

System Specification :

Model No.	: UV/HC – 1,000; 2,000
Make	: Chemtronics [®]
Flow Rate	: 1,000; 2,000; (LPH)
Purifier Housing	: Powder coated
Inlet & Outlet Connection	: 1" BSP
Flow Controller	: Brass SV – 230 Volts
Dry Run Sensor	: Float Type Potential Free
Standby Sensor	: Float Type Potential Free
Rota meter	: 0 – 2,000 / 0 – 5,000 LPH
Inlet Flow	: 1,500; 3,000 LPH (min.)
Inlet Pressure	: 0.5 Kg/cm ² (min)/2.0 Kg/cm ² (max)
Mounting	: Floor
Indicator	: Power/UV/Standby
Service Indicator	: Non Resettable Hour meter
Line Voltage	: 230 V ac; 1 Phase; 50 Hz



Powder Coated Skid

Feed Water Limiting Condition :

TSS	: ≤ 20 ppm
TDS	: ≤ 200 ppm
Hardness	: ≤ 70 ppm
Free Chlorine	: ≤ 0.2 ppm
CFU	: 10 ⁵ per 100 ml

Outlet Water Quality :

TSS	: ≤ 1 ppm
TDS	: ≤ 200 ppm
Hardness	: ≤ 70 ppm
Free Chlorine	: Nil
CFU	: Nil

Optional Accessories :

- Feed Water Booster Pump
- Pressure Reducing Valve
- SS 304/316 Purified Water Storage Tank – 1,000 to 5,000 Litres



Stainless Steel Storage Tank

4 Stage UV Water Purification System Specification

Model No.	UV/HC-1000	UV/HC-2000
Flow Rate	1,000 LPH	2,000 LPH
Stage – I	Coarse Cartridge Filtration	
Cartridge Type	Spun/Wound	SpunWound
Cartridge Size	4"(Dia)x20"(Ht)	4"(Dia)x20"(Ht)
Micron Rating	5.0 Micron	5.0 Micron
Stage – II	Carbon Filter	
Carbon Type	Granular/Block	Granular/Block
Carbon Block Size	2.5"(Dia)x20"(Ht)	2.5"(Dia)x20"(Ht)
Stage – III	Fine Cartridge Filtration	
Cartridge Type	Spun	Spun
Cartridge Size	4"(Dia)x20"(Ht)	4"(Dia)x20"(Ht)
Micron Rating	1.0 Micron	1.0 Micron
Stage – IV	Disinfection	
Disinfection Type	Ultra Violet	Ultra Violet
UV Dosage	30-40 mWS/cm ²	30-40 mWS/cm ²
Internal Housing	Electro Polished	Electro Polished
Lamp Isolation	High Purity Quartz	High Purity Quartz
Net Weight (Kg)	60	60
Dimension mm (H x W x D)	1,200 x 1,200 x 400	1,200 x 1,200 x 400
Power (W)	45	50



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