



CLAIRE FONTAINE®

UV SYSTEMS



Claire Fontaine UV Systems are integrated systems using UV lamps housed in stainless steel units and integrated with appropriate electrical circuits.

Special low-pressure mercury vapor lamps produced ultraviolet radiation at 254 nm, being the optimal wave length for disinfection and ozone destruction.

Claire Fontaine UV Systems are capable of eliminating bacteria, algae, fungi & protozoa and rendering them harmless.

The UV systems are built with high efficiency UV lamps surrounded by Quartz glass sleeves to isolate the bulbs from water contact, thereby preventing thermal shock, glass breakage and mercury contamination. Sleeves also ensure very high transmission of energy with lower losses.

Bulb with sleeves is housed in a precision engineered SS vessel. A wiper assembly is provided for periodic cleaning of Quartz glass. An electronic ballast operating on 230V, single phase, 50 Hz triggers the UV bulb and ensures minimum power consumption.

MODELS

| Model | UV POWER WATTS | Nos | LAMP SIZE | MAX FLOW LPH |
|---------|----------------|-------|-----------|--------------|
| CF 025 | 8 | One | 12" | 250 |
| CF 040 | 16 | One | 12" | 400 |
| CF 050 | 15 | One | 18" | 500 |
| CF 075 | 25 | One | 18" | 750 |
| CF 100 | 30 | One | 36" | 1000 |
| CF 200 | 40 | One | 36" | 2000 |
| CF 300 | 60 | Two | 36" | 3000 |
| CF 350 | 75 | One | 36" | 3500 |
| CF 400 | 80 | Two | 36" | 4000 |
| CF 500 | 90 | Three | 36" | 5000 |
| CF 600 | 120 | Three | 36" | 6000 |
| CF 800 | 160 | Four | 36" | 8000 |
| CF 1000 | 200 | Five | 36" | 10000 |
| CF 1200 | 225 | Three | 36" | 12000 |
| CF 1500 | 300 | Four | 36" | 15000 |
| CF 1800 | 375 | Five | 36" | 18000 |