

Conveniently indicates the performance of the unit and when to replace filters and membrane. Separate faucet is used only when filtered water is needed, extending filter life.

Note: Batteries are included.

Amber "Filter" Light:

The pre-filter and post-filter cartridges need replacement. This occurs after 6 months, or 900 gallons of product water use, whichever occurs first.



Green "OK" Light:

The RO system is providing high-quality drinking water.

Amber "RO" Light:

The RO membrane needs replacement.

Designer-Style Faucet Allows you to customize the faucet color to complement the kitchen (see right for model/color selections).

Installation Flexibility Can be installed vertically or horizontally undercounter, in basement or other convenient location.

Optional Accessories See inside back cover.

NSF Approved NSF is the most highly recognized independent testing institution in the water treatment industry. NSF inspects, tests and certifies our product performance. See page 20 for details.



GE Profile Performance Series™ PNRV18ZWW

Reverse Osmosis Filtration System with White on white Faucet and Monitor



GE Profile Performance Series™ PNRV18ZBB

Reverse Osmosis Filtration System with Black on black Faucet and Monitor



GE Profile Performance Series™ PNRV18ZWH

Reverse Osmosis Filtration System with Chrome on white Faucet and Monitor



GE Profile Performance Series™ PNRV18ZBL

Reverse Osmosis Filtration System with Chrome on black Faucet and Monitor

*Elements removed are not necessarily present in your water. See product specification sheet, packed with product, for specific elements reduced by model, or call the GE Answer Center® toll-free, 800.626.2000.

**As tested and validated by the Water Quality Association using Standard S-300.

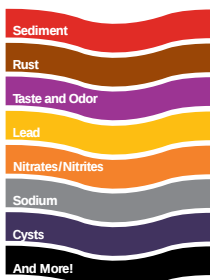
Note: Depends on water pressure, temperature and total dissolved solids.

MONITORED REVERSE OSMOSIS FILTRATION: GE PROFILE™ SYSTEM

THIS MODEL INCLUDES

Reverse Osmosis (RO) Process

GE's best filtration process, which combines dual carbon filtration with reverse osmosis technology, reducing up to 99%* of the following undesirable elements: Taste and odor, Sediment, Lead, Inorganic chemical contaminants, Nitrates/Nitrites, Sodium and Cysts (such as cryptosporidium/ giardia). See page 43 for a complete list of undesirable elements reduced.



Extra-Large Capacity provides up to 12 gallons** of high-quality filtered water per day.

SmartWater™ Faucet with Electronic Monitor

Conveniently indicates the performance of the unit and when to replace filters and membrane. Separate faucet is used only when filtered water is needed, extending filter life.

Note: Batteries are included.



Amber "Filter" Light: The pre-filter and post-filter cartridges need replacement. This occurs after 6 months, or 900 gallons of product water use, whichever occurs first.

Green "OK" Light: The RO system is providing high-quality drinking water.

Amber "RO" Light: The RO membrane needs replacement.

Simple Installation Can be installed easily undercounter, in basement or other convenient location.

Optional Accessories See inside back cover.

NSF Approved NSF is the most highly recognized independent testing institution in the water treatment industry. NSF inspects, tests and certifies our product performance. See page 20 for details.



GE Profile™ PNRV12ZBL

Reverse Osmosis Filtration System (includes tank) with Chrome on black Faucet and Monitor

*Elements removed are not necessarily present in your water. See product specification sheet, packed with product, for specific elements reduced by model, or call the GE Answer Center® toll-free, 800.626.2000.

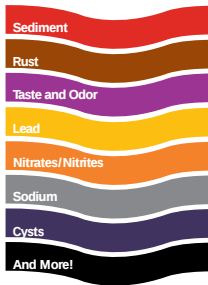
**As tested and validated by the Water Quality Association using Standard S-300. Note: Depends on water pressure, temperature and total dissolved solids.

REVERSE OSMOSIS FILTRATION: GE SYSTEM

THIS MODEL INCLUDES

Reverse Osmosis (RO) Process

GE's best filtration process, which combines dual carbon filtration with reverse osmosis technology, reducing up to 99%* of the following undesirable elements: Taste and odor, Sediment, Lead, Inorganic chemical contaminants, Nitrates/Nitrites, Sodium and Cysts (such as cryptosporidium/ giardia). See below for a complete list of undesirable elements reduced.



Large Capacity provides up to 10 gallons** of high-quality filtered water per day.

SmartWater™ Faucet Separate short-reach faucet is used only when filtered water is needed, extending filter life.

Simple Installation Can be installed easily undercounter, in basement or other convenient location.

Optional Accessories See inside back cover.

NSF Approved NSF is the most highly recognized independent testing institution in the water treatment industry. NSF inspects, tests and certifies our product performance. See page 20 for details.



GE

GXRV10ABL

Reverse Osmosis Filtration System (includes tank) with
Chrome on black Faucet

*Elements removed are not necessarily present in your water.

