



Apflex™ Series RFFE20-BB

Radial Flow Iron Reduction FILTER CARTRIDGES

Apflex™ Series RFFE20-BB Radial Flow Iron Reduction Cartridges easily and effectively reduce up to 3 ppm of dissolved iron from water to improve flavor by reducing the metallic taste caused by iron.

APPLICATIONS

- Commercial Drinking Water Filtration
- Residential Drinking Water Filtration

CARTRIDGE OPERATION

Apflex™ Series RFFE20-BB Filter Cartridges are designed to provide an easy and effective method of reducing iron from water, which greatly improves its taste. These cartridges help to eliminate the orange and brown stains often found in sinks, toilets, tubs and other plumbing fixtures. They also reduce the possibility of damage to pipes and water heaters and reduce up to 3 ppm dissolved iron.

FEATURES

- Reduces the possibility of pipe and water heater damage
- For use in Pentair 20-inch Big Blue® filter housings
- Adds no harmful chemicals to the water, making it completely safe for drinking water applications
- Installs on the main cold water line after the pressure tank or water meter
- For best results, pre-sediment and post-carbon treatment is recommended

SPECIFICATIONS

Component	Material/Value
Filter Media	Permanganate Treated Zeolite
Endcaps	Polypropylene
Shell	Polypropylene
Pre-Filter	Polypropylene
Post-Filter	Polypropylene
Gaskets	Buna-N®
Temperature Rating	40°F (4.4°C) – 100°F (37.8°C)



**Pentair
Industrial**

Apflex™ Series RFFE20-BB Filter Cartridges

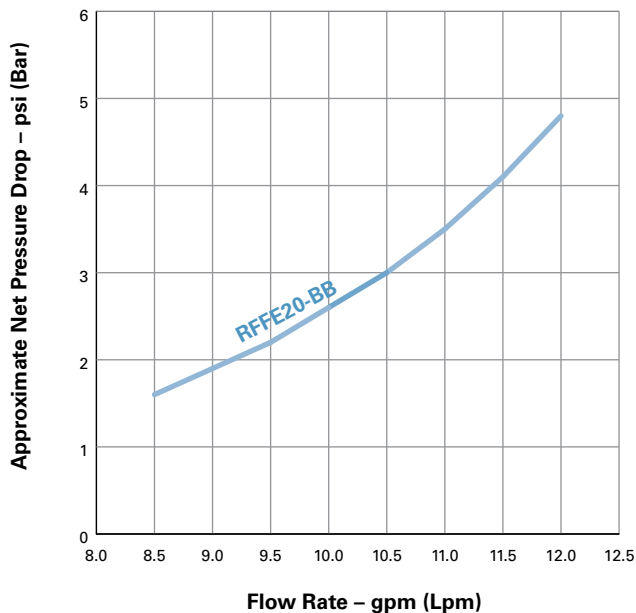
APPROXIMATE LIFE OF SYSTEM*

Iron Level in Water	Water Used	250 GPD (Four People)	125 GPD (Two People)	75 GPD (One Person)
5 ppm	16,000 gal	64 days	128 days	256 days
4 ppm	20,000 gal	80 days	160 days	320 days
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	1280 days
0.5 ppm	160,000 gal	640 days	1280 days	N/A

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

TEST DATA

Apflex™ Series RFFE20-BB Radial Flow Iron Reduction Cartridge Water Flow Rate



Recommended Operating Conditions	
pH	>7.0
Silica	<100 ppm
Manganese	<1 ppm
Iron	<3 ppm
Iron Bacteria	None
Hydrogen Sulfide	None

NOTE: Water conditions outside of the above specified limits may lead to a shortened filtration life. If your water contains Iron Bacteria, shock chlorination is recommended.

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

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

NOTE: The RFFE20-BB and RFC20-BB cartridges will contain a very small amount of fines (very fine powder) and new cartridges, after installation, should be flushed with sufficient water to remove all traces of fines from your water system before use.



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