

Memorandum

To: Health Commissioners, Directors of Environmental Health, Pool Contractors and Designers, and Other Parties.

From: W. Gene Phillips, MBA, RS, Chief, Bureau of Environmental Health

Date: December 28, 2005 **(Rev. 01/20/06)**

Re: Acceptable Automatic Chemical Controllers for Public Swimming Pools

Ohio Administrative Code (OAC) 3701-31-04 (C)(8) and 3701-31-07 (B) require automatic chemical controllers to be installed on public spas and special use pools and discuss how these are to operate. This requirement became effective January 1, 1999. According to rule 3701-31-07 (B)(3) the Director shall maintain a list of controllers that meet these requirements. The basic units listed below have been submitted to the Ohio Department of Health (ODH) to be evaluated according to the rules, which a sanitarian can also do at the site.

This is not a comprehensive list. Submittals may be sent to the ODH Bureau of Environmental Health to be evaluated and added to the list, appropriately. If you have any questions, please call the Public Swimming Pool Program at 614.466.1390.

Acceptable Automatic Pool Chemical Controllers

Manufacturer	Address/Contact information		
Acu-trol	11830 Kemper Rd., Auburn, CA 95603; www.acu-trol.com 530.823.9898; 800.273.4667; Fax: 530.823.9899		
AK100 AK600	AK110	AK200	AK400
Aquasol Controllers, Inc.	2778 Bingle, Houston, TX 77055; www.aquasol.com 800.444.0675; Fax: 713.683.6490; Fax: 800.909.3962		
WTC	SPC	WTC-P	SPC-M
Chemcon, Inc	5511 Brampton Rd., Dayton, OH 45429; 513.435.0792		
Model 12			
Chemical Automation & Technologies, Inc.	18568 Office Park Dr., Gaithersburg, MD 20879; www.chemauto.com 301.990.8825; 800.657.CATS; Fax: 301.831.1227		
Cat 2000	Cat 2000 plus	CAT 4000	
Ecolab	370 N. Wabasha St., St. Paul, MN 55102-2233; www.ecolab.com 651.293.2233; Fax: 651.293.2092		
AKD2100-S	AKD2100-D (can be used on dual pools)		
Hanna Instruments, Inc.	584 Park East Dr., Woonsocket, RI 02895; www.hannainst.com 800.426.6287; Fax: 401.765.7575		
WM8912	HI 504*	MV 500/600*	MV502/602*
	*Sensor probes are provided separately		
Link Automation (Division of Mer-Maid Filter)	25 Arrow Rd., Ramsey, NJ 07446; www.linkautomation.com 201.236.0217; 800.546.5008; Fax: 201.236.0291		
100 series	1000 series		
Mardon, Inc.	2260 Dakota Dr., PO Box 554, Grafton, WI 53024; 262.377.8241; Fax: 262.377.6158		
HWR Model 12			

Polaris-Watermatic Products Inc	2620 Commerce Way, Vista, CA 92081-8438; www.polarispools.com 800. VAC-SWEEP; 760.599.9600; Fax: 877.327.1403		
C-460	C-560	C-660 w/ alarm and circulation pump interlock device	
			<u>see notes</u>
Pulsatrol	27101 Airport Rd., Punta Gorda, FL 33982; www.pulsatron.com 941.575.3800; 800.333.6677; Fax: 941.575.4085		
series 200			
Pulse Instruments	16117 Covello St., Van Nuys, CA 91406; www.pulseinstruments.net 800.462.1926; Fax: 818.909.7057		
J7175S,	J6715K	7215	PI1701, PI1001
	PI1001	7515	System 2,3,& 4
Santa Barbara Control Systems (Chemtrol)	5375 Overpass Rd., Santa Barbara, CA 93111; www.sbcontrol.com 805.683.8833; 800.621.2279; Fax: 805.683.1893		
Chemtrol 210	Chemtrol 250		
Stranco Products, Inc	P.O.Box 389, Bradley, IL 60915; www.strancoaquatics.com 815.932.8154; 866.766.5987; 800.809.0971; Fax: 815.932.1760		
System One and Two	System 3, 4, 5	Strantrol MGL/5	Strantrol Set Point Control
Walchem	Five Boyton Rd., Hopping Brook Park, Holliston, MA 01746; www.walchem.com 508.429.1110; Fax: 508.429.7433		
WPD310	WPD320	WPD340	

Note:

Older automatic chemical controller units may still exist in the field though these may no longer be manufactured, distributed or with service support. Provided these function according to the requirements within OAC rule 3701-31-07 (B) these are acceptable, but it is important to verify that the disinfection and pH reagent feeders do not operate after the circulation pump(s) shut down-to avoid dangerous accumulations of chemicals in the circulation pipes. When older models that are encountered not on this list please make note of the manufacturer and model number and contact ODH. Be aware that when automatic chemical controllers are replaced an Equipment Replacement Notification Report is only required for approval of the disinfection feeder and then, only if it is not identical to the unit replaced.

1. Stranco System One and Two units may still exist, though these are no longer manufactured or distributed and System One units apparently do not have a lock-out feature to shut off the controller when there is no circulation system flow. However, an electrician or technician can make a field modification to provide an inter-lock mechanism with the recirculation pump.
2. Polaris-**WATERMATIC** systems may still use old model numbers, as follows:
 - a. G-1000: the disinfection reagent feed unit.
 - b. C-300: the automatic controller which monitors disinfection and activates a disinfection reagent feeder.
 - c. C-310: the automatic controller which monitors disinfection and pH, but only activates a disinfection reagent feeder (used typically for pools-prohibited for spas).
 - d. C-420: the automatic controller which monitors pH and activates a reagent feeder pump (used in conjunction with a C-300 unit for spas).
 - e. G-1300: represents an installation using a G-1000 unit with a C-300 controller. It must also have a C-420 controller to comply with the rules for a public spa.
 - f. G-1310: represents an optional installation for a public swimming pool using a G-1000 unit with a C-310 controller.
 - g. C-460: represents the designation for the new model which incorporates the G- 1000, C-300, and C 420 units into one unit and is required for public spas.