See product specification sheet, packed with product, for specific elements reduced by model, or call the GE Answer Center® toll-free, 800.626.2000.

**As tested and validated by the Water Quality Association using Standard S-300.

Note: Depends on water pressure, temperature and total dissolved solids.

DUAL CARBON FILTRATION SYSTEMS: GE SYSTEMS

Introducing the new CarbonBlock System. Engineered to provide superior technology and cleaner performance.

THESE MODELS
INCLUDE

SmartWater™ Faucet with Electronic Monitor
Indicator light on the faucet base shows when filters need replacement.



Amber "Filter" Light:
Indicates when to replace filters for the highest quality water.

Note: Batteries are included.
Filter Cartridges should be changed every six months, when monitor indicates replacement, or if faucet water pressure drops.

Filter Options Model specific filters are included with filtration system selected (see options shown); or model is available without filters (Model GXEM01B).

NSF Approved
NSF is the most highly recognized independent testing institution in the water treatment industry. NSF inspects, tests and certifies our product performance. See page 21 for details.



CarbonBlock System

Superior Carbon Block Technology—Cleaner Performance

COMPARISON OF DUAL CARBON SYSTEMS

GE			
	GNUT03B GXUT03B (Non Monitored Faucet)	GNUT05B (Monitored Faucet)	GNUL30B (Monitored Faucet)
Elements Reduced:			
Sediment	•	•	•
Rust	•	•	•
Taste and Odor	•	•	•
Lead			•
Cysts			•



Simple Installation Can be easily installed undercounter, in basement or another convenient location.



SmartWater™ Faucet Separate faucet is used only when filtered water is needed, extending filter life.



GE

GNUL30B (filters included)

Lead/Cysts Reduction Model

- System rated for 1250 gallons of water
- Long-reach faucet with electronic monitor

CarbonBlock System

Filter I

- Reduces unpleasant tastes and odors, dirt, rust and sediments

Filter II

- **Absolute 1 micron**
- Reduces 95.7% lead
- Reduces 99.98% filterable cysts (such as cryptosporidium and giardia)
- Reduces 99.5% chlorine



GE
GNUT05B (filters included)
Taste and Odor Reduction Model
 • System rated for 6000 gallons of water
 • Long-reach faucet with electronic monitor

CarbonBlock System

Filter I

- Reduces dirt, rust and sediments

Filter II

- Reduces unpleasant tastes and odors
- Reduces 99.5% chlorine



GE
GNUT03B/GXUT03B (filters included)
Taste and Odor Reduction Model
 • Short-reach faucet without electronic monitor

CarbonBlock System

Filter I

- Reduces unpleasant tastes and odors, dirt, rust and sediments

Filter II

- Reduces unpleasant tastes and odors
- Reduces 99.5% chlorine

REFRIGERATOR / ICEMAKER WATER FILTER

Provides healthy great tasting water and ice through your refrigerator dispenser.



GE
GXEM01B (filters sold separately)
 • Model is customized based on water quality needs
 • Filters must be purchased separately
 • Long-reach faucet with electronic monitor



GE
GXITQ
Taste and Odor Reduction Model
 • System rated for 750 gallons of water • Quick connect fittings allow for easy installation • Filter reduces dirt, rust, sediments and chlorine • Auto shut-off valve

GXIT (not shown)
Taste and Odor Reduction Model
 • System rated for 750 gallons of water
 • Filter reduces dirt, rust, sediments and chlorine

GXILQ (not shown)
Lead/Cysts Reduction Model
 • System rated for 1000 gallons of water • CarbonBlock Filter for cleaner performance • Quick connect fittings allow for easy installation • Filter reduces dirt, rust, sediments, chlorine, lead and cysts • Auto shut-off valve

CarbonBlock System

GE SMARTWATER™ SOFTENING SYSTEMS—QUALITY WATER THROUGHOUT THE HOME.

Sizing a Softener is as Easy as 1, 2, 3!



For Families
of 4 or More!

**GE Profile Performance™
PNSF39Z**



For Families
of 2 to 4!

**GE Profile™
PNSF31Z**



For Families
of 2 or Less!

**GE
GNSF23Z**



Perfect for Condos*
and Mobile Homes!

**GE
GNSF18Z**



Installation Kit Included

For installing convenience, a complete installation kit with bypass valve, drain tubing and use & care video is included with product.

Turn a Smart Purchase Into a Smart Investment!

Combine a SmartWater™ Softener and
Heater and Save!

- Reduces
Energy
Costs*
- Improves
Water Heater
Efficiency**



*Assuming a typical energy bill over the life of a new electric water heater.
**Based on a study done by New Mexico State University.

WATER SOFTENING SYSTEM: GE PROFILE PERFORMANCE™ SYSTEM

THIS MODEL INCLUDES

■ Super Capacity Means Less Maintenance

A 38,500 grain capacity helps assure an ample supply of soft water and provides for lifestyle changes.

■ 300 lb. Salt Storage

Reduces the need for frequent salt replacement.

