



PRODUCTS FOR QUALITY WATER

RUSTY™

IRON REMOVAL SYSTEM

RUSTY GOES GREEN!

*No harsh chemicals or corrosive salts,
just Air and Water.*

***Remove Iron, Manganese
and Hydrogen Sulfide
from your water
efficiently and economically.***

RUSTY uses the latest technology to improve the quality of your water, and the quality of your life. Iron causes a number of problems. While Iron is not considered hazardous to your health, it is considered an aesthetic contaminant.

The RUSTY Iron Removal System . . .

- Eliminates the reddish-brown stains of Iron in your sinks, tubs and other fixtures
- Eliminates the dark gray or black stains of Manganese
- Stops the rotten egg odor caused by Hydrogen Sulfide in your water
- Stops glasses and dishware from developing a yellow tint or spots
- Helps to brighten the whites and colors in your laundry
- Removes the slight metallic taste and odor



***After oxidizing the Iron and filtering it out of the water,
the treated water is ready for use in your home, drink***

- Removes the slight metallic taste and odor.
- Helps to keep pipes open, unclogged.

Available in two models . . .

RUSTY is available in two models. One removes Iron and Manganese, using BIRM® filter medium. The second, which uses Centaur® Carbon, is designed to treat taste and odor problems, particularly Hydrogen Sulfide.

No Harsh Chemicals or Salts . . .

RUSTY eliminates these contaminants without the use of salts or harsh chemicals. The system does the job using only air and water. The control valve is a patented design specifically for the oxidation of Iron in water.

Using a slightly larger than normal tank enables the valve to inject air into the tank, creating an air bubble at the top of the tank. Water in the tank, compresses the air. Raw water enters the tank, passing through the compressed air and exposing the Iron to the air. The Iron in the water oxidizes, making it easy for the filter medium to remove the Iron from the water.

king, cooking, bathing and cleaning – without the stains.

Air, Water & Chemical-free Filtration

The recommended filter media for RUSTY are BIRM® and CENTAUR® carbon. Both are efficient and economical media for the reduction of dissolved Iron, Manganese, and Hydrogen Sulfide from water.

BIRM acts as an insoluble catalyst to enhance the reaction between dissolved Oxygen and the Iron compounds.

Centaur carbon, produced from bituminous coal, is ideal for treating drinking water with Hydrogen Sulfide, which causes a rotten egg odor.

Both are easily cleaned by backwashing to promote longer service life, providing an economical filter medium.



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Iron Removal System

Model # with BIRM with Centaur Carbon	DWF1AIRB DWF1AIRC	DWF112AIRB DWF112AIRC	DWF2AIRB DWF2AIRC	DWF212AIRB DWR212AIRC
Tank Size	10 x 54	12 x 52	13 x 54	14 x 65
Backwash (gpm)	6	9	10	12
Service (gpm)	3	4	5	6
Peak (gpm) (Max: 10 minutes)	4	5	6	7

Advantages of BIRM

- Primary application is to remove Iron from water.
- Under proper conditions, purchasing of chemicals is not necessary maintenance and regeneration is not required.
- Iron removal efficiency is extremely high.
- Negligible labor cost; only periodic backwashing required.
- Weighs only 44 to 50 lbs/cu ft.
- Durable material with a long life and wide temperature range.
- pH must be 7.0 or higher

Advantages of Centaur Carbon

- Outstanding material for removal of taste, odor and dissolved organic chemicals from water.
- Works well when used with air as an oxidant.
- Excellent for use when Sulfur is present in the water.
- Large surface area provides high capacity and efficiency.
- Service rates of 5gpm/sq ft are practical for ordinary taste, odor.

YOUR D.W.O. DEALER:

YOUR DWC DEALER:



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