R.O. WATER PURIFIERS · DIRECT FLOW (HIGH FLOW)

HF BB-1200 (High Flow) Water Purifier

Direct-flow reverse osmosis · 1,200 GPD · 2 × 600 GPD membranes · 20" BigBlue housings

Direct-flow reverse osmosis water purifier with 20" BigBlue filter housings, a 1,200 GPD pump and 2 × 600 GPD membranes for very high output.

The large-diameter BigBlue pre-filters give a long service life at high flow; the unit operates automatically with a solenoid valve and a 10 bar gauge shows the operating pressure.



CAPACITY **1.200** GPD (4,542 L/day)	FILTRATION **4** stages
MEMBRANE **2 ×** 600 GPD	PUMP **1.200** GPD

01 FILTRATION STAGES

Stage	Filter	Function	Replace
Stage 1	20" BigBlue Sediment 5 µm	Retains sand, rust and sediment	6 – 12 months
Stage 2	20" BigBlue CTO Carbon	Reduces residual chlorine and organics	6 – 12 months
Stage 3	2 × 600 GPD Membrane	Separates dissolved salts and contaminants	12 – 24 months
Stage 4	2.5" Inline Post Carbon (Quick-connect)	Polishes taste and odour as the final stage	6 – 24 months

Replacement intervals are typical values and depend on water quality and usage.

02 OPERATING CONDITIONS

Feed water pressure	1 – 4 bar (with pump)
Feed water temperature	5 – 38 °C (41 – 100 °F)
Feed water TDS	Max. 500 ppm
Feed water pH	3 – 11
Power supply	220 – 240 V AC, 50 Hz
Pump supply	36 V DC (via adapter)

03 TECHNICAL SPECIFICATIONS

Stock code	3-07-HF1200BB
Filter housing	20" BigBlue housing
Pump	1.200 GPD
Membrane	2 × 600 GPD
Faucet	Luxury faucet
Valve	Solenoid valve
Pressure gauge	10 bar
Warranty / service life	2 years / at least 10 years

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04 FEATURES

- Direct flow: tankless, always fresh water
- Very high 1,200 GPD capacity
- 20" BigBlue pre-filters
- Automatic operation with solenoid valve
- Pressure monitoring with 10 bar gauge

05 APPLICATIONS

- Busy offices and workplaces
- Cafés, restaurants and commercial kitchens
- Schools, dormitories and clinics
- Large households and multi-point use

06 INSTALLATION AND MAINTENANCE

01 Shut the cold water valve; fit the connection kit (feed adapter) to the cold water line.

02 Drill the worktop first with a 5 mm, then a 12 mm bit and mount the faucet.

03 Connect the inlet, faucet and drain tubing; plug in the adapter.

04 Open the valve and on first start-up flush the system by running the faucet for a few minutes.

> Do not connect the unit to hot water (above 40 °C). Replace the filters at least once a year; if the unit is not used for more than a month, close the inlet valve and unplug the adapter.

07 LOGISTICS

Model	Box Size (mm)	Box Weight
HF 1200	360 × 455 × 820	26.50 kg

Vehicle	Pallets	Boxes / Pallet	Palletised	Loose
20' Container	10	12	120 pcs	246 pcs
40' DC Container	20	12	240 pcs	500 pcs
40' HC Container	20	18	360 pcs	567 pcs
Curtain-side Truck	26	18	468 pcs	671 pcs

Pallet size: 100 × 120 cm (ISO pallet).





The technical values in this document are for information purposes only and were obtained under standard test conditions. Actual performance may vary depending on water quality, temperature, pressure and operating conditions. HSC Water reserves the right to change technical specifications without prior notice as part of ongoing product development.

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