■ High-Efficiency

Super capacity combined with the salt-efficiency of the unit provides cost savings and convenience. Reduces the need for frequent salt replacement.

■ Demand-Initiated Regeneration

Softening system monitors water usage to determine proper amount of salt needed using demand-initiated regeneration (system will use only as much salt as needed).

■ Easy Reading Backlit LCD Display

Eliminates the need for a flashlight to see display in difficult or dark locations.

■ Program and Time Memory

Permanent memory maintains hardness and regeneration time settings even if power is off or unit is unplugged for extended periods. Maintains time for up to 72 hours in case of power failure. No batteries needed, unit recharges itself when power is restored.

■ 24-Volt Electronic System

Simplifies installation and maintenance.

■ Installation Kit Included

For installing convenience, a complete installation kit with bypass valve, drain tubing and use & care video is included with product.



**GE Profile Performance Series™
PNSF39Z**



■ Easy-to-Set Electronic Controls

No calculations or complicated programming. Simply turn it on, set time of day and set the hardness level of your water supply.

■ Regenerates Only When Needed

Memory maintains water usage pattern reducing salt usage and assuring an ample supply of soft water.

■ Systems Monitor

Advanced electronic water management features:

- **Capacity Remaining**—The data button will indicate how much capacity is remaining and whether or not to command an extra regeneration.
- **Gallons Used**—Indicates how many gallons of water have been used per day.
- **Average Gallons Used**—Indicates the average gallons used over the past seven days.
- **Flow Rate**—Shows how much water is flowing through the softener.

WATER SOFTENING SYSTEM: GE PROFILE™ SYSTEM

THIS MODEL INCLUDES

■ Extra-Large Capacity Means Less Maintenance

A 30,800 grain capacity helps assure an ample supply of soft water and provides for lifestyle changes.

■ 300 lb. Salt Storage

Reduces the need for frequent salt replacement.

■ High-Efficiency

Extra-large capacity combined with the salt-efficiency of the unit provides cost savings and convenience. Reduces the need for frequent salt replacement.

■ Demand-Initiated Regeneration

Softening system monitors water usage to determine proper amount of salt needed using demand-initiated regeneration (system will use only as much salt as needed).

■ Program and Time Memory

Permanent memory maintains hardness and regeneration time settings even if power is off or unit is unplugged for extended periods. Maintains time for up to 6 hours in case of power failure. No batteries needed, unit recharges itself when power is restored.

■ 24-Volt Electronic System

Simplifies installation and maintenance.

■ Installation Kit Included

For installing convenience, a complete installation kit with bypass valve, drain tubing and use & care video is included with product.



**GE Profile™
PNSF31Z**



■ Easy-to-Set Electronic Controls

No calculations or complicated programming. Simply turn it on, set time of day and set the hardness level of your water supply.

■ Regenerates Only When Needed

Memory maintains water usage pattern reducing salt usage and assuring an ample supply of soft water.

WATER SOFTENING SYSTEMS: GE SYSTEMS

THIS MODEL INCLUDES

Large Capacity Means Less Maintenance

A 23,100 grain capacity helps assure an ample supply of soft water and provides for lifestyle changes.

200 lb. Salt Storage

Reduces the need for frequent salt replacement.

High-Efficiency

Large capacity combined with the salt-efficiency of the unit provides cost savings and convenience. Reduces the need for frequent salt replacement.

Demand-Initiated Regeneration

Softening system monitors water usage to determine proper amount of salt needed using demand-initiated regeneration (system will use only as much salt as needed).

Program and Time Memory

Permanent memory maintains hardness and regeneration time settings even if power is off or unit is unplugged for extended periods. Maintains time for up to 6 hours in case of power failure. No batteries needed, unit recharges itself when power is restored.

24-Volt Electronic System

Simplifies installation and maintenance.



Installation Kit Included

For installing convenience, a complete installation kit with bypass valve, drain tubing and use & care video is included with product.

Easy-to-Set Electronic Controls

No calculations or complicated programming. Simply turn it on, set time of day and set the hardness level of your water supply.

Regenerates Only When Needed

Memory maintains water usage pattern reducing salt usage and assuring an ample supply of soft water.



GE
GNSF23Z

THIS MODEL INCLUDES

18,000 Grain Capacity

Assures an ample supply of soft water.

140 lb. Salt Storage

Combined with the compact size means easier salt loading.

High Efficiency

The salt-efficiency of the unit provides cost savings and convenience. Reduces the need for frequent salt replacement.

Compact Size Means Installation Flexibility

The compact housing provides installation flexibility; installs in many areas other softeners may not.

Demand-Initiated Regeneration

Softening system monitors water usage to determine proper amount of salt needed using demand-initiated regeneration (system will use only as much salt as needed).

Program and Time Memory

Permanent memory maintains hardness and regeneration time settings even if power is off or unit is unplugged for extended periods. Maintains time for up to 6 hours in case of power failure. No batteries needed, unit recharges itself when power is restored.



