

2026



Rola-Chem Product Catalog

ROLA-CHEM®

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About Rola-Chem

For more than six decades, Rola-Chem has helped pool and spa professionals simplify water care through reliable, technician-informed solutions. Focused on pool water quality systems for both commercial and residential applications, we provide complete, reliable systems designed to save time and reduce hassle. From proven technologies to continued innovation, every solution reflects the expertise and feedback of the pool service professionals who use them every day. Rola-Chem is proud to stay true to its roots and its commitment to “Maintenance Made Easy.”



Rola-Chem is a division of The Specialty Mfg. Co., a Minnesota-based manufacturer with more than 125 years of American manufacturing experience. Proudly made in the USA, The Specialty Mfg. Co. provides specialized manufacturing solutions across valves, couplers, design and fabrication and contract manufacturing.



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About Rola-Chem

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Mobile Apps

This app provides remote monitoring of your Rola-Chem Controller, delivering real-time visibility into pH and ORP levels. Easily view your latest readings in one place to stay informed, reducing the need for physical site visits.



“Rola-Chem’s Ready-to-Mount Systems include everything the contractor or installer needs for installation, eliminating the need to itemize and source individual components from multiple manufacturers.”

Sean Linderman
The Alpha Group

“After all these years of working with Rola-Chem, I see why they are a leader within the aquatic industry. It’s clear to me that they’ve put a ton of time, research, care and logic into providing products that just work - and work well. The chemical automation systems are simple to learn, built with quality materials and have options available to provide everything you may need within your system without all the extra complicated ‘stuff’ you don’t need. Straightforward, reliable and consistent performers every day - all day. It doesn’t matter how big or small the job is, Rola-Chem has it covered.”



Travis Thoms
Horizon Commercial Pools

Peristaltic Pumps

The heart of every Rola-Chem chemical feed system, Pro Series Peristaltic Pumps deliver precise, dependable chemical dosing with proven long-term durability. Designed for simple maintenance and reliable performance, they help pool and spa professionals keep water balanced while minimizing service time.

Variations Available

GPD: 0.9, 12, 38, 77

Voltage: 120, 240

Cord: short cord (2'), long cord (6.5'), conduit



Estimated Feed Rates

At Given Timer Settings - Gallons Per Day

Setting %	On Time	Off Time	RC301	RC303	RC305	RC307
1	5.4 sec	8.9 min	-	15.4 oz	48.6 oz	98.6 oz
2	10.8 sec	8.8 min	2.3 oz	30.7 oz	97.3 oz	1.54
3	16.2 sec	8.7 min	3.5 oz	46.1 oz	1.14	2.31
4	21.6 sec	8.6 min	4.6 oz	61.4 oz	1.52	3.08
5	27 sec	8.6 min	5.8 oz	76.8 oz	1.9	3.85
6	32.4 sec	8.5 min	6.9 oz	92.2 oz	2.28	4.62
7	37.8 sec	8.4 min	8.1 oz	107.5 oz	2.66	5.39
8	43.2 sec	8.3 min	9.2 oz	122.9 oz	3.04	6.16
9	48.6 sec	8.2 min	10.4 oz	1.08	3.42	6.93
10	54 sec	8.1 min	11.5 oz	1.2	3.8	7.7
15	1.4 min	7.7 min	17.3 oz	1.8	5.7	11.55
20	1.8 min	7.2 min	23.0 oz	2.4	7.6	15.4
25	2.3 min	6.8 min	28.8 oz	3	9.5	19.25
30	2.7 min	6.3 min	34.6 oz	3.6	11.4	23.1
35	3.2 min	5.9 min	40.3 oz	4.2	13.3	26.95
40	3.6 min	5.4 min	46.1 oz	4.8	15.2	30.8
45	4.1 min	5 min	51.8 oz	5.4	17.1	34.65
50	4.5 min	4.5 min	57.6 oz	6	19	38.5
55	5 min	4.1 min	63.4 oz	6.6	20.9	42.35
60	5.4 min	3.6 min	69.1 oz	7.2	22.8	46.2
65	5.9 min	3.2 min	74.9 oz	7.8	24.7	50.05
70	6.3 min	2.7 min	80.6 oz	8.4	26.6	53.9
75	6.8 min	2.3 min	86.4 oz	9	28.5	57.75
80	7.2 min	1.8 min	92.2 oz	9.6	30.4	61.6
85	7.7 min	1.4 min	97.9 oz	10.2	32.3	65.45
90	8.1 min	54 sec	103.7 oz	10.8	34.2	69.3
95	8.6 min	27 sec	109.4 oz	11.4	36.1	73.15
99	8.9 min	5.4 sec	114.0 oz	11.88	37.62	76.23
On	Continuous	-	115.2 oz	12	38	77

