

Exeterline™

R.E. Prescott Company
Water Treatment Catalog



Enter a World of Cleaner Water

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About R.E. Prescott Company

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. We create unique and innovative solutions to meet the needs of an ever-changing water system, wastewater, and water treatment marketplace. What makes a REPCO product the best is the service that comes with it and understanding the keys to the successful applications of our products.



When customers buy from the R.E. Prescott Company, they buy more than products—they buy solutions. 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. It's all part of the R.E. Prescott Company customer service experience.

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Exeterline™ Airregen™

Economical, single-tank Exeterline™ Airregen™ units use natural air oxidization plus filter media to treat low to moderate amounts of iron, manganese, and hydrogen sulfide odor. Airregen™ units do not require salt, chemicals, or external air injectors. Contaminants in water are first oxidized through a compressed air pocket, then filtered and trapped by the media bed.

Benefits of Having Iron and Odor Free Water:

- 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

Application Benefits:

- Eliminates iron, manganese, and hydrogen sulfide gas
- Standard Airregen™ units are programmed on a 12-day timer, set to regenerate on the day and time of your choice
- Filters down to 20–40 microns

Removal Process:

- The Exeterline™ Airregen™ filter can use a variety of filter medias to filter Hydrogen Sulfide gas (odor), iron and manganese

Dimensions:

Model	A	B	C	D
AR10EX-*	56	9	48	49.75
AR15EX-*	62	10	54	55.75

*Choose Filter Media

A= Overall height in inches

B= Tank diameter in inches

C= Tank height in inches

D= Inlet height in inches

(specify ¾" or 1 ¼" Yoke)

* May Require Application Engineering

Specifications:

Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
AR10EX-**	1	5.0	5.0	100
AR15EX-**	1.5	7.0	5.0	145

** Choose Filter Media

Standard Equipment Includes:

- Exeterline™ Airregen™ automatic backwashing control valve, capable of being custom tailored to your specific application (5 year Warranty)
- Poly Glass Mineral Tank (5 or 10 year warranty depending on model)
- Full 1" Internal Piping
- 1" Stainless Steel Yoke
- Full Port Plastic Bypass
- Gravel Support Bed
- A variety of medias can be used to remove iron, manganese and hydrogen sulfide gas from your drinking water.

Required Conditions:

- 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.
- Exeterline™ EX Valve required for use with Airregen™ Pump



Airregen™ Pump will be attached with wall mount bracket (image enlarged)



Crystallizer™ E Scale Prevention



The Crystallizer™ E is a natural water treatment system that uses a scale prevention media for hard water conditions. The Crystallizer™ E 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

Standard Equipment Includes:

- Bypass valve and connections sold separately
- Full 1" Internal Piping
- Upper distributor basket
- Mineral Tank
- Vision™ In/Out Head

Treatment Process:

- Water flows up through scale prevention media, SP3 converting hardness to a crystal

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



Left: Exeterline™ Crystallizer™ Head

Right: Exeterline™ Crystallizer™ Tank



Specifications:

Model #	Crystallizer™-844-E	Crystallizer™-948-E	Crystallizer™-1054-E	Crystallizer™-1252-E
Media	SP3 Scale Prevention Media			
Tank Size, In.	8x44	9x48	10x54	12x52
Overall Height, In.	47	51	57	55
Inlet Height	45.25"	49.25"	55.25"	53.25"
Pipe Size In/Out bypass	1" FNPT	1" FNPT	1" FNPT	1" FNPT
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



Exeterline™ 5E Water Softener

The Exeterline™ 5E Softener removes Hardness, Iron and Manganese in solution

Benefits of Having Soft Water:

- 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

Standard Equipment Includes:

- High Capacity Ion Exchange Resin Media
- Fiberglass Mineral Tank
- Full 1" Internal Piping
- 18"x33" Brine Tank
- Reliable automatic backwashing control valve, capable of being custom tailored to your specific application.
- All accessories for installing the 5V unit and brine tank
- Bypass valve and connections sold 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

Application Benefits:

- 5 ppm removal of iron and manganese (must be in solution)
- Standard 5E units are programmed on a 12-day timer, and are set to regenerate on the day and time of your choice
- Metered 5E units are set to regenerate upon water consumption which offers environmental and economical use of sodium or potassium