24-Volt Electronic System

Simplifies installation and maintenance.

Installation Kit Included

For installing convenience, a complete installation kit with bypass valve, drain tubing and use & care video is included with product.

Easy-to-Set Electronic Controls

No calculations or complicated programming. Simply turn it on, set time of day and set the hardness level of your water supply.

Regenerates Only When Needed

Memory maintains water usage pattern reducing salt usage and assuring an ample supply of soft water.



GE
GNSF18Z

GE SMARTWATER™ REVERSE OSMOSIS FILTRATION SYSTEMS

	GE Profile Performance Series™		GE Profile™	GE
	PNRV18ZWW PNRV18ZBB	PNRV18ZWH PNRV18ZBL	PNRV12ZBL	GXRV10ABL
Capacity				
Storage Tank Capacity (gals.)	1.9	1.9	2.1	1.3
Features				
SmartWater™ Faucet	Electronic Monitor	Electronic Monitor	Electronic Monitor	Short-Reach
Faucet Color	White on white Black on black	Chrome with white Chrome with black	Chrome with black	Chrome with black
Output Per Day (gals.) – Production Rate (gpd) as tested by WQA Standard S-300	18*	18*	12	10
Process Water Used (per gal.)	4	4	4	4
Working Pressure (psi)	40 min. - 125 max.	40 min. - 125 max.	40 min. - 125 max.	40 min. - 125 max.
Max. TDS Removal (ppm)	2000	2000	2000	2000
Percent TDS Removal** (ppm)	75-92	75-92	75-92	75-92
Percent Cysts Reduction	99.95 effective	99.95 effective	99.95 effective	99.95 effective
Max. Hardness	10 grains	10 grains	10 grains	10 grains
Feed Water pH limits	4-10	4-10	4-10	4-10
Operation and Storage Water Temperature	40-100° F	40-100° F	40-100° F	40-100° F
Auto Shut-Off	●	●	●	●
Filters & Membrane				
RO Membrane	FX18M Thin Film Polyamid (TFP)	FX18M Thin Film Polyamid (TFP)	FX12M Thin Film Polyamid (TFP)	FX12M Thin Film Polyamid (TFP)
Pre-Filter (Sediment)	FX18P-Act. Carbon Block	FX18P-Act. Carbon Block	FX12P-Carbon Composite	FX12PA-Carbon Block
Post-Filter (Taste/Odor)	FX18P-Gran. Act. Carbon	FX18P-Gran. Act. Carbon	FX12P-Carbon Composite	FX12PA-Carbon Block
RO Filtration Indicator	Electronic	Electronic	Electronic	●
Filter Change Indicator	Electronic	Electronic	Electronic	●
Undercounter Installation (kit included)	●	●	●	●
Optional Basement Installation (hardware not included)	●	●	●	●
Appearance				
Style	All-In-One	All-In-One	Bracket	Bracket
Unit Color	Grey	Grey	Grey	Grey
Filter Housing	Opaque	Opaque	Opaque	Opaque
Weights & Dimensions				
Approximate Shipping Weight (lbs.)	16	16	23	20
Overall W x H x D (in.)	10 x 21 x 10	10 x 21 x 10	17 x 16 x 5-3/4 (unit) 11 x 17 x 11 (tank)	17 x 16 x 5-3/4 (unit) 9 x 15 x 9 (tank)
Power/Ratings				
Faucet Monitor Power Requirement	4 AA batteries (included)	4 AA batteries (included)	4 AA batteries (included)	
Accessories (available at additional cost)				
Supplemental Tank	RVTNK1	RVTNK1	RVTNK1	RVTNK1
Storage Cabinet	RV18CBNT	RV18CBNT		
Icemaker Connection Kit	RVKIT	RVKIT	RVKIT	RVKIT

*Output according to ANSI/NSF Standard 58 as tested by Spectrum Labs, Inc. is 14 gals. per day. Feed water over 10 grains of hardness may affect performance of the filtration system.

**Feed water = 50 psig, 77°F, pH = 7.5 ± 5 and 750 ppm TDS as sodium chloride. Product water produced, amount of waste and percent rejection will vary with changes in pressure, temperature and total dissolved solids. Feed water over 10 grains of hardness may affect performance of the filtration system.



GE Reverse Osmosis Models PNRV18Z, PNRV12Z and GXRV10ABL Series are tested and certified to ANSI/NSF Standard 58 for TDS and cyst reduction.

NSF Approved

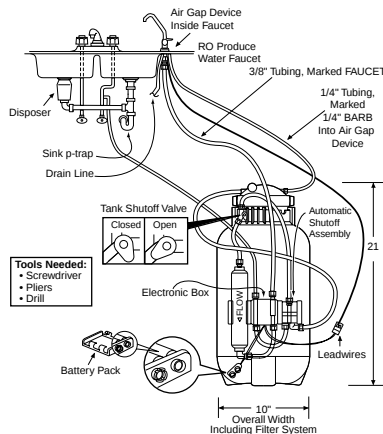
NSF is the most highly recognized independent testing institution in the water treatment industry. NSF inspects our manufacturing facilities, structurally tests our product, tests our product to make sure nothing harmful is added to the water and certifies our product performance as specified on the performance data sheet (inside the product box).

