

# Domestic – Potable Drinking Water Purifier

[Automatic]

DWP/UVUF - 25

## Specification:

Model no.	:	DWP/UVUF-25
Make	:	Chemtronics <sup>®</sup>
Flow rate	:	25 lph
Purifier housing	:	ABS Plastic
Inlet flow	:	Min – 50 lph / Max – 500 lph
Outlet flow	:	Min – 1.5 lpm / Max – 3.0 lpm
Mounting	:	Table top / Wall [With extra fittings]
Indicator	:	Power / UV
Storage capacity	:	07 liters
Colour	:	White + Blue
Operating voltage	:	220 V ac ; 50 Hz
Power	:	20 w
Weight	:	6.0 Kg [Dry] /15.0 Kg [With water]
Feed water pressure	:	Min 1.0 kg/cm <sup>2</sup> / Max 2.0 kg/cm <sup>2</sup>
Operation	:	Automatic



## Feed Water Limiting Condition:

TSS	:	< 10 ppm
TDS	:	< 150 ppm
Hardness	:	< 50 ppm
Free chlorine	:	< 0.2 ppm
CFU	:	< 10 <sup>5</sup> per 100 ml

## Outlet Water Quality:

TSS	:	< 1 ppm
TDS	:	< 150 ppm
Hardness	:	< 50 ppm
Free chlorine	:	NIL
CFU	:	NIL

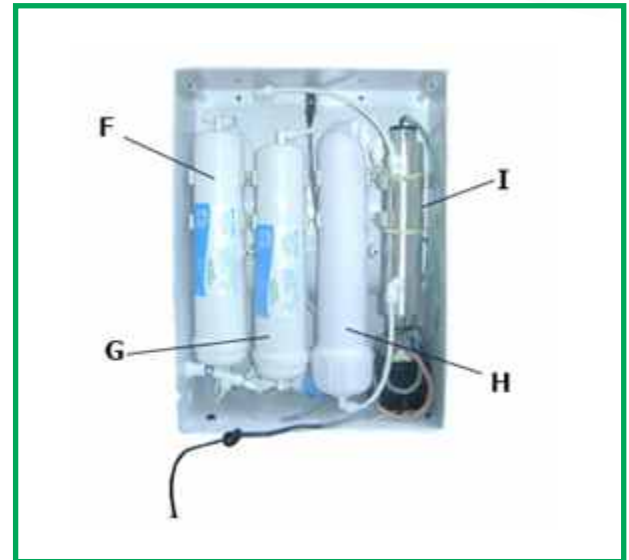
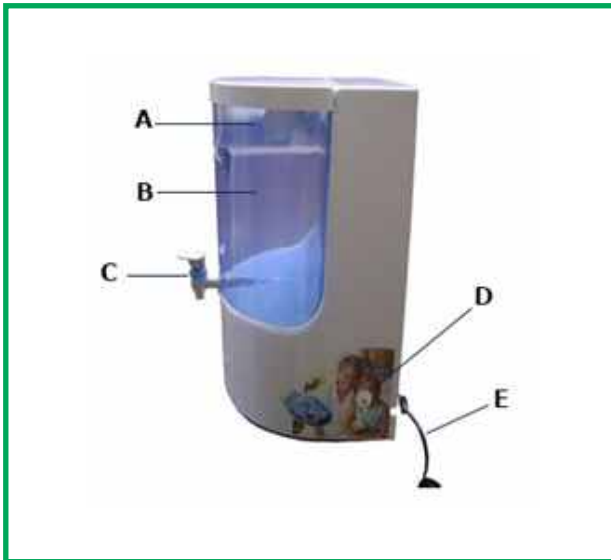
## Optional Accessories:

- Feed water booster pump – 1 No
- Pressure reducing valve – 1 No

## 5 Stage Purification System

Stage – I	Stage – II	Stage – III	Stage – IV	Stage – V
<b>Pre filter [External]</b>	<b>Carbon filter</b>	<b>Fine filtration Activated carbon</b>	<b>Ultra filtration</b>	<b>Disinfection</b>
Cartridge type Spun	Carbon type Granular / Block	Cartridge type Spun / Granular	Membrane type Hollow fiber	Disinfection type Ultra violet [UV-C]
Cartridge size 2.5"(Dia) × 10"(Ht)	Carbon size 2.5"(Dia) × 10"(Ht)	Cartridge size 2.5"(Dia) × 10"(Ht)	Membrane flow 25 LPH	UV Dosage 30-40 µWS/cm <sup>2</sup>
Micron rating 5 Micron	Iodine value ≥ 800	Micron rating 1 Micron	Membrane rating 0.1 Micron	MOC Housing Anodized / Electro polished
MOC Polypropylene	Service life 7,500 Ltrs.	Service life 7,500 Ltrs.	Salt rejection NIL	Lamp isolation High purity quartz
			Molecular cut-off wt 120 Kilo dalton	UV lamp wattage 11 Watts
			Membrane flux 100 l/m <sup>2</sup> /hr [lmh]	Lamp ballast Electronics

## Construction :

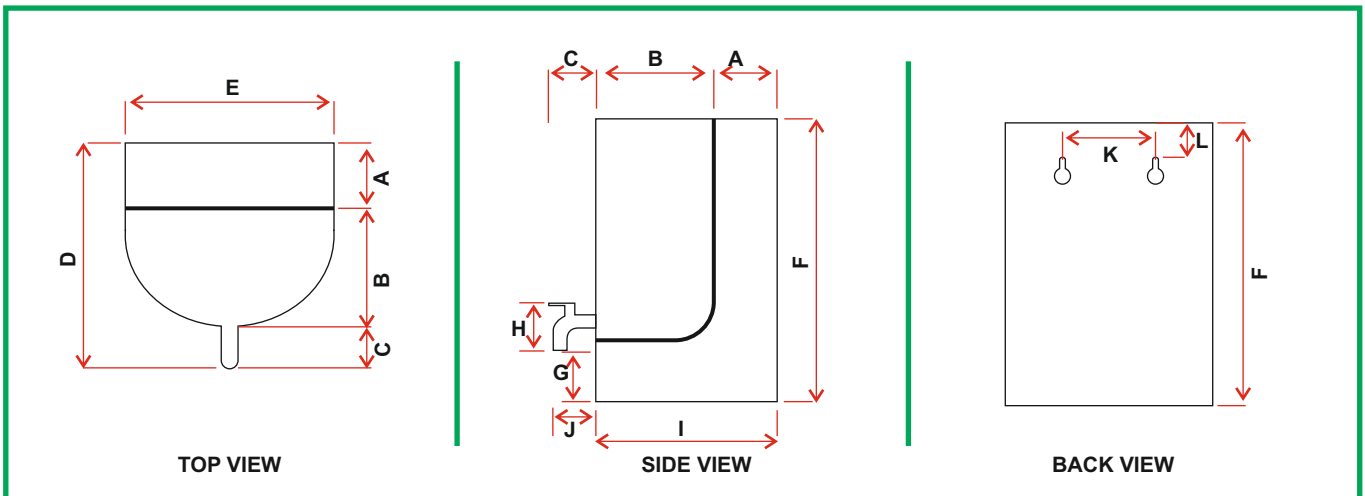


### Description:

A	Water level sensor
B	Storage tank
C	Outlet spout
D	Raw water inlet
E	Mains cord

F	Cartridge / Carbon filter
G	Activated carbon filter
H	Ultra filtration
I	Ultra violet

## Dimensions :



### Dimensions in mm :

A	95
B	165
C	70
D	330
E	305
F	415

G	125
H	60
I	260
J	70
K	115
L	45