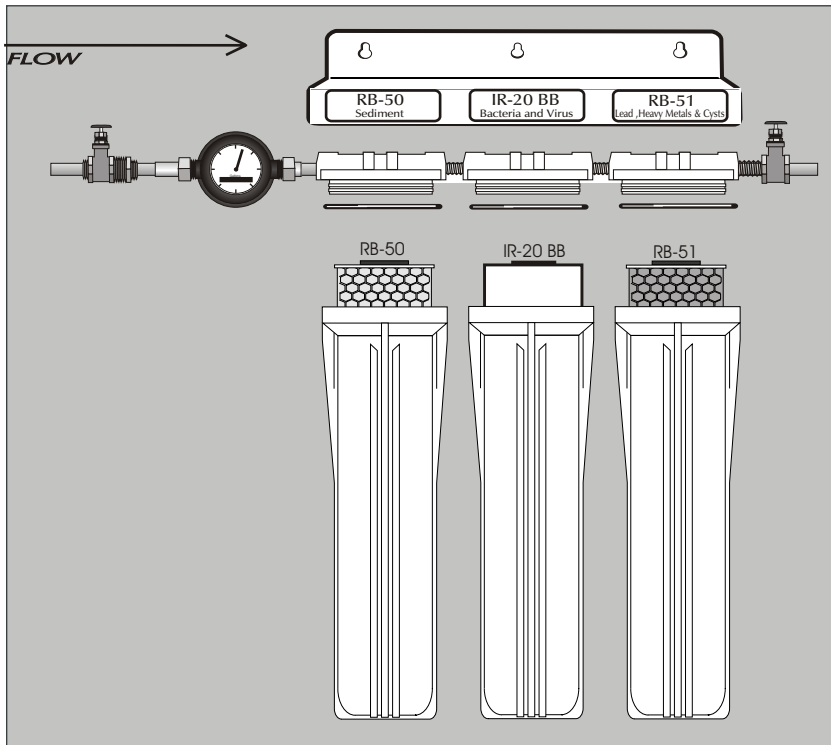


# COMMERCIAL FILTRATION/PURIFICATION SYSTEM: BDC 3000~BB

## BDC 3000-BB: A Three Stage Filtration/Purification System for Commercial Applications



The 3000-BB is designed for commercial applications where both general filtration and a method of purification are required. The system incorporates various media with iodinated resin to microbiologically purify your water. This is the same advanced water purification technology relied upon by NASA, the Red Cross, and US Embassies around the world.

The 3000-BB treats water in a three-stage process. First, a sediment filter\* removes dirt, debris, and other sediment particles down to 10 microns in size. Next, the purification cartridge\* works to destroy waterborne bacteria and viruses and finally, a third filtration cartridge removes additional organic contaminants and any particles as small as 5 microns in size. The system's flow meter provides a simple method for recording water usage and assists in determining the need for cartridge replacement.

Much more than a simple filtration process, the 3000-BB actually purifies the water at the main, providing total water treatment with its unique, multi-stage design.

\*The words 'filter' and 'cartridge' are used interchangeably

## Operating Specifications

Specification	Metric	American Standard
Dimensions	64h x 16.5d x 91w (cm)	25h x 6.5d x 36w
Weight	29.5kg	65 lbs.
Flow Rate*	up to 45 liters/minute	up to 12 gallons/minute
Operating Temp.	4.4°C - 32°C	40°F - 90°F
Operating Pressure	1,750 g/mm <sup>2</sup> minimum 5,600 g/mm <sup>2</sup> maximum	24 PSI minimum 80 PSI maximum
Applications	Cold Water Applications Only! Point of Entry and Point of Use	

\*Depends on incoming line pressure and flow.

NOTE: Flow meter volume is listed in US Gallons, 264 Gallons = 1,000 Liters

## Cartridge Capacities

Item	Cartridge	Maximum Capacity	Time
RB-50	10.0 micron Carbon Block	30,000 - 75,000 Liters	12 months
IR-20BB	Purification Cartridge	1,000,000 - 1,200,000 Liters	24 months
RB-51	5.0 micron Cartridge	40,000 - 75,000 Liters	12 months

\*capacities are approximations and actual service needs are dependent upon the quality of raw water source.

### IMPORTANT:

The 3000-BB System is designed to be used with relatively clear water. Using the system to filter extremely dirty or discolored water will cause pre-mature fouling and/or clogging and will significantly reduce both system and cartridge capacity.

## The B. David Company, Inc.

9333 Sheridan Avenue South, Bloomington, MN 55431-2440  
Ph: (952) 884-8417 Fx: (952) 884-1693 Email: Ribnick@aol.com