SPECTRUM LABS INC.

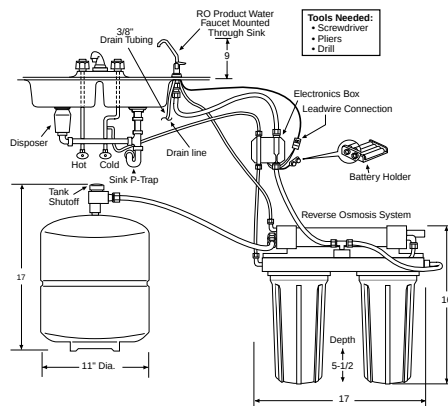
The GE Reverse Osmosis models PNRV18Z, PNRV12Z and GXRV10ABL Series have been quality tested by an independent laboratory, Spectrum Labs, Inc.

Caution: Do not use with water that is micro-biologically unsafe or of unknown quality, without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. This reverse osmosis unit contains a replaceable membrane cartridge treatment component critical for effective removal of Total Dissolved Solids. The water should be tested periodically to verify that the system is performing satisfactorily.

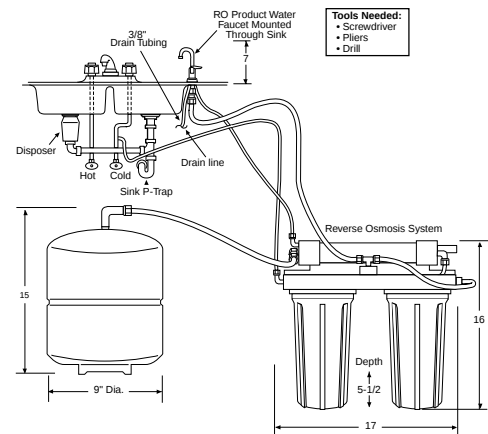
Models PNRV18ZWW/18ZBB/18ZWH/18ZBL Installation Information (in inches)



Model PNRV12ZBL Installation Information (in inches)



Model GXRV10ABL Installation Information (in inches)



Installation, Parts and Warranty Information

Note: R.O. System can be installed up to 30 feet from point-of-use/faucet.

Note: Can be installed undercounter (as shown), in basement, or other convenient location. Before installing, see installation instructions packed with product for complete details.

Replacement Membranes, Pre- and Post-Filters

Call GE SmartWater Services, toll-free 800.952.5039 for convenient ordering.

Water Test Kit

To order a water test kit, call 800.626.2000.

Warranty Information

Models PNRV18Z and PNRV12ZBL:

Full One-Year Warranty – (parts and labor at no additional charge) applies to entire unit, excluding membrane and filters.

Model GXRV10ABL:

Limited One-Year Warranty – parts and labor at no additional charge (does not include service trip) applies to entire unit, excluding membrane and filters.

