

ChloriDos™ Mini



The ChloriDos™ Mini system accurately generates and doses Chlorine Dioxide into water services, particularly where very low demands are required. It is used to disinfect water and control legionella and other potentially harmful pathogens.

ChloriDos™ technology generates in situ, within a safe, self contained reactor unit, Chlorine Dioxide concentrates between 1% and 5% either by acid/chlorite method or stabilised Chlorine Dioxide pre cursor and activator. The Chlorine Dioxide solution is then further diluted into a motive water stream and injected into the process on site.

Installations are typically either recirculating a water storage tank or rising main.

Chlorine Dioxide generation and dosing

General Data

- Compact design for small plant rooms
- Digital water meter inputs
- Volt free outputs for connection to BMS systems
- Internal splitter for water meter pulse
- Low voltage control circuit
- Safety dilution flow sensor
- Sight glass for visual ClO₂ indication
- Internal connections for 0.37kW circulation pump (pump optional)
- Max operating pressure 8 Bar
- Enclosed reactor and wet end pipe work
- Optional analyser upgrade package available
- Superior build quality for trouble free operation

All ChloriDos™ Mini systems are supplied fully wet/pressure tested to 6 Bar (ClO₂ reaction vessels 15 Bar), completed operational diagnostic checks, unique ID serial numbers and full documentation.

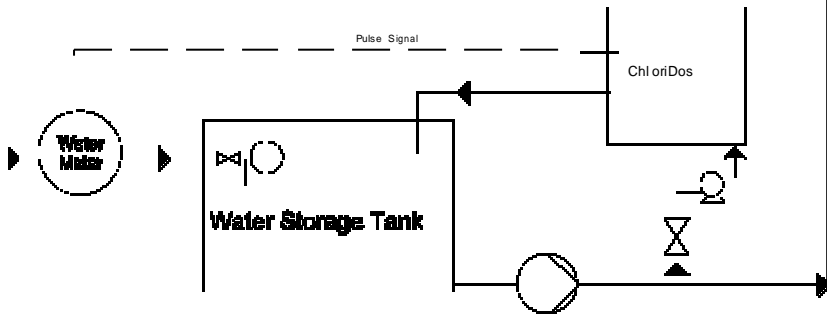
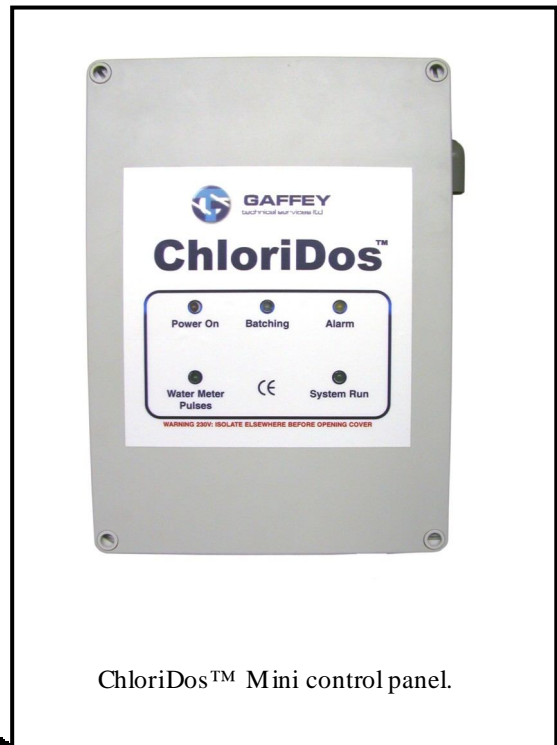
ChloriDos™ Model	Product Description	Typical ClO ₂ production g/h
CDS-M-40-100	ChloriDos Mini (electronic pumps)	1 - 100

ChloriDos™ Mini Technical Data

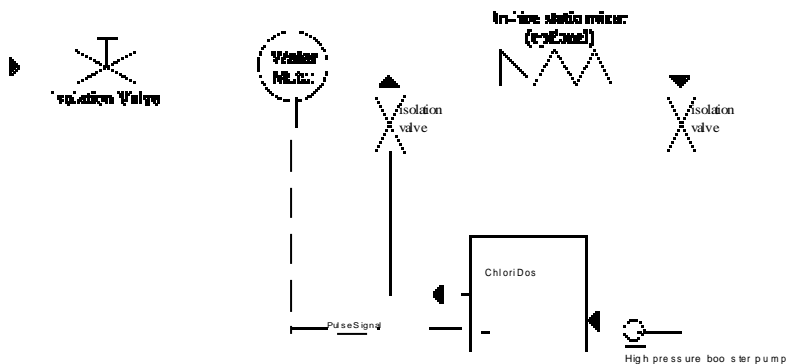
Mains supply	230V ±10% 50Hz 30mA RCBO protection recommended (6A)
Power Consumption	450 W
Low voltage control circuit	12 / 24V AC
Pulse splitter	Volt free pulsed out put
Circulation pump connection	Rated 4A at 230V (0.37kW max)
Volt free alarm output	Rated 6A at 230V (resistive)
Water meter input	Digital
Optional circulation pump	Recommended Grundfos CHN2-20 or alternative pump max 0.37kW
Max operating pressure	8 Bar
Pipe connections	1/2 " PVC unions
Dosing concentration	1 – 5%
Environmental protection level	IP65
Back board dimensions	660 x 850mm
Weight	25kg approx
Chemical Pumps	DDI 208-1.0
Low chemical alarm	Float switch assembly
Adjustable pulse	Multiply / divide on pumps

ChloriDos™ Mini Ancillaries

Description	Code
DN4 rigid suction line assembly with float switch	531-0121
DN4 suction line assembly with float switch	531-0101-10000
Injection lance	9-12LANCE
Injector valve assembly	9-12INJ
Day tanks (natural) 50 Ltr (black) 50 Ltr	2050 2050B
Circulation Booster pump 0.37kW Grundfos CHN2-20 230V	CHN2-20
Beacon (230V IP65)	8-X195



Typical installation for water storage recirculation



Typical installation for rising mains recirculation

Agent: