

## Memorandum

To: Health Commissioners, Directors of Environmental Health, Pool Contractors and Designers, and Other Parties.  
 From: Barry Rice, R.S., Program Specialist, Bureau of Environmental Health  
 Date: December 28, 2005  
 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; and 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 the sanitarian can also do at the site.

This is not a comprehensive list: submittals may be sent to 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		
<b>Acu-trol</b>	11830 Kemper Rd. Auburn, CA 95603; <a href="http://www.acu-trol.com">www.acu-trol.com</a> 530.823.9898; 800.273.4667; Fax: 530.823.9899		
AK100	AK110	AK200	AK400
AK600			
<b>Aquasol Controllers, Inc.</b>	2778 Bingle Houston, TX 77055; <a href="http://www.aquasol.com">www.aquasol.com</a> 800.444.0675; Fax: 713.683.6490; Fax: 800.909.3962		
WTC	SPC	WTC-P	SPC-M
<b>Chemcon, Inc</b>	5511 Brampton Rd, Dayton, OH 45429; 513.435.0792		
Model 12			
<b>Chemical Automation &amp; Technologies, Inc.</b>	18568 Office Park Dr, Gaithersburg, MD 20879; <a href="http://www.chemauto.com">www.chemauto.com</a> 301.990.8825; 800.657.CATS; Fax: 301.831.1227		
Cat 2000	Cat 2000 plus	CAT 4000	
<b>Hanna Instruments, Inc.</b>	584 Park East Dr, Woonsocket, RI 02895; <a href="http://www.hannainst.com">www.hannainst.com</a> 800.426.6287; Fax: 401.765.7575		
WM8912	HI 504*	MV 600*	MV 602*
	*Sensor probes are provided separately		
<b>Link Automation</b> (Division of Mer-Maid Filter)	25 Arrow Rd, Ramsey, NJ 07446; <a href="http://www.linkautomation.com">www.linkautomation.com</a> 201.236.0217; 800.546.5008; Fax: 201.236.0291		
100 series	1000 series		
<b>Mardon, Inc.</b>	2260 Dakota Dr, PO Box 554, Grafton, WI 53024; 262.377.8241; Fax: 262.377.6158		
HWR Model 12			
<b>Polaris-Watermatic Products Inc</b>	2620 Commerce Way, Vista, CA 92081-8438; <a href="http://www.polarispools.com">www.polarispools.com</a> 800. VAC-SWEEP; 760.599.9600; Fax: 877.327.1403		
C-460	C-560	C-660 w/ alarm and circulation pump interlock device	see notes
<b>Pulsatrol</b>	27101 Airport Rd, Punta Gorda, FL 33982; <a href="http://www.pulsatron.com">www.pulsatron.com</a> 941.575.3800; 800.333.6677; Fax: 941.575.4085		
series 200			
<b>Pulse Instruments</b>	16117 Covello St, Van Nuys, CA 91406; <a href="http://www.pulseinstruments.net">www.pulseinstruments.net</a> 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; <a href="http://www.sbcontrol.com">www.sbcontrol.com</a> 805.683.8833; 800.621.2279; Fax: 805.683.1893		
Chemtrol 210	Chemtrol 250		
Stranco Products, Inc	P.O.Box 389 Bradley, IL 60915; <a href="http://www.strancoaquatics.com">www.strancoaquatics.com</a> 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; <a href="http://www.walchem.com">www.walchem.com</a> 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 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 number, 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: the new represents the designation fro the new model which incorporates the G- 1000, C-300, and C-420 units into one unit: and is required for public spas.