Peristaltic Pumps

Product Features

- NSF certified
- Fully digital timer
- Precise dosing increments for more control
- Self-priming design
- Quick-release cover for easy tubing access
- Three-way switch controls: timer, off, continuous
- Versatile mounting options
- 30 PSI rating
- 18 ft suction lift
- 9-minute cycle
- 2.5 maximum amps



Feed Cycle Calculator

Find the optimal feed settings for your pool chemical system. Enter your pool volume and ORP and pH pump sizes to calculate the chemical amount and feed time needed for a $\frac{1}{4}$ or $\frac{1}{2}$ PPM increase. Then, round up to the nearest available feed time setting on your controller.

Pump Output - Timer Mode

GPD = Gallons Per Day

* = Using 12.5% liquid chlorine

† = Per California building code title 24

Pro Series 300 Model	Min Feed / 24 hr	Max Feed / 24 hr	Spa Volume (gal)*	Pool Volume (gal)*	Max Volume (gal)*†
RC-301	0.01 GPD	0.9 GPD	500-2,500	2,500-5,000	3,000
RC-303	0.10 GPD	12 GPD	2,500-25,000	5,000-65,000	40,000
RC-305	0.34 GPD	38 GPD	-	65,000-200,000	127,000
RC-307	1.0 GPD	77 GPD	-	180,000-400,000	257,000

Pump Output with Digital Controller

Pro Series 300 Model	Controller Output	Recommended Spa Volume (gal)	Recommended Pool Volume (gal)
RC-301	.08 oz/min	not recommended	not recommended
RC-303	1.06 oz/min	500-2,000	up to 30,000
RC-305	3.37 oz/min	2,000-5,000	up to 80,000
RC-307	6.84 oz/min	5,000-12,000	80,000+

Pump Accessories

Keep your Pro Series Peristaltic Pumps operating at peak performance with replacement parts and accessories designed for compatibility, reliable operation and simplified maintenance. From motors and timers to tubing, valves and fittings, these components help support long-term system performance.



Ball Valve
521172



Brass Injection Fitting
527158



Brass Stud
525004



Check Valve (In-Line)
521160



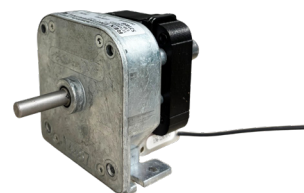
Check Valve (1/4 NPT)
521170



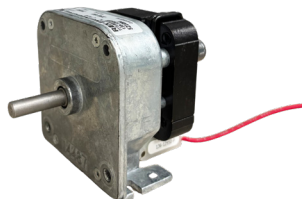
Back Enclosure
543833



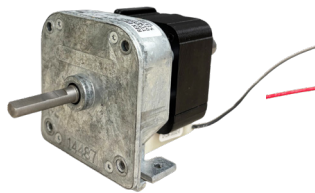
Front Enclosure
543832



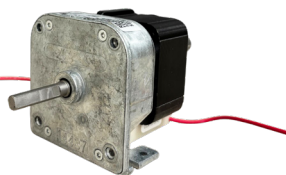
Gearmotor (1 RPM, 120V)
521058



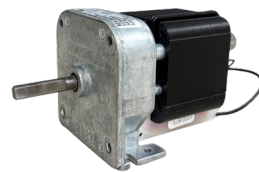
Gearmotor (1 RPM, 240V)
521094



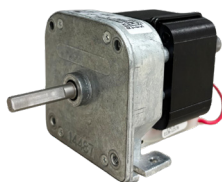
Gearmotor (16 RPM, 120V)
521316



Gearmotor (16 RPM, 240V)
521317



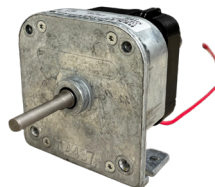
Gearmotor (30 RPM, 120V)
524756



Gearmotor (30 RPM, 240V)
524755



Gearmotor (4 RPM, 120V)
521805



Gearmotor (4 RPM, 240V)
521806



Hose Assembly
(13.5", Black Tygon, Poly)
523255



Hose Assembly
(13.5", Black Tygon, Vinyl)
523140



Hose Assembly
(13.5", Tygon, Vinyl)
523118



Hose Assembly
(8", Black Tygon, Vinyl)
523414



Hose Assembly
(8", Tygon, Vinyl)
523252

Pump Accessories



Hose Clamp (Small)
520110



Hose Clamp (Large)
525114



Hose Fitting
520111



Hose Stop Retainer
520112



Injection Fitting
527159



Injection Adapter
520113



Lubricant
523102



Pinch Tube
(13.5\", Black Tygon, Adapter)
523256



Pinch Tube
(13.5\", Black Tygon)
523114



Pinch Tube
(13.5\", Clear)
523115



Pinch Tube
(8\", Black Tygon)
523251



Pinch Tube
(8\", Clear)
523250



Pump Accessories Kit
543856



Pump Fan (Black)
524227



Pump Fan (White)
524752



Roller (2\"/>



Roller (Tri)
523400



Roller Housing Body
543842



Roller Housing Cover
543835



Roller Housing Knob
523408



Injection Fitting Seal
525113



Timer (120V) -
Legacy
524065



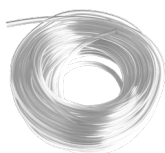
Timer (240V) -
Legacy
524066



Timer Replacement Kit -
Pro Series
543846



Tubing (100', Acid)
520125



Tubing (100')
520116



Tubing (66\")
520120



Tubing (100', Chlorine)
520124



Weighted Hose Fitting
523110



Wing Nut
525140

Digital Controllers

Rola-Chem's Generation II Digital Controllers automate water chemistry with precision, monitoring pH, ORP and FAC in real time. Easy to install and intuitive to operate, they ensure compliance, reduce manual testing and keep pools and spas crystal clear around the clock.

RC554XP Variations Available

- Controller only
- Flow Cell Kit (Flow Cell, Flow Switch, Valves, Fittings)
- 40' of 3/8" Black Tubing with Fittings
- pH and ORP Probes

RC554XP Product Features

- Digital display
- Timed or continuous feed settings
- High and low alerts
- Built-in safety timeouts
- Compatible with peristaltic pumps, erosion feeders and solenoid applications
- Single ORP monitoring and control
- Recommended for pools and spas up to 30,000 gallons
- Compatible with the Rola-Chem Remote Monitor



	pH	ORP	Feed Cycle
Factory Setting	7.4	650 mV	0.6 seconds
Display Range	6.8 - 8.2	0 - 995 mV	-
Setpoint Range	7.0 - 8.0	400 - 900 mV	-
Feed Cycles	0.6 to 900 seconds with 5-minute analyzation periods		
Power	120V corded (input/output)		
Feed	Timed or continuous		
Maximum Output (10 amps)	5 amps	5 amps	

Digital Controllers

RC555XXP Variations Available

- Controller only
- Flow Cell Kit (Flow Cell, Flow Switch, Valves, Fittings)
- 40' of 3/8" Black Tubing with Fittings
- pH and ORP Probes
- Ethernet Cable

RC555XXP Product Features

- Digital display
- Timed or continuous feed settings
- High and low alerts
- Built-in safety timeouts
- Compatible with peristaltic pumps, erosion feeders and solenoid applications
- Dual ORP and FAC monitoring
- Recommended for pools and spas over 30,000 gallons
- Ethernet-ready for remote monitoring



	pH	ORP 1	ORP 2	Feed Cycle
Factory Setting	7.4	650 mV	640 mV	10 seconds
Display Range	6.8 - 8.4	0 - 995 mV	0 - 995 mV	-
Setpoint Range	7.0 - 8.0	400 - 900 mV	400 - 900 mV	-
Feed Cycles	0.6 to 900 seconds with 5-minute analyzation periods			
Power	120V corded (input/output)			
Feed	Timed or continuous			
Maximum Output (9.45 amps)	3.15 amps	3.15 amps	3.15 amps	

Controller Accessories

Keep your Digital Controllers operating at peak performance with replacement parts and accessories designed for compatibility, reliable operation and simplified maintenance. From flow cells and probes to Solenoid Valve Kits and Pressure Switches, these components support accurate chemical control and long-term system performance.



