



**TRUE REVERSIBLE DESIGN**

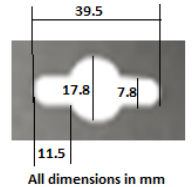
# TWIN 20" BIG JUMBO FILTER + UV90 PACKAGE

## TWIN 20" Jumbo + UV90 (model "20BTWINUV90")

### APPLICATION

Domestic applications for filtering (by using appropriate filter cartridges) & UV treatment of water from rainwater tank, bore, dam, river, town mains water supply.

UV with its strong germicidal ability, is known 99.99% effective disinfectant for water with bacteria, viruses & protozoans like Giardia lamblia cysts, cryptosporidium oocysts.



All dimensions in mm

### DESIGN FEATURES:

- Filter housing comply with **NSF** NSF/ANSI 42, 58. CSA B483.1.
- Filter housing made of **premium grade FDA approved** material.
- Filter housing has **Double "O" ring design with rugged ribs & special threads** for better sealing, higher strength & durability
- **With Non-Rusting TRUE REVERSIBLE heavy duty SS bracket**
- **Unit comes with high output premium quality UV lamp**
- **Ballast unit has UV Lamp failure alarm & lamp replacement LED countdown display.**
- **Supplied with pressure release button, spanner & 1" Isolating ball valve to be installed by installer.**
- **2 year warranty on filter housing only, and 1 year (pro- rata) warranty on lamp & sleeve, subject to correct installation & use (filter cartridges & consumable are not covered in warranty)**



Product photo & specs are indicative only & may differ from actual product. Wallace reserves right to change any time w/o any notice

### TECHNICAL DETAILS:

UV Chamber material	S/Steel (304)	Inlet/Outlet Port Size	1" / 25mm
Press/temp for UV & Hsg.	125psi / 860kPa. 4°C to 38°C.	Supply Voltage / UV Lamp	110-250V /
Press/temp for filters	100psi / 690kPa. 4°C to 38°C.	Watt / Power consumption	45W / 56W
1 <sup>st</sup> & 2 <sup>nd</sup> stage filters	20µ Pleated & 1µ Poly-Spun	Replacement UV Lamp /	UVLAMP90 /
Flow via UV @40mj/cm2	70 lpm	Quartz Sleeve	UVSLEEVE90
Flow via UV @30mj/cm2	90 lpm	Replacement Ballast	UVBALLAST90
Flow via UV @16mj/cm2	170 lpm	Average UV Lamp Life	Up to 13,000 hrs
Overall Dimensions & wt.	(With packing & empty):- 880 mm L X 750 mm H X 250 mm D / 23.0 KG		

### CAUTION & WARNINGS:

Filter Housings & UV must be protected from Water Hammer, Rain, Heat, Freezing & direct Sunlight & Freezing. • To protect filter housing &/or filter cartridge, &/or fittings, taps, plumbing in dwelling, a pressure limiting valve (generally set for < 500 kPa pressure) must be installed on incoming water supply pipe before connecting to inlet of filter housing. • Use on cold water of 4°C to 38°C temp only. • Use PTFE thread seal tape only • Use of pipe sealant will void warranty. • Too much tape or over-tightening may cause head to split. • Use silicon based lubricant on "O" rings & sump threads before installing sump to head to get proper sealing. • Do not use PVC pipe or fitting on UV outlet. • Install backflow prevention where required as per regulations. • Check regularly for any leakage &/or deterioration & replace when necessary. • To avoid water damage, install unit in location with safe natural drain &/or provide drain pan plumbed to safe drain. • Turn off water supply & UV if no one home. • Do not use with microbiologically unsafe or unknown quality water without adequate treatment. • Installation must be done by person licensed to do so & as per local rules & regulations