



CROSS FLOW Series



APPLICATIONS

- Drinking water
- Process water
- Cooling towers
- Hot water, legionella
- Residual ozone destruction
- Dichlorination
- Aquaculture
- Swimming pools
- Fountains

VDV Management Inc.

12260, Green Lane, Montréal, Qc H4K 2C3 Canada

Sales@uvtech.ca www.uvtech.ca





DESCRIPTION

The Cross Flow Line reactors are designed for the disinfection, the photo-oxidation, the inactivation in particular of Legionella, Cryptosporidium and Giardia. The CF reactor allows to remove the negative effect from the chlorine disinfection.



ADVANTAGES OF CF REACTOR

- ✓ Compact in line reactor
- ✓ Small footprint, ideal for existing installation
- ✓ Optimized hydraulics
- ✓ Low headloss
- ✓ Automatic cleaning system by u.s.
- ✓ No mechanical parts in the reactor
- ✓ No creation of by products
- ✓ High intensity polychromatic medium pressure UV lamp
- ✓ Low maintenance cost and easy to maintain
- ✓ UV dose control
- ✓ Power variation by last generation of electronic ballast

REACTOR DETAILS

- ✓ Stainless steel 316L Reactor
- ✓ Hydraulic connection ANSI 150 / DIN
- ✓ Temperature sensor
- ✓ Drain and event
- ✓ Automatic cleaning by ultrasounds
- ✓ UV intensity sensor
- ✓ Vertical or horizontal assembly

CONTROL PANEL

- ✓ Paint steel Ral 7032
- ✓ Protection rating: Nema 12 (IP 54)
- ✓ Wall mounting: 5 meters of cable (other optional lengths)
- ✓ Power supply: 208-220/400-480V/50-60 Hz/3LT
- ✓ Remote control and alarms
- ✓ Conformity: CSA approval

Model	m ³ /h	US gpm	In - out	Lamp number	Total lamp power (kW)
CF 2410	38	165	DN 100 / 4"	1	0,6
CF 2412	50	220	DN 150 / 6"	1	0,8
CF 2610	63	275	DN 150 / 6"	1	1,0
CF 2612	125	550	DN 150 / 6"	1	2,0
CF 2620	170	748	DN 150 / 6"	2	4,0
CF 2820	250	1 101	DN 200 / 8"	2	4,0
CF 2830	355	1 563	DN 200 / 8"	3	6,0
CF 21040	505	2 223	DN 250 / 10"	4	8,0
CF 21430	750	3 302	DN 350 / 14"	3	12,0
CF 21440	1 010	4 447	DN 350 / 14"	4	16,0

* UV Transmission = 95 % - 400 J/m² at end of lamp lifetime
All specifications are subjects to change without notice.

Contac us:

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12260, Green Lane, Montréal, Qc H4K 2C3 Canada
Tél. (1) 514 745-3151

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Local distributor