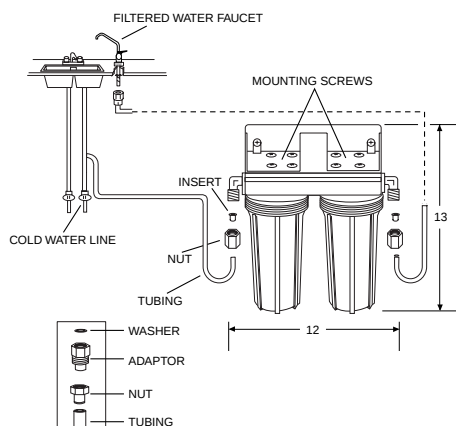
GE SMARTWATER™ DUAL CARBON FILTRATION SYSTEMS

	GE				Refrigerator/Icemaker Water Filters		
	GNUL30B	GNUT05B	GNUT03B GXUT03B*	GXEM01B*	GXIT	GXITQ	GXILQ
Features							
SmartWater™ Faucet	Electronic Monitor	Electronic Monitor	Short-Reach	Electronic Monitor	N/A	N/A	N/A
Faucet Color	Chrome w/black	Chrome w/black	Chrome w/black	Chrome w/black	N/A	N/A	N/A
Feed Water Pressure (psi)	40 min.-125 max.	40 min.-125 max.	40 min.-125 max.	40 min.-125 max.	20 min.-125 max.	20 min.-125 max.	20 min.-125 max.
Feed Water Temperature	40-100°F	40-100°F	40-100°F	40-100°F	40-100°F	40-100°F	40-100°F
Filtered Water Flow (gpm)	0.6	0.6	0.6	0.6			
Filter I (Sediment)	FXUSB	FXUSB	FXUSB				
Filter Cartridge	Polyspun Depth Filter	Polyspun Depth Filter	Polyspun Depth Filter				
	FXULB (Lead,Cysts)	FXUTB (Taste/Odor)	FXUTB (Taste/Odor)				
Filter II (Carbon block)							
Filter Cartridge	Block Act. Carbon	Act. Carbon	Act. Carbon		Act. Carbon	Act. Carbon	Block Act. Carbon
Particulate Removal	Absolute 1 micron	20 micron	20 micron		5 micron nominal	5 micron nominal	Absolute 1 micron
Chlorine Reduction (percent / gals.)	99.5/1250	99.5/6000	99.5/6000		750 gallons	750 gallons	1000 gallons
Lead Reduction (percent / gals.)	95.7/1250						>90/1000
Cysts Reduction (percent / gals.)	99.98/1250						>99.98/1000
Turbidity Reduction (percent / gals.)	99.7/1250						
Filter Change Indicator	Electronic	Electronic	●	Electronic	Sticker	Sticker	Sticker
Undercounter Installation (kit included)	●	●	●	●	N/A	N/A	N/A
Installation Kit					●	●	●
Fittings					Brass	Quick Connect	Quick Connect
Auto-Shut Off Valve						●	●
Optional Basement Installation (hardware not included)	●	●	●	●			
Appearance							
Style	Bracket	Bracket	Bracket	Bracket			
Unit Color	White	White	White	White	White	White	White
Filter Housing	White	White	White	White			
Weights & Dimensions							
Approximate Shipping Weight (lbs.)	7	7	7	6	2	2	2
Overall W x H x D (in.)	12 x 13 x 4-5/8	12 x 13 x 4-5/8	12 x 13 x 4-5/8	12 x 13 x 4-5/8	14 x 2 x 2	14 x 2 x 2	15 x 2-1/2 x 2-1/2
Power/Ratings							
Faucet Monitor	2 AA batteries (included)	2 AA batteries (included)		2 AA batteries (included)	N/A	N/A	N/A
Power Requirement					N/A	N/A	N/A
Accessories (available at additional cost)							
Icemaker Connection Kit	UCKIT	UCKIT	UCKIT	UCKIT	N/A	N/A	N/A

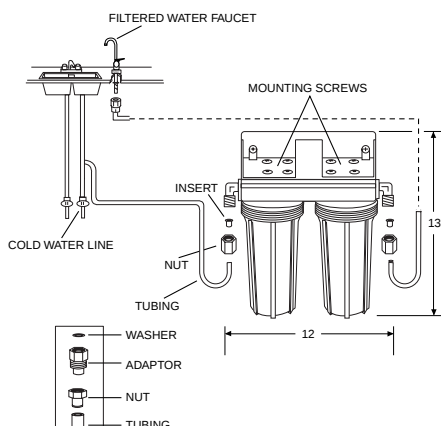
Caution: Do not use with water that is microbiologically unsafe or of unknown quality, without adequate disinfection before or after the system. Systems certified for cysts reduction may be used on disinfected water that may contain filterable cysts.

*Models GXUT03B and GXEM01B have retail packaging

Models GNUL30B/GNUT05B/GXEM01B Installation Information (in inches)



Models GNUT03B/GXUT03B Installation Information (in inches)



GXUT03B, GNUT03B, GNUT05B and GNUL30B are tested and certified to ANSI/NSF Standard 42 for particulate reduction Class I, chlorine reduction Class I and taste and odor reduction.

GNUL30B is tested and certified to ANSI/NSF Standard 53 for cysts, turbidity and lead reduction.

NSF Approved

NSF is the most highly recognized independent testing institution in the water treatment industry. NSF inspects our manufacturing facilities, structurally tests our product, tests our product to make sure nothing harmful is added to the water and certifies our product performance as specified on the performance data sheet (inside the product box).



The GE SmartWater™ Filtration System (GNUL30B) have been quality tested by an independent laboratory, Spectrum Labs, Inc.

Installation, Parts and Warranty Information

Note: Can be installed undercounter (as shown), in basement, or other convenient location. Before installing, see installation instructions packed with product for complete details.

Replacement Filters

Call GE SmartWater Services toll-free 800.952.5039 to order replacement filters.

Water Test Kit

To order a water test kit, call 800.626.2000.

Warranty Information

Models GNUL30B, GNUT05B:

Full One-Year Warranty – (parts and labor at no additional charge) applies to entire unit, excludes filters.

Models GXUT03B, GXEM01B, GNUT03B:

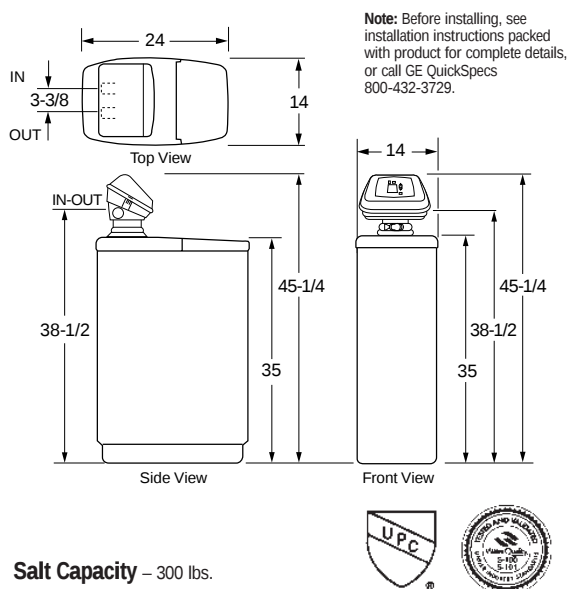
Limited One-Year Warranty – parts and labor at no additional charge, (does not include service trip) applies to entire unit, excludes filters.

GE SMARTWATER™ SOFTENING SYSTEMS

	GE Profile Performance Series™	GE Profile™	GE	
	PNSF39Z	PNSF31Z	GNSF23Z	GNSF18Z
Capacity				
Capacity (grains)	Super-38,500*	Extra-Large-30,800*	Large-23,100*	Compact-18,000*
Features				
Efficiency (grains per lb.-salt)	5200**	5200**	5200**	5000**
Max. Hardness Removal (gpg)	110	95	50	25
Max. Clear Water Iron Reduction (ppm)	8	5	3	3
Resin Filter Type	Std. mesh	Std. mesh	Std. mesh	Std. mesh
Resin Weight (lbs.)	52.00	41.60	31.20	38
Resin Quantity (cu. ft.)	1.00	.80	.60	.73
Resin Tank Size (in inches)	10 x 35	10 x 35	8 x 40	10 x 21
Salt Capacity (lbs.)	300	300	200	140
Water Used for Regeneration (gals.)	43-52	40-45	23-30	25-30
Regeneration Time (min.)	Approx. 118	Approx. 118	Approx. 118	Approx. 120
Service Flow Rate (at 15 psi drop)	10	10	8	7
Systems Monitor	●			
Electronic Controls	Backlit LCD	●	●	●
Permanent Settings Memory	●	●	●	●
Plumbing Connection	1"-NPT	1"-NPT	1"-NPT	1"-NPT
Appearance				
Spacesaver Design				●
Style	Cabinet	Cabinet	Round	Round
Unit Color	Grey	Grey	Grey	Grey
Electronic-Demand Driven	●	●	●	●
Weights & Dimensions				
Approximate Shipping Wt. (lbs.)	108	95	88	66
Overall W x H x D (in.)	14 x 45-1/4 x 24	14 x 45-1/4 x 24	18-1/4 x 48-3/4 x 18-1/4	18-5/8 x 29-1/2 x 18-5/8
Power/Ratings				
Electronic Rating	24V, 60Hz	24V, 60Hz	24V, 60Hz	24V, 60Hz

*PNSF39-Test protocol @ 16.0 lbs. of salt.
PNSF31-Test protocol @ 12.8 lbs. of salt.
GNSF23-Test protocol @ 9.6 lbs. of salt.
GNSF18Z-Test protocol @ 6.3 lbs. of salt.
**PNSF39-Test protocol @ 2.9 lbs. of salt.
PNSF31-Test protocol @ 2.3 lbs. of salt.
GNSF23-Test protocol @ 1.8 lbs. of salt.
GNSF18Z-Test protocol @ 1.6 lbs. of salt.

Models PNSF39Z and PNSF31Z Installation Information (in inches)



Salt Capacity – 300 lbs.

Warranty Information

Full One-Year Warranty – (parts and labor at no additional charge) applies to entire unit.

Limited Three-Year Warranty – (parts only) applies to electronic monitor.

Limited Ten-Year Warranty – (parts only) applies to replacement cabinet (brine tank) and resin tank.

See written warranty, packed with product, for details.

Important: All units must be installed according to local codes.



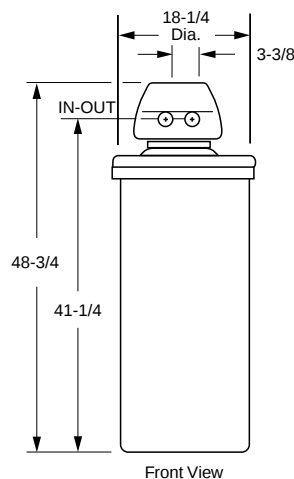
Installation Kit Included

For installing convenience, a complete installation kit with bypass valve, drain tubing and use & care video is included with product.

Water Test Kit

To order a water test kit, call 800.626.2000.

Model GNSF23Z Installation Information (in inches)



Salt Capacity – 200 lbs.

Warranty Information

Full One-Year Warranty – (parts and labor at no additional charge) applies to entire unit.

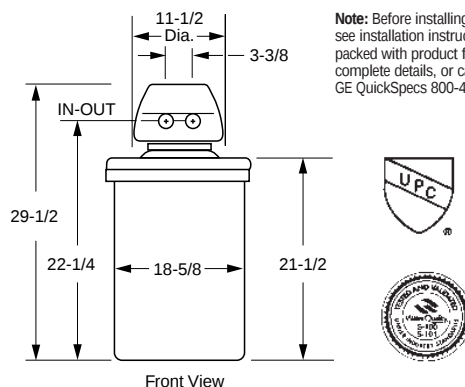
Limited Three-Year Warranty – (parts only) applies to electronic monitor.

Limited Ten-Year Warranty – (parts only) applies to replacement cabinet (brine tank) and resin tank.

See written warranty, packed with product, for details.

Important: All units must be installed according to local codes.

Model GNSF18Z Installation Information (in inches)



Salt Capacity – 140 lbs.

Warranty Information

Full One-Year Warranty – (parts and labor at no additional charge) applies to entire unit.

Limited Three-Year Warranty – (parts only) applies to electronic monitor.

Limited Ten-Year Warranty – (parts only) applies to replacement cabinet (brine tank) and resin tank.

See written warranty, packed with product, for details.

Important: All units must be installed according to local codes.

GE SMARTWATER™ FILTRATION SYSTEMS ACCESSORIES

OPTIONAL ACCESSORIES (AVAILABLE AT ADDITIONAL COST)



ICEMAKER CONNECTION KITS

RVKIT (For use with Reverse Osmosis Models.)

Optional hook-up kit is available to provide the added convenience of filtered water through your refrigerator dispenser. Kit includes all necessary items for hook-up, including supplemental tank (RVTNK1).

(Models PNRV18ZWW, PNRV18ZBB, PNRV18ZWH, PNRV18ZBL and PNRV12ZBL)

UCKIT (For use with Dual Carbon Filtration Models.)

Optional hook-up kit is available to provide the added convenience of filtered water through your refrigerator dispenser. Kit includes all necessary items for hook-up.

(Models GNUL30Z, GNUV10Z, GNUT05Z and GXEM01Z)



STORAGE CABINET

RV18CBNT

The optional storage cabinet conceals filter unit providing a neater appearance. Allows for horizontal installation with a convenient storage surface on top for placing cleaning supplies, bottles, etc.

(12" w x 10 1/2" d x 22" h)

For use with GE Profile Performance Series™ models only.

(Models PNRV18ZWW, PNRV18ZBB, PNRV18ZWH and PNRV18ZBL)



SUPPLEMENTAL TANK

RVTNK1

An extra storage tank is available for added capacity needs. (17" h x 11" diameter)

For use with Reverse Osmosis models only.

(Models PNRV18ZWW, PNRV18ZBB, PNRV18ZWH, PNRV18ZBL and PNRV12ZBL)

GE—Providing Excellence In Service



GE Answer Center®

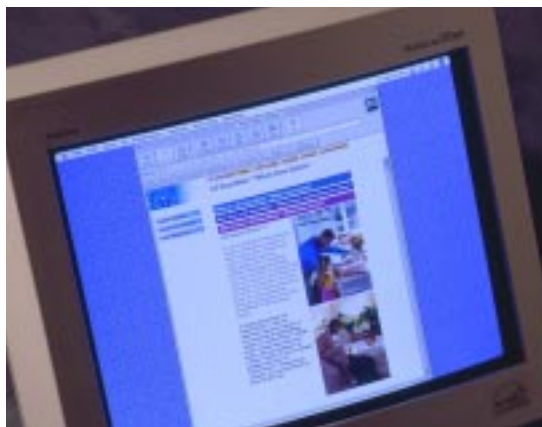
For questions on features and service, call the GE Answer Center®, 24 hours a day, seven days a week. 800.626.2000.

Full Warranty

As expected from a major appliance manufacturer, GE offers a one-year warranty (parts and labor) on water filtration and water softening systems. See warranty for complete details.

GE Appliance Parts

For water filter replacements and replacement parts, call GE Appliance Parts, 800-626-2002 for convenient ordering.



Nationwide Installation Referral

GE offers installation of whole home systems across the country, nationwide, where and when you need it by a SmartWater™ Specialist. Call 1-800-952-5039.

Visit Our Website!

www.ge.com/smartwater
Visit the GE SmartWater™ website for information on features and products, as well as the GE SmartWater™ dealer nearest you.

GE Service Protection Plus™

Provides protection from service repair costs for the term of the GE Service Contract. Call 800-626-2224.



Water Testing Analysis

GE will offer, through an independent testing lab, water analysis to help determine the right GE SmartWater™ Whole Home System for your area. Call the GE Answer Center®, 800.626.2000.

GE—A Name You Can Trust!

GE SmartWater™ Whole Home Systems provide the quality, dependability and excellence you expect. Backed by one of the most trusted names in the world!



GE Appliances

General Electric Company
Louisville, Kentucky 40225
www.ge.com/appliances

GE has a policy of continuous improvement on its products and reserves the right to change materials and specifications without notice.

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