1/2" Fitting
550089



1/4" Black Poly Tube
550027



1/4" Injector Fitting
550026



1/4" Quick Connect Valve
550054



3/8" Injector Fitting
550193



3/8" Poly Tube (40' Roll)
550225



3/8" Poly Tube (by foot)
550194



Flow Cell
550181



Flow Cell Kit
550180



Flow Switch
550183



Gold Tip ORP Probe
550201



Mounting Board
554114



ORP Probe (3' Long)
550209



ORP Probe (8' Long)
550136



pH Probe (3' Long)
550208



pH Probe (8' Long)
550135



Remote Monitor
554400



Strainer Kit (Large)
550591



Strainer Kit (Screen)
5580140



Strainer Kit (Small)
550592



3/8" Male NPT Valve
6389490



1/4" MNPT 3/8" PTC
7125190

Controller Accessories

Solenoid Valve Kit

550300

The 1/2" 110V Solenoid Valve Kit automatically opens and closes to control chemical feed in higher-flow applications. Complete with a solenoid, check valve and strainer, it provides reliable flow control for commercial pool and spa systems.



Interlock Pressure Switch Kit

550311, 550331

Rola-Chem's Pressure Switches add an extra layer of protection to chemical feed systems by enabling pumps only when system pressure is present. This safeguard helps prevent chemicals from being pumped into the circulation line when the system is off, supporting safer and more reliable operations.

- 120V and 240V options available
- Adjustable minimum pressure requirement from 1-6 PSI
- Compatible with any automated chemical controller system
- Required by many municipalities as a secondary safety component on automated controllers or standalone feeders
- UL-listed components for dependable performance



Ready-to-Mount Systems

Pre-assembled panels that combine pumps, controllers and accessories into one complete solution. Just add power, a chemical tank and wall space - and you're ready for faster installations, fewer service calls and consistent water quality.

All Boards Include

- Flow Cell Kit (Flow Cell, Flow Switch, Valves, Fittings)
- pH and ORP Probes

Variations Available

- **Peristaltic Pumps quantity:** zero, one, two
- **GPD:** 12, 38, 77
- **Digital Controller:** single ORP, dual ORP
- **Tubing with Fittings:** 40' of 3/8" Black, 100' of 7/16" Clear
- Solenoid Kit



Ready-to-Mount Systems

Product Features

- All components required for pool automation mounted on a polypropylene board
- Available with 554XP and 555XXP Digital Controllers
- Control any pool dosing needs: liquid, dry erosion and gas
- Pumps and controllers also sold separately to meet specific dosing needs
- Simplify chemistry automation with a single part number for easy ordering



Flowmeters

Rola-Chem Flowmeters provide accurate, reliable flow measurement for chemical feed systems. Designed with a wide chamber to help reduce mineral buildup and simplify maintenance, they deliver dependable performance for commercial pool and spa applications.

Variations Available

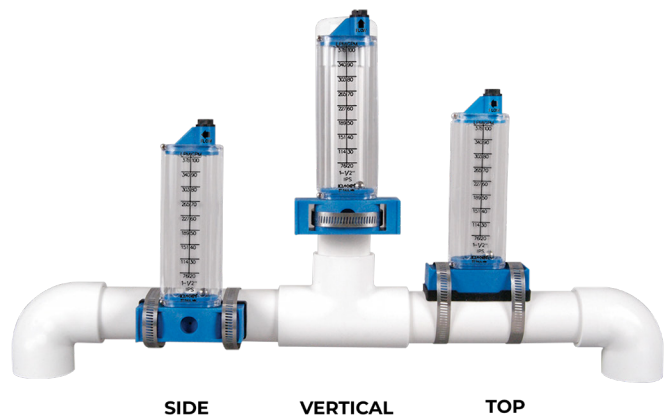
Mount Type: side, top, vertical

Pipe Material: copper, PVC

Pipe Size: 1", 1¼", 1½", 2", 2½", 3", 4", 6", 8"

Product Features

- Wide chamber design reduces mineral buildup
- Accurate flow measurement
- Dual-scale indicator (GPM and LPM)
- Serviceable design for simplified maintenance
- Compatible with copper and Schedule 40 PVC pipe
- Rated for water temperatures up to 200°F