Required Conditions:

- Total iron and manganese must be less than 5 ppm
- Iron and manganese must be in solution (clear)
- 5E softeners are not filters. If a filter is required, refer to one of many Exeterline™ filters

Dimensions:

Model	A	B	C	D
5E30-2	55	9	48	49.25
5E45-2	61	10	54	55.25
5E60-2	59	12	52	53.25
5E75-2	62	13	54	55.25
5E90-2	72	14	65	66.25
5E120-2	72	16	65	66.25

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)

Specifications:

Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
5E30-2	1	7	2.0	90
5E45-2	1.5	9	2.4	120
5E60-2	2	14	3.5	160
5E75-2	2.5	14-18	4.0	190
5E90-2	3	14-25	4.0	210
5E120-2	4	14-25	5.0	260



Exeterline™ 5E Mixed Bed Softener



Benefits of Mixed Bed Softening:

- 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
- Anion mix: Used to reduce phosphates, nitrates, arsenic V and uranium

Standard Equipment Includes:

- 70% High Capacity Ion Exchange Resin Media
- 30% High Capacity Anion Exchange Resin Media
- Other ratios of ion exchange resins are available*
- Fiberglass Mineral Tank
- Full 1" Internal Piping
- 18"x33" Brine Tank
- Reliable automatic backwashing control valve, capable of being custom tailored to your specific application.
- All accessories for installing the 5E unit and brine tank
- Bypass valve and connections sold separately

Dimensions:

Model	A	B	C	D
5E30-2A30	55	9	48	49.25
5E45-2A30	61	10	54	55.25
5E60-2A30	59	12	52	53.25
5E75-2A30	62	13	54	55.25
5E90-2A30	72	14	65	66.25
5E120-2A30	72	16	65	66.25

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)

Specifications:

Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
5E30-2A30	1	7	2.0	90
5E45-2A30	1.5	9	2.4	120
5E60-2A30	2	14	3.5	160
5E75-2A30	2.5	14-18	4.0	190
5E90-2A30	3	14-25	4.0	210
5E120-2A30	4	14-25	5.0	260

Removal Process:

- A soft positively charged ion is used to remove hard water ions of calcium and magnesium scale, as well as the staining ions of iron and manganese
- Demineralization is accomplished using negatively charged anions to reduce phosphates, nitrates, arsenic V and uranium

Application Benefits:

- For removal of high concentrations of iron and manganese additional equipment may be required*
- Standard 5E mixed bed units are programmed on a 12-day timer, and are set to regenerate on the day and time of your choice
- Metered 5E mixed bed units are set to regenerate upon water consumption which offers environmental and economical use of sodium

Required Conditions:

- Iron and manganese must be in solution (clear)
- 5E mixed bed softeners are not filters. If a filter is required, refer to one of many Exeterline filters





Exeterline™ ET Tannin Softener

The Exeterline™ 5ET Tannin Softener exchanges tannins with a soft sodium ion

Benefits of Having Soft, Tannin Free Water:

- 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
- Tannin removal can prevent staining

Standard Equipment Includes:

- 70% High Capacity Ion Exchange Resin Media
- 30% High Capacity Anion Exchange Resin Media
- Other ratios of ion exchange resins are available*
- Fiberglass Mineral Tank
- Full 1" Internal Piping
- Brine Tank
- Reliable automatic backwashing control valve, capable of being custom tailored to your specific application
- All accessories for installing the 5E unit and brine tank
- Bypass valve and connections sold separately

Removal Process:

- A soft sodium ion is used to remove hard water ions of calcium and magnesium scale, as well as the staining ions of iron and manganese
- The soft sodium ion also is used for removing tannins*

Application Benefits:

- For removal of high concentrations of iron and manganese additional equipment may be required*
- Standard 5E Tannin units are programmed on a 12-day timer, and are set to regenerate on the day and time of your choice
- Metered 5EX Tannin units are set to regenerate upon water consumption which offers environmental and economical use of sodium

Required Conditions:

- Iron and manganese must be in solution (clear)
- 5E Tannin Softeners are not filters. If a filter is required, refer to one of many Exeterline™ filters

