

Chemtrol™ PC4000

PROGRAMMABLE CONTROLLER

AUTOMATED FILTER CONTROL
with True Duplex Remote Control

The **CHEMTROL™ PC4000** filter controller is a programmable control center for automatic filtration and backwash with true duplex remote operation. It introduces a new standard of sophistication in automated water treatment for many applications such as swimming pools, spas, cooling towers and industrial water treatment.

ADVANCED FEATURES

- ✓ Programmable **RECIRCULATION PUMP CONTROL**,
- ✓ **FLOW MONITORING** and **TOTALING** with safety alarm,
- ✓ **INFLUENT/EFFLUENT PRESSURE** monitoring with safety alarms,
- ✓ **INTERLOCK** with **CHEMISTRY CONTROLLER**,
- ✓ **WASTE PIT** and **SURGE PIT ALARMS**,
- ✓ **AUTOMATIC BACKWASH** for single or multiple filters,
- ✓ Works with **PNEUMATIC, HYDRAULIC** or **ELECTRIC VALVES**,
- ✓ **EIGHT (8) BACKWASH PROGRAMS**,
- ✓ **PRIORITY VALVE** program,
- ✓ **AUTOMATIC DATA LOGGING** for up to 999 tests,
- ✓ **HEATER CONTROL** with fireman safety and energy saver program,
- ✓ **WATER LEVEL CONTROL** with electronic sensor and fill valve control,
- ✓ **RS-485 CONNECTION** to **CHEMTROL™** chemistry controllers,
- ✓ **REMOTE COMPUTER OPERATION** and **GRAPHIC DATA DISPLAY**,
- ✓ **FULL-SCREEN MENUS** in English, French or Spanish.



POWERFUL AND RELIABLE

The **CHEMTROL™ PC4000** is a powerful and reliable controller that incorporates automated control of filtration with choice of backwash programs for single or multiple filters. All menus are displayed in clear language in English, French or Spanish with choice of US or metric units.

Each unit is supplied with a comprehensive operation manual, on-site startup and training by a Qualified Dealer, plus a **FIVE-YEAR electronics warranty**.

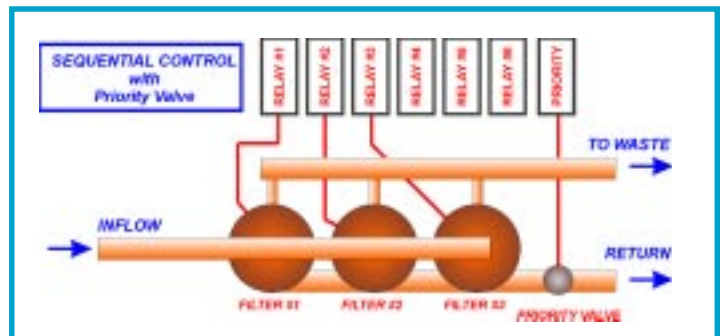


REMOTE COMPUTER OPERATION

EXTENDED TECHNICAL SUPPORT

Technical support from our **CHEMTROL™** staff and dealer network is based on our experience with over 30,000 installations worldwide. It is also available by toll-free phone, by fax or by e-mail.

The **CHEMCOM™** Program for *Windows™* allows **immediate technical support** from our Service Department or from a Qualified Dealer by remote computer with true duplex operation,



Visit our Web Site at www.sbcontrol.com or call today for a free demo CD.



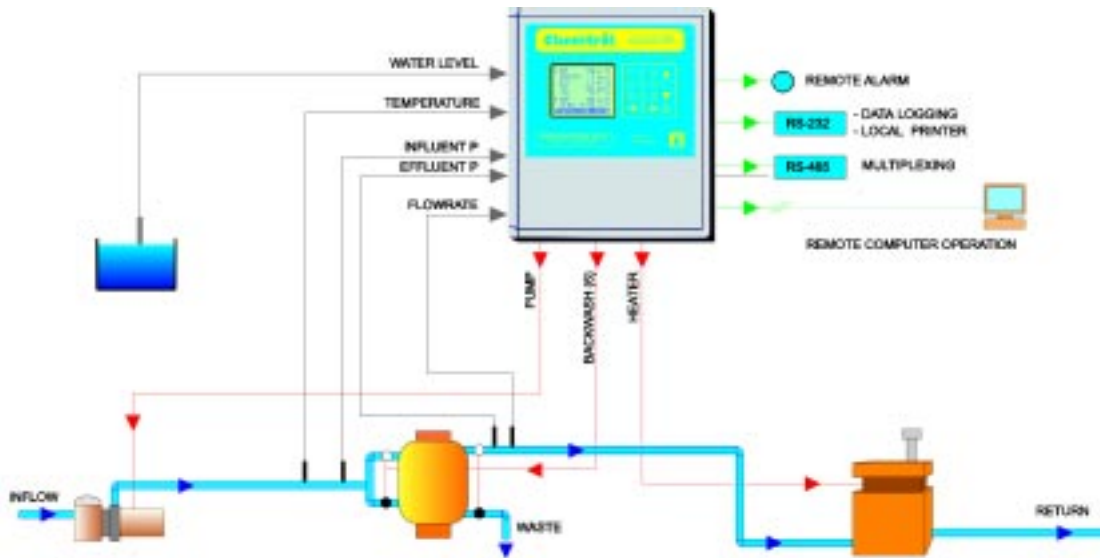
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Leading in Automated Water Treatment Since 1976

INSTALLATION



SPECIFICATIONS

SCREEN DISPLAY	8 lines @ 22 characters
TEMPERATURE READOUT	0 to 140 F (-18 to 60C)
SENSOR CALIBRATIONS	Field adjustable
CONTROL MODE	Off, Manual, Auto, Timer, Schedule
BACKWASH PROGRAMS	7-day Timer Pressure Differential Time or Pressure Time and Pressure
ALARMS	Visual, audio and external alarms
DATA LOGGING	On-board memory for up to 999 tests RS232 communication port for local download and printing
MULTIPLEXING	RS485 port for up to 30 controllers
REMOTE OPERATION	Data communication modem CHEMCOM™ software and graphic data display
ELECTRICAL	10 A / 110 or 230V with selector switch All output relays 5 A
WARRANTY	5-year electronics 1-year sensors
MECHANICAL	NEMA 4X fiberglass cabinet 13x11x6 1/2 in (34x29x17 cm)
SHIPPING	
Controller	24x18x18 in / 60x45x45 cm (40 lbs/18 kg)
Water Level	72x12x12 in / 180x30x30 cm (54 lbs/25 kg)

MODEL SELECTION

STANDARD FEATURES

- ✓ SINGLE OR SEQUENTIAL FILTER BACKWASH
- ✓ RECIRCULATION PUMP CONTROL
- ✓ FLOW RATE MONITORING AND TOTALING
- ✓ INFLUENT / EFFLUENT PRESSURE TRANSDUCERS
- ✓ WASTE AND SURGE PIT ALARMS
- ✓ HEATER CONTROL
- ✓ AUTOMATIC DATA LOGGING
- ✓ REMOTE ALARM

OPTIONS

- REMOTE COMPUTER OPERATION
- 4-20 mA DATA OUTPUT
- AUTOMATIC WATER LEVEL CONTROL

REPRESENTED BY:

