Accessories and Specialty Items

R.E. Prescott Company
Water Treatment Catalog

About R.E. Prescott Co., Inc.

Robert E. Prescott Jr. founded the R.E. Prescott Company in 1954. Since our humble beginnings, three generations of the Prescott family have been working to meet the needs of our loyal customers. When customers buy from the R.E. Prescott Company, they buy more than products — they buy solutions. We create unique and innovative solutions that satisfy the demands of an ever-changing water system, wastewater, and water treatment market. The steadfast service we provide, accompanied by an experienced understanding of successful applications, lend credibility to our distinguished REPCO product line. We back all of our REPCO manufactured and distributed products with design and applied engineering knowledge. Our trained and licensed professionals help customers find the right product, engineer the best solutions, and implement practical applications. The bottom line — When you buy from the R.E. Prescott Company, rest assured, "You bought the best."

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Table of Contents

Accessories and Specialty Products

Bubble-Up® Radon

The Bubble-Up® Interactive™ removes radon from water and includes safety features such as meter control and alarms for vent obstruction, high water and leaks - even during power outages.

Benefits

- The Bubble-Up® Interactive™ removes harmful radon from water
- Safety features such as meter control and alarms for vent obstruction, high water and leaks
- Compact size
- Clean, neat electrical outlet installation
- Patented efficient water flow eliminates need for control panel
- No wiring, pumps or controls near the floor
- FDA approved polyethylene, BPA-free tank

Removal Process

- Water is aerated and blown into the inside tank. Radon is bubbled up and out. Clean water overflows the rim of the inner tank and a built-in pump automatically delivers clean water to the home.

Meter Control for
Bubble-Up® Interactive™

Water Alarm Valve for
Bubble-Up® Interactive™

Standard Equipment

- Bypass valve
- Bubble-Up® Tank
- Triple back up water alarm valve: battery back up, float back up, solenoid back up with motorized ball valve
- Triple safety water alarm valve: overflow water stop, leak water stop, plugged vent water stop
- Digital flow meter
- Pressure gauge
- Flow direction arrows
- Status lights indicate when to change battery

Required Conditions

- No backwashing required
- Influent water conditions: *
  - Hardness < 68 mg/l (4 GPG)
  - Iron < 0.30 mg/l
  - Manganese < 0.05 mg/l
- 5 micron sediment cartridge pre-filter required

* May Require Application Engineering

Bubble-Up® Interactive™

Bubble-Up® Jr. Interactive™

npXtra™ POE Arsenic

The npXtra™ removes arsenic from water to provide safe drinking water and peace of mind

Benefits of npXtra™ Arsenic Removal:

- Arsenic removal can prevent serious health problems, including some degenerative diseases and deadly forms of cancer.
- The npXtra™ is a comprehensive system that handles multiple aspects of arsenic concerns.
- Arsenic is colorless, odorless, and tasteless.
- Sample kits are sent to the homeowner every 9 months for 2 years to provide peace of mind by showing the system is working effectively.
- POE (Point-of-Entry) whole house treatment
- Environmentally responsible disposal of spent media**.**

About Arsenic Adsorptive Media:
- NSF/ANSI Standard 61 Certified
- Long lasting
- High capacity
- Low operating cost
- Proven iron chemistry
- No fines
- No backwash
- Limits liability associated with disposal
- Optimal flow dynamics
- Rapid adsorption kinetics
- Spent media passes Toxicity Characteristic Leaching Procedure (TCLP)
- Low pressure drop

Standard Equipment Includes:

- Arsenic Adsorptive Media
- Two columns for built-in back up protection
- Center block with bypass valve, flow monitor, and three sample valves
- 2 year testing program
- Bypass valve, 1" MNPT connections

Removal Process:

- Arsenic is adsorbed onto the media

Required Conditions:

- Drain valve (to flush the system)
- No backwashing required
- Influent water must be iron and manganese free*
- 5 micron sediment cartridge pre-filter required
- pH level of 8.3 or lower

Specifications:

		NPX-POE09	NPX-POE10	NPX-POE12	NPX-POE14	NPX-POE24
Media		LayneRT / ASM-10 HP / Metsorb				
Tank Size, In.		9x48	10x54	12x52	14x54	24x50
Overall Height, In.		52	58	56	58	54
Inlet Height, In.		50	56	54	56	52
Pipe Size In/Out		1" MNPT	1" MNPT	1" MNPT	1" MNPT	1" MNPT
Flow, GPM*		0-7	0-10	0-15	0-20	0-25
Mineral Volume, Cubic Feet Per Tank		0.9	1.3	2.0	3.0	7.0
Number of Tanks		2	2	2	2	2

*May Require Application Engineering

GreenPro™ POE Arsenic

The GreenPro™ removes arsenic from water to provide safe drinking water and peace of mind.

Benefits of GreenPro™ Arsenic Removal:

- Arsenic removal can prevent serious health problems, including some degenerative diseases and deadly forms of cancer.
- The GreenPro™ is a comprehensive system that handles multiple aspects of arsenic concerns.
- Arsenic is colorless, odorless, and tasteless.
- Sample kits are sent to the homeowner every 6 months for 2 years to provide peace of mind by showing the system is working effectively.
- Whole house POE (Point-of-Entry) System
- Environmentally responsible disposal of spent media.

About the Arsenic Adsorptive Media:
- NSF/ANSI Standard 61 Certified
- Long lasting
- High capacity
- Low operating cost
- Proven iron chemistry
- No fines
- No backwash
- Limits liability associated with disposal
- Optimal flow dynamics
- Rapid adsorption kinetics
- Spent media passes Toxicity Characteristic Leaching Procedure (TCLP)
- Low pressure drop

Standard Equipment Includes:

- Arsenic Adsorptive Media
- Meter control to monitor water use and flow
- 2 sample valves
- 2 year testing program
- Stainless steel bypass valve, 1" FNPT

Removal Process:

- Arsenic is adsorbed onto the media

Required Conditions:

- Drain valve (to flush the system)
- No backwashing required
- Influent water must be iron and manganese free*
- 5 micron sediment cartridge pre-filter required
- pH level of 8.3 or lower

Specifications:

	Model #		
	GP09	GP10	GP12
Media	LayneRT / ASM-10 HP / Metsorb		
Tank Size, In.	9x48	10x54	12x52
Overall Height, In.	54	60	58
Inlet Height, In.	50	56	54
Pipe Size In/Out	1" FNPT	1" FNPT	1" FNPT
Flow, GPM*	0-7	0-10	0-15
Mineral Volume, Cubic Feet Per Tank	0.9	1.3	2.0
Number of Tanks	1	1	1

*May Require Application Engineering

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GreenPro™ POU Arsenic

The GreenPro™ removes arsenic from water to provide safe drinking water and peace of mind.

Benefits of GreenPro™ Arsenic Removal:

- Arsenic removal can prevent serious health problems, including some degenerative diseases and deadly forms of cancer.
- The GreenPro™ is a comprehensive system that handles multiple aspects of arsenic concerns.
- Arsenic is colorless, odorless, and tasteless.
- Sample kits are sent to the homeowner every 6 months for 2 years to provide peace of mind by showing the system is working effectively.
- Environmentally responsible disposal of spent media**.**

About the Arsenic Adsorptive Media:
- NSF/ANSI Standard 61 Certified
- Long lasting
- High capacity
- Low operating cost
- Proven iron chemistry
- No fines
- No backwash
- Limits liability associated with disposal
- Optimal flow dynamics
- Rapid adsorption kinetics
- Spent media passes Toxicity Characteristic Leaching Procedure (TCLP)
- Low pressure drop

Standard Equipment Includes:

- Arsenic Adsorptive Media
- 2 year testing program

Removal Process:

- Arsenic is adsorbed onto the media

Required Conditions:

- No backwashing required
- Influent water must be iron and manganese free*
- pH level of 8.3 or lower

Specifications:

	Model #	
	NPX-POU06	**NPX-POU08**
Media	LayneRT / ASM-10 HP / Metsorb	
Tank Size, In.	6x18	8x35
Overall Height, In.	22	40
Inlet Height, In.	19	36
Pipe Size In/Out	1/2" JG	1/2" JG
Flow, GPM*	0-2	0-5
Mineral Volume, Cubic Feet Per Tank	0.16	0.7
Number of Tanks	1	1

*May Require Application Engineering

Arsenic System Testing

Pre-Testing:

To properly ensure that the npXtra/GreenPro Arsenic Mitigation System is the right system for your customer, we offer an "Arsenic Speciation Pre-Test" of your customer's water. This pre-test kit is a special kit which must be picked up from REPCO prior to testing on-site. The cost of the kit is $100.00, and it will include sample results on the following items: AsIII, AsV, Silica, Phosphates, pH, Vanadium, Hardness, Iron, Manganese, Sulfate.

A) Speciation of the arsenic to determine the amounts of AsIII vs. AsV in your sample. Trivalent arsenic (AsIII) is non-oxidized arsenic. Pentavalent arsenic (AsV) is arsenic in the oxidized form. The presence of AsIII in the water supply significantly shortens the life of arsenic adsorptive resin, although it will still remove it. Significant AsIII in the water may cause us to consider a pre-filter to oxidize the AsIII into the AsV form, which will greatly increase the bed life of the npXtra/GreenPro System.

B) Testing for the presence of Silica, Phosphates and Vanadium in the water supply. These three items will take up sites in the npXtra/GreenPro resin bed that are normally reserved for arsenic, thereby decreasing the total amount of arsenic that can be removed by the npXtra/GreenPro column.

We will use this information, combined with normal water testing information (iron, manganese, pH, etc.), to give you a more accurate estimate of total bed capacity of the npXtra/GreenPro System in your customer's application. This testing will allow you, the dealer, to have more up front information for the consumer regarding how long the npXtra/GreenPro tank will last until exhaustion.