Dimensions:

Model	A	B	C	D
5E30-2T30	55	9	48	49.25
5E45-2T30	61	10	54	55.25
5E60-2T30	59	12	52	53.25
5E75-2T30	62	13	54	55.25
5E90-2T30	72	14	65	66.25
5E120-2T30	72	16	65	66.25

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)

* May Require Application Engineering

Specifications:

Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
5E30-2T30	1	7	2.0	90
5E45-2T30	1.5	9	2.4	120
5E60-2T30	2	14	3.5	160
5E75-2T30	2.5	14-18	4.0	190
5E90-2T30	3	14-25	4.0	210
5E120-2T30	4	14-25	5.0	260



Exeterline™ Up Flow



The Exeterline™ Up Flow treatment systems include stainless steel bypass and does not require backwashing

Benefits of Up Flow Neutralizing:

- Eliminates the need for backwashing valve
- Economical way of raising pH

Benefits of Up Flow Carbon:

- Eliminates the need for backwashing valve
- Economical way of using carbon

Removal Process:

- Acidic water slowly dissolves the Neutralite media to raise pH and increase alkalinity
- 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

Standard Equipment Includes:

- 1" Stainless Steel Bypass
- Full 1" Internal Piping
- Fiberglass Mineral Tank
- Multiple filter medias available*

Required Conditions for Up Flow Neutralizing:

- Works effectively on water having a pH range of 6.0 or greater
- For pH levels lower than 6.0, a blend of Corosex is added for improved performance, signified by an X model number
- The mineral will slowly dissolve and become depleted over time and will need to be replenished
- A slight increase in hardness will result when the EUFA unit is operating correctly. If hardness is a problem, then a Exeterline™ water softener should be considered
- For sediment, iron and manganese, pre-filtration is required

Required Conditions for Up Flow Carbon:

- Caution, when used where radon or radio nuclides are present, carbon may be a radiation hazard*



Left: Exeterline™ Up Flow head

Below: Exeterline™ Upflow System



Specifications:

Model #	VUF 10-*	VUF 15-*	VUF 20-*	VUF 25-*
Media	Selection per application (See Filter Media Page)			
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	5.0	7.0	12.0	15.0
Service Flow, GPM 3 Minute Contact Time	2.5	3.75	5.0	6.25
Shipping Weight, lbs.	105	155	205	255
Mineral Volume, Ft.3	1	1.5	2	2.5

*Carbon (C) or Acid Neutralizer (A) and other filter medias available. See filter media page.



Exeterline™ EA Acid Neutralizer

The Exeterline™ EA Acid Neutralizer raises pH and Alkalinity

Benefits of pH Balanced Water:

- Eliminates corrosion in the plumbing system, stopping fixture deterioration, pinhole leaks, and blue staining
- Clearer water at the tap
- Prevents costly repairs of plumbing fixtures as well as general maintenance, adding years to the life of your home

Standard Equipment Includes:

- Crushed and screened white marble limestone neutralizing media known as "Neutralite"
- Fiberglass Mineral Tank
- Full 1" Internal Piping
- Reliable automatic backwashing control valve, capable of being custom tailored to your specific application.
- Bypass valve and connections sold separately

Removal Process:

- Acidic water slowly dissolves the Neutralite media to raise pH and increase alkalinity

Dimensions:

Model	Model	A	B	C	D
10EA	10EAX	55	9	48	49.25
15EA	15EAX	61	10	54	55.25
20EA	20EAX	59	12	52	53.25
25EA	25EAX	61	13	54	55.25

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)

Specifications:

Model	Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
10EA	10EA-X	1	5.0	5.0	110
15EA	15EA-X	1.5	7.0	5.0	160
20EA	20EA-X	2	12.0	8.0	210
25EA	25EA-X	2.5	15.0	10.0	260

Application Benefits:

- Neutralite increases alkalinity and raises low pH in the water to correct for acidic conditions
- There is no need for chemicals, eliminating regeneration – only periodic backwashing is required
- VA units are programmed on a 12-day timer, and are set to regenerate on the day and time of your choice
- Filters down to 20 – 40 micron

