

Dr. GENEUS UTC RO + UV



#	Technical Parameter	Specification
1	Model	Dr. Geneus UTC RO + UV
PRODUCT SPECIFICATION		
1	Dimension (W X D X H) -	115 mm X 435 mm X 410 mm
2	Material Details	Outer Body – CRCA powder coated – White colour- 60 to 80 Micron thickness
3	Weight (Approx).	Gross Weight – 13.5 Kgs. & Net weight 11.5 Kgs (Approx)
4	Purification Technology	RO + UV
5	Purification Stages / Filtration system	Dr. Geneus UTC RO + UV
		Stage 1: HD FILTER CARTRIDGE ASSEMBLY
		Stage 2: HCCB CARTRIDGE ASSEMBLY (NANO)
		Stage 3: H D Membrane Filter (Nano)
		Stage 4: Mineral Cartridge
		Stage 5: UV Lamp 11 watts
6	Membrane	75 GPD TFC Spiral – > 90% rejection
7	Reject Water Valve	600 ml per minute – Reject Water Valve
ELECTRICAL SPECIFICATIONS		
1	Operating Voltage	150 to 280 V AC, 50 Hz, 1ø(Nominal voltage – 230 V AC)
2	Power Supply	External power supply –230 V AC input / 24 V DC output , 2.5 Amps
3	Power Rating	45 Watts Max
4	UV LAMP	11 Watts – G11 T5
5	Solenoid Valve	24 V DC / 6 Watts- 180 Degree, ¼" stem for inlet & outlet
6	Booster Pump	24 V DC - 1200 ml per minute – Open flow
RECOMMENDED INPUT WATER PARAMETERS		
1	Total Dissolved Solids (TDS)	Up to 2000 mg/L
2	Hardness	Max. 600 mg/L (PPM)
3	Turbidity	Max. 15 NTU
4	Free Chlorine	2 mg/L (PPM)
5	Input water pressure	0.6 to 2 bar. In case input pressure exceeds 2 bar it is mandatory to install the product with Pressure Regulating Valve up to 10 bar (Available at additional cost).