Please contact us with any questions regarding this pre-testing.

Arsenic Testing Program:

When you purchase an npXtra™ or GreenPro™ Arsenic System, testing is included for 2 years. The npXtra standard testing schedule is at months 6, 15 and 24. The GreenPro standard testing schedule is at months 6, 12, 18 and 24. This provides peace of mind that the system is working properly and alerts the homeowner and installer when it is time to replace the tank.

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Specialty Softeners

Anion Resin (for removal of arsenicV, nitrate, phosphate, and uranium)*
ResinTech SBG2 is a high capacity, gelular Type Two strongly basic anion exchange resin supplied in the chloride form as moist, tough, uniform spherical beads. It provides superior regeneration efficiency and greater resistance to organic fouling than Type One strongly basic anion exchange resins. ResinTech SBG2 is intended for use in all types of dealkalization, deionization and chemical processing applications.

Macro-T (for removal of tannins)*
Macro-T is an acrylic strongly basic macroporous anion resin. Due to its acrylic structure, Macro-T provides superior resistance to organic fouling and has the unique ability to remove tannins during the service cycle and release them during regeneration. Tannins are the result of decaying vegetative matter and appear as a yellow to brownish cast in water. Tannins typically appear in surface waters and will cause staining, taste and odor problems.

*May require application engineering for proper removal methods

Softening systems include your choice of softener valve and brine tank.

Quantum™ Aeration Tank

The Quantum™ Aeration Tank is built using the Vision™ In/Out Head
with AP1 Air Pump, install kit, inlet air check, and electronic meter.

Benefits:

- Ideally suited for constant pressure or jet pump systems
- Operates AP1 Air Pump to increase dissolved oxygen content
- Creates contact time for aeration and precipitation

Standard Equipment Includes:

- Meter Control BUB080
- 1/4" Air Inlet Check Valve Tubing Connection
- Vision™ Downflow Head
- Fiberglass mineral tank with upper diffuser plate
- Full 1" Internal Piping
- Air release assembly float valve
- Vortec Meter
- AP1 Air Pump
- Stainless steel wall bracket for AP1 Air Pump

Operation:

- Meter Control is mounted above the in/out head for operating the AP1 Air Pump
- AP1 Air Pump delivers air through 1/4" tubing to 1/4" air inlet tube check fitting
- Internal air release valve directs excess air through a top mounted swiveling air release fitting for 1/4" tubing
- Water is directed in and out of bypass valve through internal 1" distributor tube
- For use in residential applications only. OP1 Meter control setting 20 second operation every 40 gallons

Aeration Tank Dimensions:

Model	A	B	C	D	Shipping Weight (lbs)
QA-10	57	9	48	49.25	30
QA-15	63	10	54	55.25	45
QA-20	61	12	52	53.25	60
QA-25	63	13	54	55.25	75

A= Overall height in inches
B= Tank diameter in inches
C= Tank height in inches
D= Inlet height in inches (specify 0.75"or 1" Bypass, or 1.25" Yoke)

AP1 Air Pump

Quantum™ Aeration Tank Head

Meter Control

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Quantum™ Feed Pump Tank

The Quantum™ Feed Pump System is built using the Vision™ In/Out Head with Auto Feed Pump, install kit, inlet feed check, and electronic meter.

Benefits:

- Operates Auto Feed Pump™ to feed treatment materials into the water
- Creates contact time for treatment

Standard Equipment Includes:

- Meter Control BUB080
- 1/4" Feed Inlet Check Valve Tubing Connection
- Vision™ Downflow Head
- Fiberglass mineral tank
- Full 1" Internal Piping
- Vortec Meter
- Auto Feed Pump™ (XP004)
- 18"x32" - 30 gallon solution tank

Operation:

- Meter Control is mounted above the in/out head for operating the Auto Feed Pump™.
- Auto Feed Pump™ delivers treatment materials through 1/4" tubing to 1/4" feed inlet tube check fitting
- Water is directed in and out of bypass valve through internal 1" distributor tube

Options:

- 4-20 mA output can operate proportional feed pump

Feed Pump Tank Dimensions:

Model	A	B	C	D	Shipping Weight (lbs)
QF-10	57	9	48	49.25	30
QF-15	63	10	54	55.25	45
QF-20	61	12	52	53.25	60
QF-25	63	13	54	55.25	75

A= Overall height in inches
B= Tank diameter in inches
C= Tank height in inches
D= Inlet height in inches (specify 0.75"or 1" Bypass, or 1.25" Yoke)

Auto Feed Pump™

Meter Control

Quantum™ Feed Pump Tank Head

Meter Control Retrofit Kits

Add a meter and meter control to convert an existing micronizer, Air Pump or Feed Pump system to operate on flow.

