

C SERIES AQUASTAR

MADE IN
NORTH AMERICA



PRODUCTS

FEATURES:

- MULTIVOLTAGE CONTROL BOARD(MVO) ACCEPTS 12-230VAC and 12-34VDC supply
- Time and pressure back wash cycle release
- Flexible pre-adjustable pressure sensor switch(adjusted with dip switches on circuit board)(0.4-5.7 bar, 10psi-144psi)
- Basic Timer with three basic settings on dip switch (3 days, 1 week, 2 week backwash interval settings)
- Digital time clock for flexible time controlled backwash release cycles(up to 25 release times)
- Option of external backwash cycle release included
- RECIRCULATION (Filter BY PASS Actuator Position) actuator-valve position for filter maintenance standard
- DRAIN position for lowering water level or service
- Integrated pump control (interlock) relay contacts
- Adjustable backwash timers (potentiometers) 50 sec-9 minutes
- Adjustable rinse timers (potentiometers) 25-200 seconds
- Adjustable backwash cycle delay timer 20 sec-32 min—with integrated relay contact for heater or chemical feeder control
- Auxiliary relay control-contacts for secondary valve control. i.e. city water backwash
- Power control terminal for external back wash cycle start release from other control sources
- Watertight-chemical resistant touch pad control

AQUASTAR C6000 RELAY SEQUENCING CHART 2009

RELAY TERMINAL numbers	sequence of automatic backwash cycle									requires manual activation	
	Trigger of back wash cycle	Delay time	cycle start	during actuator travel	back washing	travel	rinsing	travel	FILTER position	DRAIN position	RECIRC. position
13/14 max 8 AMP	closed pump running	closed	open pump stops	open	closed	open	closed	open	closed	closed	closed
4/G/3 max 8 AMP	G-4 closed	G-4 closed	G-4 closed	G-4 closed	G-4 closed	G-4 closed	G-4 closed	G-4 closed	G-3 closed	G-4 closed	G-4 closed
27/28 max 4 AMP	open	open	open	open	CLOSED	open	open	open	open	open	open
24/25 max. 4 Amp	open	open	open	open	open	open	CLOSED	open	open	open	open
29/30 max 4 AMP	open	open	open	open	open	open	open	open	open	open	CLOSED
31/32 max 4 Amp	open	open	open	open	open	open	open	open	open	CLOSED	open
21/22 max. 4 Amp	open heater off	open	open	open	open	open	open	open	CLOSED heater on	open	open
18/19/20 max 4 Amp serial connection of multiple Aqua stars	19/20 closed	19/20 closed	18/19 closed	18/19 closed	18/19 closed	18/19 closed	18/19 closed	18/19 closed	19/20 closed signal will start second actuator cycle	19/20 closed	19/20 closed

Terminal 11-12 -low voltage DC output-needs to be closed by external source to start backwash cycle