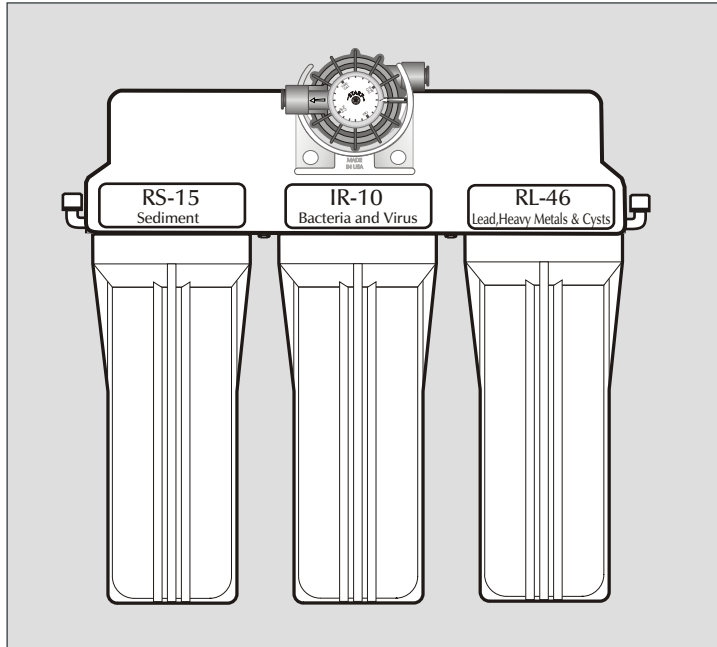


RESIDENTIAL FILTRATION/PURIFICATION SYSTEM: BDU~300

BDU-300: A Three Stage Filtration/Purification System for Residential Applications



The BDU-300 is designed to be mounted under the counter in residential 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. It requires no external power source and produces no waste. This is the same advanced water purification technology relied upon by NASA, the Red Cross, and US Embassies around the world.

The BDU-300 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, lead, heavy metals, cysts and any particles as small as 1 micron 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 BDU-300 actually purifies water, 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	33h x 14d x 41w (cm)	13h x 5.5d x 16w
Weight	5kg	11 lbs.
Flow Rate*	1.9 Liters/minute	.5 gallons/minute
Water Pressure	244 - 621 Kilopascals	35 - 90 (PSIG)
Operating Temp.	4.4°C - 32°C	40°F - 90°F
Cartridge Capacity	6,500 Liters	1,710 Gallons
Applications	Cold Water Applications Only! 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	Maximum Usage
RS-15	10 m Sediment Filter	change as needed	12 months
IR-10	Purification Cartridge	6,500 Liters / 1,710 Gallons	12 months
RL-46 (1mL)	1 m Cartridge	5,670 Liters / 1,500 Gallons	12 months

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

IMPORTANT:

The BDU-300 System is designed to be used with 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.

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