BUB080 Meter Control:

- Easy touch programming
- Set Volume/Set Time 12 V AC Output
- Flow Switch 12 V AC Output
- Works with any Hall Effect Meter
- Adjustable 4-20 mA output flow rate signal
- Displayed real time flow rate, GPM
- Total accumulated flow, Gallons
- Records peak flow, GPM Peak
- Power On Green Light
- Adjustable threshold gallons prompt
- 80% Threshold Amber Light
- 90% Threshold Red Light
- 100% Threshold flashing Red Light
- 100% Threshold Audible alarm
- 100% Threshold 12 V AC Output

Meter control works with any Hall Effect Meter.

Meter Control operates existing 115V air pump or feed pump through the meter control switch box. Just plug it in!

1" Inline Meter with Meter Control

AquaBubble™ Insert Meter with Meter Control

AP1 Air Pump with Bracket
The meter control directly operates the residential Auto Air Pump for 20 seconds every 40 gallons.

Vortec Meter with Meter Control

Auto Feed Pump

The meter control directly operates any style feed pump that receives a 12V AC pulse output or 4-20 MA proportional flow output.

Revolution™ Aeration System

The Revolution™ Aeration System includes a PVC head with a built-in adjustable micronizer (adjustment screw, nozzle and venturi), internal air release float, and instrumentation, all in one package. Pressure gauges allow the installer to make adjustments to suit the best air draw, and a stainless steel bypass allows for ease of service.

Benefits:

- Increases dissolved oxygen content
- Creates contact time for aeration and precipitation

Standard Equipment Includes:

- Fiberglass mineral tank
- Full 1" Internal Piping
- Air release valve
- Inlet Air/Water mixer

Dimensions:

A	B	C	D	Shipping Weight (lbs)
55	9	48	49.25	30

A= Overall height in inches
B= Tank diameter in inches
C= Tank height in inches
D= Inlet height in inches (specify 0.75"or 1" Bypass, or 1.25" Yoke)

Application:

- Designed to work with submersible well pump installations operated by a pressure switch and pressure tank
- Not designed to work with jet pump systems or constant pressure systems.
- Install between well pump and tank

Operation:

- When the well pump is filling the Revolution™ Aeration Tank the nozzle and venturi draw air into the mineral tank
- As the air is drawn into the mineral tank, the water level drops to approximately 14" below the top of the mineral tank and the air release float assembly opens allowing excess air to be released
- As the air is released from the mineral tank the water level rises to approximately 10" below the top of the mineral tank and the air release float assembly closes

Revolution™ Aeration
Tank Head

Crystallizer™ Scale Prevention

The Crystallizer™ Scale Prevention System is a natural water treatment system that uses a scale prevention media for hard water conditions and is salt free, maintenance free, and requires no backwash or regeneration

Benefits of Scale Prevention:

- Vitamins are preserved
- No backwashing valve required
- No salt required, chemical free
- Environmentally friendly
- Eliminates existing scale
- Reduces soap and chemical consumption

Treatment Process:

- Water flows up through scale prevention media, SP3 alters hardness to prevent scale build up.

Standard Equipment Includes:

- 1" Bypass
- Full 1" Internal Piping
- Upper distributor basket
- Mineral Tank
- Vision or AquaBubble™ In/Out Head

Required Conditions for SP3, Scale Prevention:

- Works effectively on water having a pH of 7.0 or greater, can be combined with an acid neutralizer to raise pH*
- Works for 0-25 grain per gallon water
- Must be free of all iron, manganese, sediment and sequestering agents.

Left: REPCO Crystalizer™ Head (1" FNPT)
Right: AquaBubble™ Crystalizer™ Head (1" FNPT)

Specifications:

Model #	Crystallizer™ 844-(R or AB)	Crystallizer™ 948-(R or AB)	Crystallizer™ 1054-(R or AB)	Crystallizer™ 1252-(R or AB)
Media	SP3 Scale Prevention Media			
Tank Size, In.	8x44	9x48	10x54	12x52
Overall Height, In.	47 or 48	51 or 52	57 or 58	55 or 56
Inlet Ht., same as 5600	45.25" or 46"	49.25" or 50"	55.25" or 56"	53.25" or 54"
Pipe Size In/Out bypass	1" FNPT (R) 1" MNPT (AB)	1" FNPT (R) 1" MNPT (AB)	1" FNPT (R) 1" MNPT (AB)	1" FNPT (R) 1" MNPT (AB)
Peak Flow, GPM	10	12	15	20
Shipping Weight, lbs. (Approx.)	35	40	45	50
Mineral Volume, L	3.5	4	4.5	6.5

*May require application engineering

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Air Release Tanks

Item No. V-AR10, V-AR15, V-AR20, V-AR25
VISION™ AIR RELEASE TANK

The Vision™ Air Release Tank is built around the Vision™ In/Out Head with 1" stainless steel bypass. It has an internal air release float valve and a top mounted swiveling air release fitting for 1/4" tubing. When using this item, it will require the purchase of a micronizer or air pump.
- Maintains a 10 to 14" air head
- Upper Deflector

