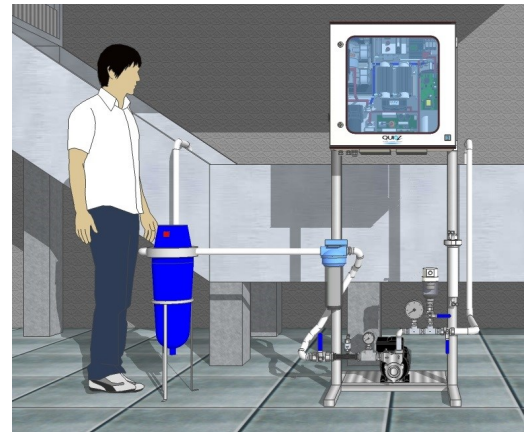




O3 MicroBubble - Disinfection System

CF2-Ultra
ULTRA COMPACT ALL-IN-ONE O3 TECHNOLOGY

- O3-Dissolved Water Concentration up to 3 ppm
- O3-Production rate up to 32 g/hr
- High O2 Purity & O3 Concentration
- Reactor Cooling by Air & Backflow Security Prevention
- Enclosure, Frame, Piping & Pump in Stainless Steel Food Grade
- 100 % Autonomous Technology: Air, Oxygen & Ozone "all-in-one"



Pneumatic - O2 & O3 Generation

| Description | CF2-Ultra 6 | CF2-Ultra12 | CF2-Ultra 22 | CF2-Ultra 32 |
|----------------------------------------|----------------|-----------------|-----------------|-----------------|
| Compressed Air Capacity (oilfree) | 120 lpm | 120 lpm | 120 lpm | 120 lpm |
| SideBar Air-Dryer & Filter System | 5 µm | 5 µm | 5 µm | 5 µm |
| PSA Oxygen-Concentrator Purity @ 3 lpm | 93% (± 5%) | 93% (± 5%) | 93% (± 5%) | 93% (± 5%) |
| O3-Production @ 4.78 psig | 1.0 - 6.0 g/hr | 2.0 - 12.0 g/hr | 0.0 - 22.0 g/hr | 0.0 - 32.0 g/hr |
| O3 High-Concentration Reactor | 4.2% | 4.2% | 4.5% | 7.0% |

Gas-To-Liquid Mass Transfer & Pump

| Max. Flow (Water w/Dissolved O3 output) | 3750-4000 lph | 1800-2400 lph | 1800-2400 lph | 1800-3000 lph |
|-----------------------------------------|---------------|---------------|---------------|---------------|
| Water Output Pressure | 36,25 PSI | 36,25 PSI | 36,25 PSI | 36,25 PSI |
| Dissolved O3 Concentration in Water* | 0,1 - 1,5 ppm | 0,2 - 2,0 ppm | 0,0 - 2,5 ppm | 0,0 - 3,0 ppm |

Safety Features

| | | | | |
|---------------------------------------------------------------|-----|-----|-----|-----|
| Backflow Prevention System (Stainless Solenoid & Check Valve) | yes | yes | yes | yes |
| Water Flow & Pressure Switch (Dual-Point Gauge) | yes | yes | yes | yes |
| O3 Destructor Safety - (for undissolved O3 from Water) | yes | yes | yes | yes |
| Compressed Air Filter, Dryer & Condensation-Drain | yes | yes | yes | yes |

Controls & Electrical

| | | | | |
|-----------------------------------|--------------|--------------|--------------|--------------|
| Working Voltage | 220V/50/60Hz | 220V/50/60Hz | 220V/50/60Hz | 220V/50/60Hz |
| Current Consumption System Total) | 1600W | 1800W | 2000W | 2200W |
| Thermal Protector | yes | yes | yes | yes |
| System Control by PLC | yes | yes | yes | yes |

General Data

| | | | | |
|---------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Reactor / System Cooling | Twin-Air-Ventilation (Filtered) | Twin-Air-Ventilation (Filtered) | Twin-Air-Ventilation (Filtered) | Twin-Air-Ventilation (Filtered) |
| Pressure Testing of Air, O2, O3 System & Fittings | 20 psig | 20 psig | 20 psig | 20 psig |
| Gas Outlet Pressure Connections & Tubing | 1/4" Teflon | 1/4" Teflon | 1/4" Teflon | 1/4" Teflon |
| Enclosure-Chasis-Piping Material | 304 Stainless Steel & Teflon | 304 Stainless Steel & Teflon | 304 Stainless Steel & Teflon | 304 Stainless Steel & Teflon |
| Inlet - Outlet Water Connections | 3/4 - 1/2" | 3/4 - 1/2" | 3/4 - 1/2" | 1 - 3/4" |
| Dimensions / Weight | 610 x 530 x 2150 mm / 78.2 kg | 610 x 530 x 2150 mm / 80.0 kg | 610 x 530 x 2150 mm / 84.8 kg | 610 x 530 x 2150 mm / 86.4 kg |

The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable and is offered as an aid to help in the selection of Quioz products. It is the responsibility of the user to determine the suitability of the product for the intended use and the user assumes all risk and liability whatsoever in connection therewith.

* The Dissolved O3 Concentration in Water always depends on factors such as Temperature, General Quality, Chlorine-Levels and Degree of Contamination.

Supplied as standard: Tube connector split and Teflon Tubing (3m) w/injector-Points **Accessories:** O3 Monitors, O2 Feed Gas, Extra Pressure Output

Service Parts: Available Locally



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