Required Conditions:

- Works effectively on water having a pH range of 6.0 or greater
- For pH levels lower than 6.0, a blend of Corosex is added for improved performance, signified by an -X model number
- The mineral will slowly dissolve and become depleted over time and will need to be replenished
- A slight increase in hardness will result when the EA unit is operating correctly. If this is a problem, then an Exeterline™ water softener should be considered



Exeterline™ EB Birm Filter



The Exeterline™ EB unit uses dissolved oxygen naturally present in your water to oxidize and filter iron and manganese

Benefits of Having Iron Free Water:

- 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

Standard Equipment Includes:

- A black media called Birm is used for removing iron and manganese from your drinking water
- Fiberglass Mineral Tank
- Full 1" Internal Piping
- Reliable automatic backwashing control valve, capable of being custom tailored to your specific application
- Swivel valve for easy plumbing and service
- Bypass valve and connections sold separately

Removal Process:

- The Exeterline™ EB filter media acts as an insoluble catalyst to enhance the reaction between dissolved oxygen (D.O.) and the iron and manganese compounds

Dimensions:

Model	A	B	C	D
10EB	55	9	48	49.25
15EB	61	10	54	55.25
20EB	59	12	52	53.25
25EB	61	13	54	55.25

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)

* May Require Application Engineering

Specifications:

Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
10EB	1	5.0	5.0	60
15EB	1.5	7.0	5.0	85
20EB	2	12.0	8.0	110
25EB	2.5	15.0	12.0	135

Application Benefits:

- Birm eliminates iron and manganese
- Birm possesses a long material life, a wide temperature range, and extremely high removal rates
- No need for caustic chemical regeneration
- Standard EB units are programmed on a 12-day timer, and are set to regenerate on the day and time of your choice
- Filters down to 20 – 40 micron

Required Conditions:

- Influent water must not be corrosive
- For corrosive conditions, see Exeterline™ model EM
- Influent water must contain no hydrogen sulfide gas
- See Exeterline™ model EG for water containing hydrogen sulfide gas
- 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
- Applications for manganese removal should have a pH of 8.5 or greater*
- Periodic backwash is required, no regeneration needed





Exeterline™ E-CS Coconut Shell Carbon Filter

The Exeterline™ E-CS Coconut Shell Carbon Removes Bad Taste, Chlorine, Chloramine, Odor and V.O.C.'s

Benefits of Carbon Filtration:

- 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
- CO2 produced by manufacturing process is removed by the coconut trees making it environmentally sustainable

Standard Equipment Includes:

- High performance Coconut Shell activated carbon media
- Other Carbon options available
- Fiberglass Mineral Tank
- Full 1" Internal Piping
- Reliable automatic backwashing control valve, capable of being custom tailored to your specific application.
- Bypass valve and connections sold separately

Dimensions:

Model	A	B	C	D
10E-CS	55	9	48	49.25
15E-CS	61	10	54	55.25
20E-CS	59	12	52	53.25
25E-CS	61	13	54	55.25

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)

* May Require Application Engineering

Specifications:

Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
10E-CS	1	5.0	5.0	90
15E-CS	1.5	7.0	5.0	120
20E-CS	2	12.0	8.0	160
25E-CS	2.5	15.0	10.0	200

Removal Process:

- 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

Application Benefits:

- Well suited for chlorine removal treatment in public water supplies.
- Standard ECS units are programmed on a 12-day timer, and are set to regenerate on the day and time of your choice
- Metered ECS units are set to regenerate upon water consumption which offers environmental and economic use of the bed life and backwash water
- Filters down to 20 – 40 micron

Required Conditions:

- Backwash at 10 GPM per ft2
- Caution, when used where radon or radio nuclides are present, carbon may be a radiation hazard*



Exeterline™ EG Greensand Filter



The Exeterline™ EG unit uses dissolved oxygen naturally present in your water to oxidize and filter hydrogen sulfide gas (odor), iron and manganese

Benefits of Having Iron Free Water:

- 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

Standard Equipment Includes:

- A purple/grey media called Greensand Plus is used for removing iron, manganese and hydrogen sulfide gas from your drinking water
- Fiberglass Mineral Tank
- Full 1" Internal Piping
- Reliable automatic backwashing control valve, capable of being custom tailored to your specific application.
- Bypass valve and connections sold separately