Item No. AB-AR10, AB-AR15, AB-AR20, AB-AR25
AQUA BUBBLE™ AIR RELEASE TANK

The Aqua Bubble™ Air Release Tank is built around the 1191 In/Out Head with V3006 bypass and 1" MNPT fitting package V3007-04. It has an internal air release valve and a top mounted swiveling air release fitting for 1/4" tubing. When using this item, it will require the purchase of a micronizer or air pump.
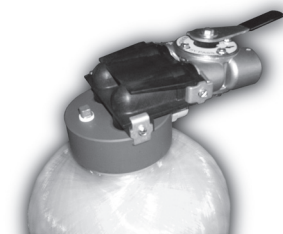- Maintains a 10 to 14" air head
- Upper Deflector

Item No. ARS-948BP, ARS-1054BP, ARS-1252BP
REPCO AIR RELEASE TANK W/ BYPASS

This is the upgraded air release tank. It is built around a PVC tank head with a bypass valve for ease of service. It has an internal air release valve. There is a John Guest fitting for 3/8" tubing in the back for the air exit and a 1/4" FNPT connection for air inlet. The use of this item will require the purchase of a micronizer or air pump.
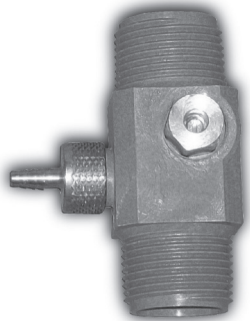- Maintains a 10 to 14" air head
- Upper Diverter

Item No. PE-DIAL
1" DIAL MICRONIZER

This Micronizer is designed to be installed in the water line just prior to the inlet of the hydro-pneumatic tank it serves. This mechanism is a venturi that draws air into the water line through the air inlet/check valve combination to continually charge the tank with air. The excess air in the tank is relieved through an air release assembly installed in the tank.

Item No. CL-U1031
1" PLASTIC MICRONIZER

This Micronizer consists of a high impact Celcon™ plastic body containing two water passages. The water passage closest to the check valve forms a venturi. The venturi causes air to be drawn into the water stream when water is flowing. The second passage acts as a bypass. The percentage of water flow allowed through the bypass assembly is regulated by manually adjusting the bypass screw. This in turn regulates the amount of air drawn into the water stream through the venturi.

Entipur® Monitor™ Manifold

The Entipur® Monitor™ Manifold System uses best managements practices for treating drinking water for contaminants such as arsenic, uranium, V.O.C.'s, and radium, and integrates twin tanks, water sample ports and meter control into one system.

The Entipur® Monitor™ features:
- Twin tank back up protection
- Water Use Alarm
- Sample Valves

Packaged with meter control (BUB080) which can be used for a water use alarm, flow switch, air pump, and feed pump operation* with the following features:

- Displayed real time flow rate, GPM
- Total accumulated flow, Gallons
- Records peak flow, GPM Peak
- Power On Green Light
- Adjustable threshold gallons prompt
- 80% Threshold Amber Light
- 90% Threshold Red Light
- 100% Threshold flashing Red Light
- 100% Threshold Audible alarm
- 100% Threshold 12 V AC Output
- Set Volume/Set Time 12 V AC Output
- Flow Switch 12 V AC Output
- Adjustable 4-20 mA output flow rate signal
- 1-25 GPM +/- 5%
- Easy touch programming
- Multiple Quick Connect fittings
- 1" High Flow Turbine Meter
- Glass Reinforced Polymer Housing

*For use with many different treatment medias, contact us for application engineering

Specifications	Model #			
	Monitor 10T	**Monitor 15T**	**Monitor 20T**	**Monitor 25T**
Media	Selection per application			
Tank Size, In.	9x48	10x54	12x52	13x54
Overall Height, In.	52	58	56	58
Inlet Height, In.	50	56	54	56
Pipe Size In/Out***	1" MNPT	1" MNPT	1" MNPT	1" MNPT
Peak Flow, GPM	**	**	**	**
Shipping Weight, lbs.	105	155	205	255
Mineral Volume, Cubic Feet Per Tank	1	1.5	2	2.5

** Selection per application, manifold and tank heads only is 25 GPM at 8 PSI pressure drop
***Bypass and 1" MNPT fitting kit standard

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Vision™ Monitor™ Manifold

The Vision™ Monitor™ Manifold System uses best managements practices for treating drinking water for contaminants such as arsenic, uranium, V.O.C.'s and radium, and integrates twin tanks, water sample ports and meter control into one system.

The Vision™ Monitor™ features:
• Twin tank back up protection
• Water Use Alarm
• Sample Valves

Packaged with meter control (Part Number BUB080) which can be used for a water use alarm, flow switch, air pump, and feed pump operation* with the following features:

• Displayed real time flow rate, GPM
• Total accumulated flow, Gallons
• Records peak flow, GPM Peak
• Power On Green Light
• Adjustable threshold gallons prompt
• 80% Threshold Amber Light
• 90% Threshold Red Light
• 100% Threshold flashing Red Light
• 100% Threshold Audible alarm
• 100% Threshold 12 V AC Output
• Set Volume/Set Time 12 V AC Output
• Flow Switch 12 V AC Output
• Adjustable 4-20 mA output flow rate signal
• 1-15 GPM +/- 5%
• Easy touch programming
• Vortec Turbine Meter
• Glass Reinforced Polymer Housing

*For use with many different treatment medias, contact us for application engineering

Specifications	Model #			
	Monitor 10V	**Monitor 15V**	**Monitor 20V**	**Monitor 25V**
Media	Selection per application			
Tank Size, In.	9x48	10x54	12x52	13x54
Overall Height, In.	52	58	56	58
Inlet Height, In.	50	56	54	56
Pipe Size In/Out***	1" FNPT	1" FNPT	1" FNPT	1" FNPT
Peak Flow, GPM	**	**	**	**
Shipping Weight, lbs.	105	155	205	255
Mineral Volume, Cubic Feet Per Tank	1	1.5	2	2.5

** Selection per application, manifold and tank heads only is 15 GPM at 8 PSI pressure drop
***1" stainless steel bypass standard

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CarbonSoft™ System

The CarbonSoft™ System combines the manifold kit, Carbon Filter and Water Softener for easy installation and service.

Benefits of the CarbonSoft™:

- Prevention of scale will result in longer lasting plumbing fixtures and appliances including your water heater and dishwasher, lasting up to 1/3 longer
- Hot water heater efficiency will increase by up to 29%
- Softer Hair and Skin
- Cleaner, brighter and longer lasting clothes
- Less soap scum buildup in the bathroom and kitchen
- Carbon filtration effectively reduces the objectionable taste and odors of chlorine while adding nothing to your water
- Effective removal of volatile organic compounds (VOC's), including methane, industrial solvents, petroleum and MTBE
- Coconut shell carbon is considered a renewable resource and is far more environmentally friendly compared to Bituminous Coal carbon which is not a renewable resource
- CO_2 produced by manufacturing process is removed by the coconut trees, making it environmentally sustainable

Standard Equipment Includes:

- Water Softener and Coconut Shell Carbon Filter
- Fiberglass Mineral Tanks
- Full 1" Internal Piping
- AquaBubble™ Manifold
- 1" Stainless Steel Bypass**

**Order choice of bypass or yoke separately

Removal Process:

- A soft sodium or potassium ion is used to remove hard water ions of calcium and magnesium scale, as well as the staining ions of iron and manganese
- Organic compounds are removed primarily by absorption while residual disinfectants such as chlorine are removed by catalytic reduction, a process involving the attraction of negatively-charged contaminant ions to the positively-charged activated carbon

Required Conditions:

- Ideally suited for chlorinated public water supplies

Specifications:

Model	Carbon Mineral Volume (Ft.3)	Softener Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
CS15AB	1.0	1.5	9.0	2.4	185
CS25AB	1.0	2.5	14.0	5.0	320

NutriFilter™ System

The NutriFilter™ System combines the NutriFilter™ Manifold Kit, media filter, and the Crystalizer™.

Benefits of the NutriFilter™:

- Vitamins are preserved
- Filtering iron will prevent buildup in plumbing fixtures, piping, water heaters and all other appliances saving you money in the long run
- Filtering iron and manganese will prevent reddish brown or black staining in the bathroom and kitchen accessories
- No more rotten egg sulfur smell when running the shower or faucet
- No salt required, chemical free
- Environmentally friendly
- Eliminates existing scale
- Reduces soap and chemical consumption
- Filters down to 20 – 40 micron
- Standard NutriFilter™ units are programmed on a 12-day timer, and are set to regenerate on the day and time of your choice

Standard Equipment Includes:

- Choice of Filter Media for Application
- Fiberglass Mineral Tank
- Full 1" Internal Piping
- AquaBubble™ Valve
- Crystallizer™ 844-R
- 1" Stainless Steel Bypass**

**Order choice of bypass or yoke separately

Removal Process:

- For well water, the NutriFilter™ can use catalytic oxidation to filter hydrogen sulfide gas (odor), iron and manganese
- For city water, the NutriFilter™ can use Coconut Shell carbon to remove chlorine, chloramines, odor, V.O.C.'s, and many other contaminants.

Required Conditions:

- Influent water must not be corrosive
- Influent water must have a D.O. content equal to at least 15% of the iron content with a pH of 6.8 or greater
- If dissolved oxygen is not present, the AquaBubble™ NutriFilter™ can be enhanced with the **Air*regen*™** Pump
- For high concentrations of iron, manganese, or hydrogen sulfide refer to Iron Gate®, Revolution™, or Quantum™
- A pH of 8.5 or greater is required when manganese concentration is equal to iron concentration
- A pH of 7.8 is required when manganese concentration is 50% iron concentration
- A pH of 7.0 is required when manganese concentration is 10% iron concentration
- Periodic backwash is required, no regeneration needed

Specifications:

Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
NF15AB-*	1.5	9.0	5.0	210
NF25AB-*	2.5	14.0	10.0	340

*Choose Filter Media (See Filter Media Page)

