

Type II Water Purification System

TY/II – Series

System Specification :

Model No.	:	TY/II - 10;20;40
Make	:	Chemtronics [®]
Flow Rate	:	10;20;40 LPH
Housing	:	Stainless Steel; SS-304
Inlet & Outlet Connection	:	½" / ¼" BSP
Flow Controller	:	Brass SV – 230 Volts
Dry Run Sensor	:	Float Type Potential Free
Standby Sensor	:	Float Type Potential Free
Rota meter	:	0 - 100 LPH
Inlet Flow	:	100 LPH (min)
Inlet Pressure	:	0.5 Kg/cm ² (min) 2.0 Kg/cm ² (max)
Mounting	:	Floor / Wall
Indicator	:	Power / UV / Standby
Service Indicator	:	Non Resettable Hour meter
Pressure Boosting Tank	:	10 Liters
Conductivity / TDS Meter	:	Digital Display
Line Voltage	:	230 V ac; 1 phase; 50 Hz



Stainless Steel 304 Cabinet

Feed Water Limiting Condition :

TSS	:	≤ 10 ppm
TDS	:	≤ 100 ppm
Hardness	:	≤ 70 ppm
Free Chlorine	:	≤ 0.1 ppm
CFU	:	≤ 100 CFU/ml
Conductivity	:	≤ 80 μS/cm
TOC	:	≤ 80 ppb
Colloids	:	≤ 1000 ppb

Outlet Water Quality :

TSS	:	≤ 1 ppm
TDS	:	≤ 0.5 ppm
Hardness	:	Nil
Free Chlorine	:	Nil
CFU	:	≤ 1 CFU/ml
Conductivity	:	≤ 1.0 μS/cm
TOC	:	≤ 50 ppb
Colloids	:	≤ 100 ppb

Optional Accessories :

- Feed Water Booster Pump
- Pressure Reducing Valve

7 Stage Type II Pure Water System Specification

Model No.	TY/II-10	TY/II-20	TY/II-40
Flow Rate	8-10 LPH	15-20 LPH	35-40 LPH
Stage – I	Coarse Cartridge Filtration		
Cartridge Type	Spun	Spun	Spun
Cartridge Size	2.5"(Dia) x 10"(Ht)	2.5"(Dia) x 10"(Ht)	2.5"(Dia) x 10"(Ht)
Micron Rating	5.0 Micron	5.0 Micron	5.0 Micron
Stage – II	Carbon Filter		
Carbon Type	Granular/Block	Granular/Block	Granular/Block
Cartridge Size	2.5"(Dia) x 10"(Ht)	2.5"(Dia) x 10"(Ht)	2.5"(Dia) x 10"(Ht)
Stage – III	Fine Cartridge Filtration		
Cartridge Type	Spun	Spun	Spun
Cartridge Size	2.5"(Dia) x 10"(Ht)	2.5"(Dia) x 10"(Ht)	2.5"(Dia) x 10"(Ht)
Micron Rating	1.0 Micron	1.0 Micron	1.0 Micron
Stage – IV	RO Membrane Filtration		
RO Membrane Type	High Rejection	High Rejection	High Rejection
Membrane Flow	75 GPD x 01 No.	75 GPD x 02 Nos.	75 GPD x 04 Nos.
Stage – V	Resin Filtration		
Type	Super Charge MB	Super Charge MB	Super Charge MB
Resin Qty	3 Liters	3 Liters	6 Liters
Stage –VI	Disinfection & TOC Reduction		
Disinfection Type	Ultra Violet	Ultra Violet	Ultra Violet
UV Dosage	30-40 mWS/cm ²	30-40 mWS/cm ²	30-40 mWS/cm ²
Internal Housing	Electro Polished	Electro Polished	Electro Polished
Lamp Isolation	High Purity Quartz	High Purity Quartz	High Purity Quartz
Stage –VII	UF Membrane Filtration		
UF Membrane Type	Hollow Fiber	Hollow Fiber	Hollow Fiber
Membrane Flow	10 LPH	20 LPH	40 LPH
Net Weight (Kg)	40	40	40
Dimension (mm)	800x800x450	800x800x450	1000x800x450
Power (W)	75	75	125



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