

# PENTEK RFFE10-BB, RFFE20-BB RADIAL FLOW IRON REDUCTION CARTRIDGE

IMPROVES WATER TASTE AND PROVIDES PLUMBING PROTECTION



The Pentair<sup>‡</sup> Pentek<sup>‡</sup> RFFE10-BB and RFFE20-BB Filter Cartridges are designed to provide an easy and effective method of reducing dissolved iron from water, which greatly improves the taste.

This cartridge helps to eliminate the orange and brown stains often found in sinks, toilets, tubs and other plumbing fixtures. It also reduces the possibility of damage to pipes and water heaters and reduces up to 3 ppm dissolved iron.

It adds no harmful chemicals to the water, making it completely safe for drinking water applications.

The Pentek RFFE20-BB Cartridge is designed for use in the Pentek 20-inch Big Blue Filter Housing and should be installed on the main cold water line after the pressure tank or water meter. The RFFE10-BB Cartridge is designed for use in the Pentek 10-inch Big Blue Filter Housing. For best results, pre-sediment and post-carbon treatment is recommended.

## FEATURES/BENEFITS

Easily and effectively reduces up to 3 ppm of dissolved iron from water

Improves flavor and reduces the metallic taste caused by iron

Reduces the possibility of pipe and water heater damage

For use in Pentek 10- and 20-inch Big Blue filter housings

## RECOMMENDED OPERATING CONDITIONS

pH – >7.0

Silica – <100 ppm

Manganese – <1 ppm

Iron – <3 ppm

Iron Bacteria – None

Hydrogen Sulfide – None

## SPECIFICATIONS AND PERFORMANCE

| MODEL #   | PART #    | RATING (NOMINAL)* |
|-----------|-----------|-------------------|
| RFFE10-BB | 655005-43 | NR                |
| RFFE20-BB | 155263-43 | NR                |

| APPROXIMATE LIFE OF SYSTEM* |                          |                       |                      |                     |
|-----------------------------|--------------------------|-----------------------|----------------------|---------------------|
| IRON LEVEL IN WATER         | TOTAL GALLONS WATER USED | 250 GPD (FOUR PEOPLE) | 125 GPD (TWO PEOPLE) | 75 GPD (ONE PERSON) |
| 3 ppm                       | 26,000 gal               | 104 days              | 208 days             | 416 days            |
| 2 ppm                       | 40,000 gal               | 160 days              | 320 days             | 640 days            |
| 1 ppm                       | 80,000 gal               | 320 days              | 640 days             | 1,280 days          |
| 0.5 ppm                     | 160,000 gal              | 640 days              | 1,280 days           | N/A                 |

\*Test results were obtained by using the Pentek RFFE20-BB in combination with an RFC20-BB Cartridge.

NOTES: Water conditions outside of the above specified limits may lead to a shortened filtration life. If you water contains iron bacteria, shock chlorination is recommended. Cartridges may contain a very small amount of carbon fines (very fine black powder). After installation, follow the instructions for flushing the cartridge to remove the fines before using the water. You should flush the tap at least 20 seconds prior to using water for drinking or cooking purposes. This is particularly important if the tap has not been used daily.

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

CAUTION: Protect against freezing to prevent cracking of the filter and water leakage.



### WATER QUALITY SYSTEMS

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