REPCO
Since 1954

Meter Control and Meter Control Switch Box

Pictured to left:
Packaged meter control with meter can be used for a flow meter, threshold alarm, flow switch, air pump operation, and feed pump operation* with the following features:

- Displayed real time flow rate, GPM
- Total accumulated flow, Gallons
- Records peak flow, GPM Peak
- Power On Green Light
- Adjustable threshold gallons prompt
- 80% Threshold Amber Light
- 90% Threshold Red Light
- 100% Threshold flashing Red Light
- 100% Threshold Audible alarm
- 100% Threshold 12 V AC Output
- Set Volume/Set Time 12 V AC Output
- Flow Switch 12 V AC Output
- Adjustable 4-20 mA output flow rate signal
- 66 Pulses per Gallon
- 1-40 GPM +/- 5%
- Easy touch programming
- Multiple Quick Connect fittings
- 1" High Flow Turbine Meter
  (also available in other sizes)
- Glass Reinforced Polymer Housing

BUB080 Meter Control operates, based on flow:
- Auto Air Pump™
- Auto Feed Pump™
- Proportional feed pumps with 4-20 mA output
- Meter Control Switch Box
- Meter control works with any Hall Effect Meter

*May be used on many different treatment systems, contact us for application engineering

Meter Control Switch Box Description and Application:

- The Meter Control Switch Box uses the 12 V AC output from the packaged meter control (above) to operate an ice cube relay to deliver 115 volts to the pre-wired auxiliary output plug
- 1/8 horse power max
- Assembled in a 4x4 in. electrical box enclosure
- 68 in. 115 V power cord
- The Meter Control Switch Box is for use only with a 12 V AC input, and is specifically designed for use with the REPCO Meter Control P/N BUB080
- Operated by 12 volt output of meter control to run conventional Air Pumps and Chemical Feed Pumps

BUB080SB Meter Control Switch Box

Operation:

1. When 12 V AC is applied to the 3.5mm female jack plug, the internal ice cube relay powers the 115 V AC auxiliary output plug
2. Use this 115 V auxiliary output plug to operate an appropriate air pump, chemical feed pump, or to power any other applications that are less than 1/8 horse power, 115 V, such as auxiliary alarm light or horn

Air*regen*™ Pump

- Automatically displaces the water in the mineral tank with air during **Air*regen*™** cycle
- Adaptable to make any REPCO or Vision™ valve an **Air*regen*™** system
- **Air*regen*™** adapting kit includes **Air*regen*™** Pump, stainless steel wall bracket, hose, check valve and venturi plug
- Advantages of the **Air*regen*™** system:
  - Eliminates venturi use
  - No iron clogging venturi
  - No water waste through venturi
- Patent Pending

Air Pump (Models AP1 & AP2)

- AP1 - 115V 6ft. cord - can be operated directly off the pressure switch for 115V pumps
- AP2 - 230V 6ft. cord - can be operated directly off the pressure switch for 230V pumps
- AP1 can be operated by meter control switch box with BUB080 Meter Control in residential and commercial applications (see Meter Control and Meter Control Switch Box page)
- Bracket and Install Kit (sold separately) includes aluminum wall bracket, rubber foot kit, pressure gauge, air inlet filter, adjustable pressure relief valve, outlet air check, fittings and tubing, and inlet water check

Auto Feed Pump™ (XP004)

- Auto Position: 12V AC Auto connection operates internal 12V AC relay to start and stop Auto Feed Pump™
- Momentary On Position: can be manually operated
- Inlet and outlet tubing and accessories
- 115V 6ft. Cord
- Ideally suited for use with BUB080 Meter Control
- Operated by 12 volt output of meter control

Item No. CL-TFC35SNGNM
4-Stage Reverse Osmosis

The pressure from a household tap forces water through a Microline® semipermeable Membrane. This Membrane separates the water at the molecular level. The Membrane acts like a filter so that the Reverse Osmosis water has substantially reduced dissolved solids and impurities. This cleaner, more refined water is then stored in a holding tank, ready at your convenience. It is cost effective compared to the cost of bottled water and convenient with a tap right at the kitchen sink. Uses a 50 gallon per day membrane.

All Ultraviolet systems are equipped to inactivate chlorine-resistant parasites and viruses not visible to the naked eye.

Item No. UV-H000001
Hallet 15XS UV

Features:
- Hallett systems are suitable where certification is required or accepted in municipal or institutional, industrial or commercial, transportation and residential applications.
- Features self-cleaning Crossfire Technology.
- NSF/ANSI 55 Class A Certified
- Easy to install
- Smart Display
- Built in purge valve

Item No. VI-650694-R
UV Max D4

Features:
- The special lamp plug ensures that no one can power the UV lamp if it's not in the UV chamber.
- Lamps and sleeves are assembled together for ease of handling. They can be replaced separately, in minutes and without tools.
- Indicator lights show the status of system components. Warning lights appear when system maintenance is required.
- Our high output validated UV lamp is engineered to treat variable water conditions.
- D4 Model features 365 lamp replacement timer

Other models and sizes available for all UV brands. Contact our office for more information.