Removal Process:

- The Exeterline™ EG filter uses catalytic oxidation to filter hydrogen sulfide gas (odor), iron and manganese

Application Benefits:

- Greensand Plus eliminates iron, manganese, and hydrogen sulfide gas
- Standard EG units are programmed on a 12-day timer, and are set to regenerate on the day and time of your choice
- Filters down to 20 – 40 micron

Required Conditions:

- Influent water must not be corrosive
- For corrosive conditions see Exeterline EA models or use EGX models, A Catalite™ blend of Greensand Plus and Neutralite
- Influent water must possess sufficient dissolved oxygen
- If dissolved oxygen is not present consider the use of the REPCO Revolution, EI-FA filter, or Air Pump System
- Applications for manganese up to 10% of the total iron, must have a pH greater than 7.0*
- A pH of 8.5 or greater is required for any manganese : iron ratio
- Periodic backwash is required, no regeneration needed

Dimensions:

Model	Model	A	B	C	D
10EG	10REX	55	9	48	49.25
15EG	15REX	61	10	54	55.25
20EG	20REX	59	12	52	53.25
25EG	25REX	61	13	54	55.25

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)

* May Require Application Engineering

Specifications:

Model	Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
10EG	10EG-X	1	5.0	5.0	100
15EG	15EG-X	1.5	7.0	5.0	145
20EG	20EG-X	2	12.0	8.0	190
25EG	25EG-X	2.5	15.0	10.0	235





Exeterline™ EI-FA Iron Filter

The Exeterline™ EIFA units oxidize and filter sulfur odor (hydrogen sulfide gas), iron and manganese

Benefits of Iron / Odor Free Water:

- 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

Standard Equipment Includes:

- A purple/grey media called Greensand Plus is used for removing soluble iron, manganese and hydrogen sulfide gas from well water
- Fiberglass mineral tank
- Full 1" Internal Piping
- 10"X 16" blue pot perm tank
- Reliable automatic backwashing control valve, capable of being custom tailored to your specific application
- All accessories for installing the EIFA unit and pot perm tank
- Bypass valve and connections sold separately

Removal Process:

- The Exeterline™ EI-FA filter oxidizes and filters hydrogen sulfide gas (odor), iron and manganese by using a potassium permanganate solution to regenerate the Greensand Plus with oxygen

Application Benefits:

- Greensand Plus eliminates iron, manganese, and hydrogen sulfide gas
- Standard EIFA units are programmed on a 12-day timer, and are set to regenerate on the day and time of your choice
- Filters down to 20 – 40 micron

Required Conditions:

- Influent water must not be corrosive
- For corrosive conditions, Exeterline EA models
- Cubic foot capacities at 1ppm:
 - Iron alone 10,000 gallons
 - Iron and Manganese 7,000 gallons
 - Hydrogen Sulfide Gas 3,000 gallons
- Batch regenerate before total exhaustion with 2-4 oz. of Pot Perm per cubic foot of media

Dimensions:

Model	A	B	C	D
10EI-FA	55	9	48	49.25
15EI-FA	61	10	54	55.25
20EI-FA	59	12	52	53.25
25EI-FA	61	13	54	55.25

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)

* May Require Application Engineering

Specifications:

Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
10EI-FA	1	5.0	5.0	110
15EI-FA	1.5	7.0	5.0	160
20EI-FA	2	12.0	8.0	210
25EI-FA	2.5	15.0	10.0	260



Exeterline™ EM Multi-Media Filter



The Exeterline™ EM unit uses a multi-media blend to correct for Iron, Manganese, Low pH and Turbidity

Benefits of Problem Free Water:

- Filtering iron and manganese will prevent reddish brown or black staining in the bathroom and kitchen accessories
- Correcting low pH will prevent corrosion of your water system and accessories
- Filtering out turbidity problems will result in clearer, cleaner drinking water
- Multi-media filters save the expense of extra equipment by using a combination of minerals in one filter to remove these problems

Standard Equipment Includes:

- A mixed media composed of Birm, Filter-Ag and 80/20 neutralizer blend
- Fiberglass mineral tank
- Full 1" Internal Piping
- Reliable automatic backwashing control valve, capable of being custom tailored to your specific application
- Bypass valve and connections sold separately

Removal Process:

- The Exeterline EM filter media is a catalyst to enhance the reaction between dissolved oxygen (D.O.) and the iron and manganese compounds for filtration as well as correct pH and filter turbidity

Application Benefits:

- Raises pH, filters iron and manganese as well as corrects for turbidity problems
- No need for caustic chemical regeneration
- Standard EM units are programmed on a 12-day timer, and are set to regenerate on the day and time of your choice
- Filters down to 20 – 40 micron

Required Conditions:

- Influent water must contain no hydrogen sulfide gas
- See Exeterline model EG for water containing hydrogen sulfide gas
- Influent water must have a D.O. content equal to at least 15% of the iron content with a pH of 6.0 or greater
- Water having a low D.O. content level or hydrogen sulfide gas, may be pre-treated by a REPCO Revolution, or Air Pump
- Applications for manganese up to 10% of the total iron, must have a pH greater than 7.0*
- Applications for Manganese alone must have a pH of 8.5 or greater
- Periodic backwash is required, no regeneration needed

Dimensions:

Model	A	B	C	D
10EM	55	9	48	49.25
15EM	61	10	54	55.25

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)

* May Require Application Engineering

Specifications:

Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
10EM	1	5.0	5.0	85
15EM	1.5	7.0	5.0	110





Exeterline™ ES Sediment Filter

The Exeterline™ ES unit uses special filtering media to curb sediment

Benefits of Sediment Free Water:

- Free pipes and plumbing fixtures from clogging and buildup
- Less filter cartridges to change, saving you money in the long run
- Longer life of all water using appliances and fixtures

Standard Equipment Includes:

- A light grey media called Filter-Ag or Filter-Ag Plus are used for filtering sediment from your water
- Fiberglass Mineral Tank
- Full 1" Internal Piping
- Reliable automatic backwashing control valve, capable of being custom tailored to your specific application
- Bypass valve and connections sold separately

Removal Process:

- The Exeterline™ ES Filter-Ag and ESP Filter-Ag Plus filter media granules have irregular surface characteristics affording maximum removal of suspended matter throughout the filter media bed

Dimensions:

Model	A	B	C	D
10ES/10ESP	55	9	48	49.25
15ES/15ESP	61	10	54	55.25
20ES/20ESP	59	12	52	53.25
25ES/25ESP	61	13	54	55.25

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)

* May Require Application Engineering

Specifications:

Model	Mineral Volume (Ft.3)	Peak Flow (GPM)	Backwash Rate (GPM)	Shipping Weight (Lbs)
10ES/10ESP	1	5.0 / 9.0	5.0 / 9.0	40 / 65
15ES/15ESP	1.5	7.0 / 12.0	5.0 / 12.0	55 / 90
20ES/20ESP	2	12.0 / 15.0	8.0 / 15.0	70 / 115
25ES/25ESP	2.5	15.0 / 18.0	10.0 / 18.0	85 / 140

Application Benefits:

- Filter-Ag and Filter-Ag Plus remove sediment and suspended matter in your water
- Less pressure loss as compared to other filtering medias
- High service flow rates offer lower equipment costs and savings in space
- High capacity media does not need to be backwashed as often, also resulting in water and energy savings
- Replacement of sand filtering media with Filter-Ag media will typically increase efficiency by as much as 100% or more
- Standard ES and ESP units are programmed on a 12-day timer, and are set to backwash on the day and time of your choice
- Filter-Ag can filter down to 20 – 40 micron
- Filter-Ag Plus can filter down to 5 micron

Required Conditions:

- Backwash flow rates:
 - Exeterline™ ES: 8-10 GPM/ft.2*
 - Exeterline™ ESP: 15-20 GPM/ft.2*
- Bed Depth of 24-36 inches
- Backwash expansion of 35-50% of bed depth
- Service flow rates:
 - Exeterline™ ES: 5 GPM/ft.2*
 - Exeterline™ ESP: 12-20 GPM/ft.2*





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



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