

## Exxel Series

### Ultraviolet water treatment systems

Exxel series are designed for commercial and industrial water treatment

EXXEL™ 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 purer operate in any capacities. Separate control panel indicates working conditions of units and easily expands for optional features. Ranging from 10m<sup>3</sup>/h (40gpm) to 22m<sup>3</sup> /h (100gpm).



#### 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
- Silicone O-rings
- Control board time delay relay
- Stainless steel mounting bracket
- 10 bar Maximum operating pressure

#### OPTIONAL FEATURES

- PLC Control
- Automatic Wiper Mechanism
- Digital U.V.C Monitor
- 16 bars Operating Pressure
- Temperature Sensor
- SS 316 Stainless Steel Reactor
- Cleaning port
- Audible failure notification
- Contact output

#### 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		Connections	Total Power	Max. Operating Pressure	Dimensions in (mm)		
	(gpm)	(m <sup>3</sup> /h)				Length	Width	Height
Exxel 40	40	10	2"	228 W	10 bar	940	200	305
Exxel 65	65	15	2"	342 W	10 bar	940	225	375
Exxel 100	100	22	2 1/2"	456 W	10 bar	940	225	375