All Ultraviolet systems are equipped to inactivate chlorine-resistant parasites and viruses not visible to the naked eye.

Item No. AT-MIN9
Minipure® Ultraviolet

Features:
- Quartz sleeve protects and insulates the ultraviolet lamp
- Efficient light weight electronic ballast
- Water is ready to use as soon as it leaves the purifier- no further contact time required
- Chemical free- no chlorine taste or corrosion problems.
- Features an electronic ballast
- 3-9 Gallons per day (other models available)
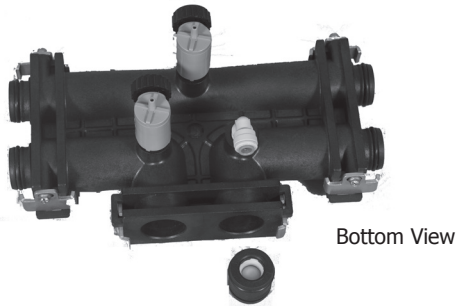
Item No. VI-S5Q-PA
Sterilight Silver

Features:
- Equipped to inactivate chlorine-resistant parasites and viruses not visible to the naked eye
- Specially designed and tested Sterilume™-EX lamps provide consistent and reliable ultraviolet output over the entire life of the lamp (9000 hours) to ensure continuous purification
- The ultraviolet lamp can be changed without interrupting the water flow
- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation.
- The Silver™ ICE power supply visually displays the remaining lamp life and will go into alarm if the lamp fails to notify the homeowner
- The power supply has a sealed case to prevent damage from accidental water intrusion

Other models and sizes available for all UV brands. Contact our office for more information.
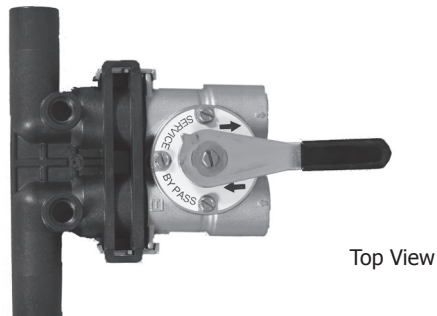
REPCO
Since 1954

Accessories

Vision™ Connection Manifold V0001

- For connecting Vision™ tank heads and valves together in series
- For use with stainless steel or plastic bypass valve
- For use with electronic Vortec meter
- For use with check valve spools (R-0006)
- Universal clip connections allow the use of both the spool connector and the 60900-41 Coupling Kit RevB
- 3- 1/4" female taps, bottom
- Meter control mounting lugs, top
- Patent Pending

Bottom View

Bypass Manifold V0004

- 1" CTS inline plumbing connection
- For use with stainless steel or plastic bypass valve
- Universal clip connections allow the use of both the spool connector and the 60900-41 Coupling Kit RevB
- 2- 1/4" female taps, top
- Patent Pending

Top View

In/Out Head V0005

- Upflow and downflow in one head
- The Vision™ In/Out Head can become either upflow and downflow by simply removing 4 screws and rotating the head 180 degrees
- Features: Connects directly to vortec meter, stainless steel bypass valve, plastic bypass valve, bypass manifold, or Vision™ connecting manifold (V0001)
- Mounting for meter control
- Inlet cavity for spool check valve (V0006)
- Threaded 1/4" FNPT on top of head in both inlet and outlet
- 1/8" connections can be tapped on either side in inlet and outlet
- Patent Pending

Spool Connector Check Valve V0006
- Available for insert into Vision™ In/Out head (V0005)
- Available for insert into Vision™ connecting manifold

Spool Connector
- Available for insert into Vision™ In/Out head (V0005)
- Available for insert into Vision™ connecting manifold

Sample Valve
- Available for use with Vision™ In/Out head (V0005)
- Available for use with Vision™ connecting manifold

Elbow Air Check Fitting
- Available for use with Vision™ In/Out head (V0005)
- Available for use with Vision™ connecting manifold

Notes

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www.represcott.com   603-772-4321   10 Railroad Ave. Exeter, NH 03833

Water Testing

As a service to our customers, we provide complimentary in-house mineral water testing. We test for hardness, iron, manganese, pH, alkalinity, chloride, and total dissolved solids (TDS). R.E. Prescott Co., Inc. provides this analysis for the information of our customers. No certifications are implied.

To request a water test kit, please contact us by phone at (603) 772-4321 or by e-mail at watertest@represcott.com

We work with a state certified laboratory to provide additional testing, including but not limited to arsenic and arsenic speciation, bacteria, radon, uranium and other SDWA tests.

It is important to have your water periodically tested for contaminants. While some contaminants will alter the odor, taste and color of water, other contaminants are odorless, tasteless and colorless and can only be detected by laboratory testing. Unhealthy levels of various contaminants are common in private wells. State and local laws generally do not require testing of private well water. If you have a private well, it is strongly recommended that you have your well water tested.

**Be Confident in the
Quality of Your Water**