

## Puritron Series

### Ultraviolet water treatment systems

Puritron series are designed for commercial and industrial water treatment

PURITRON™ water purifiers provide germicidal ultraviolet radiation that is lethal to bacteria, viruses and other microorganisms present in common water. Commercial and industrial ultraviolet water purifiers have excellent features to provide best available sanitation in the market. All are constructed high quality stainless steel with removable flanged head and both ends. High flow rates and modular design allow to purifiers operate in any capacities. Separate control panel indicates working conditions of units and easily expand for optional features. Ranging from 10m<sup>3</sup>/h to 280 m<sup>3</sup> /h.



#### STANDARD FEATURES

- SS 304 Stainless Steel U.V. Reactor with flanged connections
- Electric Control Board
- Sight Port Plug
- U.V. Signal Lamp
- U.V. Hour meter
- Temperature Sensor
- Silicone O-rings
- Control Board Time Delay Relay
- Flanged I/O Connection
- Failure Alarm and Dry Contact Outlet
- Cleaning port
- Stainless steel mounting bracket
- 10 bar Maximum operating pressure

#### OPTIONAL FEATURES

- PLC Control
- Automatic Wiper Mechanism
- Digital U.V.C Monitor
- SS 316 Stainless Steel Reactor
- Contact Outlet
- 16 bars Operating Pressure

#### ADVANTAGES

- Effective & instant treatment
- No chemical usage and residual effect
- Easy installation and maintenance
- When the mean flow rate is met, it destroys bacteria and viruses at a ratio of 99.99%.

## Water Quality Requirements

The dissolved and/or suspended solids contained in water which is to be disinfected will effect UV disinfection and must be taken into consideration when installing a UV disinfection system. UV transmission is a measure of the transparency of water for UV radiation. Transmission is generally dependent on the amount of humic acid, dissolved solids, iron and manganese it contains.

Technical Specifications								
Model Number	Flow Rate (m³/h)		Connections	Total Power	Max. Operating Pressure	Dimensions in (mm)		
	WW	CW				Length	Width	Height
PUR 130	22	35	3"	325 W	10 bar	1655	220	380
PUR 230	40	65	3"	650 W	10 bar	1655	200	375
PUR 330	60	100	4"	975 W	10 bar	1655	225	420
PUR 430	90	150	4"	1300 W	10 bar	1655	200	420
PUR 630	132	220	5"	2275 W	10 bar	1655	225	515
PUR 730	200	280	6"	2925 W	10 bar	1655	325	515