Flowmeter Sizing Guide

*A = Minimum distance from downstream elbow or restriction

**B = Minimum distance from upstream elbow or restriction

Model No.	Pipe Material	Pipe Size	A* Minimum	B** Minimum	Range GPM	Range LPM	Clamp Size
570321 (S, T, V)	PVC	1"	5"	10"	10-30	38-114	40
570331 (S, T, V)	PVC	1.25"	6"	11"	15-50	57-189	44
570340 (S, T, V)	COPPER	1.5"	8"	15"	20-55	76-208	44
570341 (S, T, V)	PVC	1.5"	8"	15"	25-60	95-227	44
570350 (S, T, V)	COPPER	2"	10"	20"	40-140	151-530	56
570351 (S, T, V)	PVC	2"	10"	20"	40-140	151-530	56
570361 (S, T, V)	PVC	2.5"	13"	25"	70-240	265-908	64
570370 (S, T, V)	COPPER	3"	15"	30"	100-280	379-1060	64
570371 (S, T, V)	PVC	3"	15"	30"	100-300	379-1136	64
570380 (S, T, V)	COPPER	4"	20"	40"	200-480	757-1816	44 (2)
570381 (S, T, V)	PVC	4"	20"	40"	175-500	662-1893	44 (2)
570391 (S, T, V)	PVC	6"	30"	60"	400-1050	1514-3975	64 (2)
570401 (S, T, V)	PVC	8"	40"	80"	700-1900	2650-7192	72 (2)

Chemical Tanks

Chemical Tanks are engineered for safe, reliable storage and seamless integration with our pumps and controllers. Featuring a permanent lid with secure locking access and predrilled supply entry, our tanks enhance containment, help prevent contamination and deliver long-term performance.

Product Features

- 4" locking manway cover, with a built-in vent, for secure access
- Available in 5, 15, 30 and 55 gallon size options
- Permanent lid design for optimal containment
- Pre-drilled supply tube access for simplified installation and an integrated grommet to ensure a reliable fit



System Tanks are a convenient pump/tank combo designed to streamline chemical dosing setups. Featuring a durable poly tank engineered for Rola-Chem's peristaltic pumps, they simplify installation while supporting safe storage and consistent chemical delivery.

Product Features

- Heavy-duty construction formed from high-density polyethylene
- Integrated refill and pick-up openings for convenient chemical handling
- System tank also available without pump to meet specific installation needs
- Translucent design allows for quick visual monitoring of chemical levels
- UV-protected material helps shield chemicals from sun exposure

Part Number	Product Description	Capacity	Height	Diameter	Weight
561505	Tank/Cover/Plug	5 Gallon	15.5"	15"	6#
561515	Tank/Cover/Plug	15 Gallon	23"	17"	15#
561530	Tank/Cover/Plug	30 Gallon	30"	20"	17#
561555	Tank/Cover/Plug	55 Gallon	38"	27"	22#
561265	System Tank	15 Gallon	36.75"	15"	12#

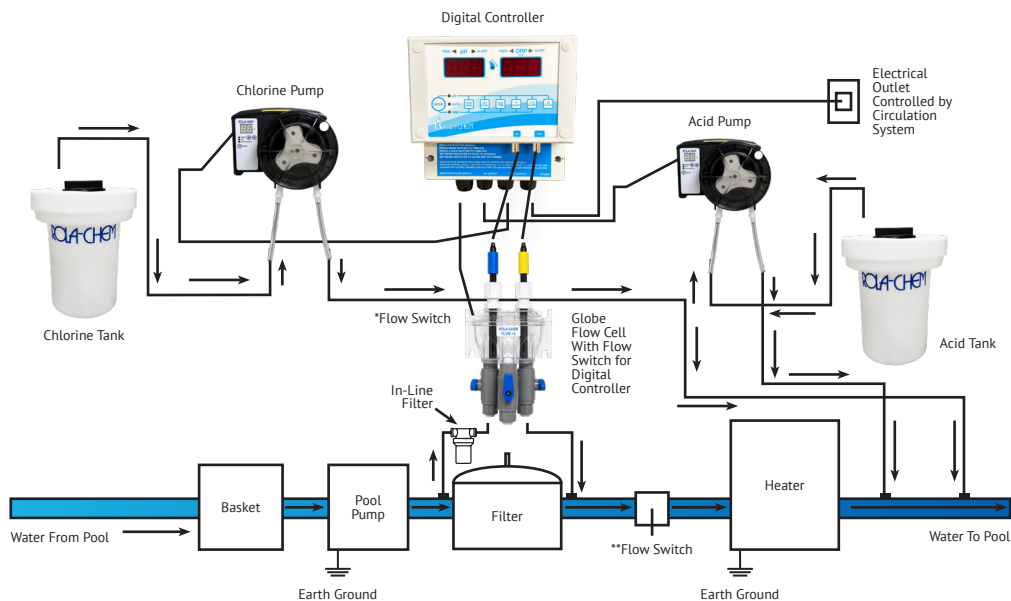


System Diagrams

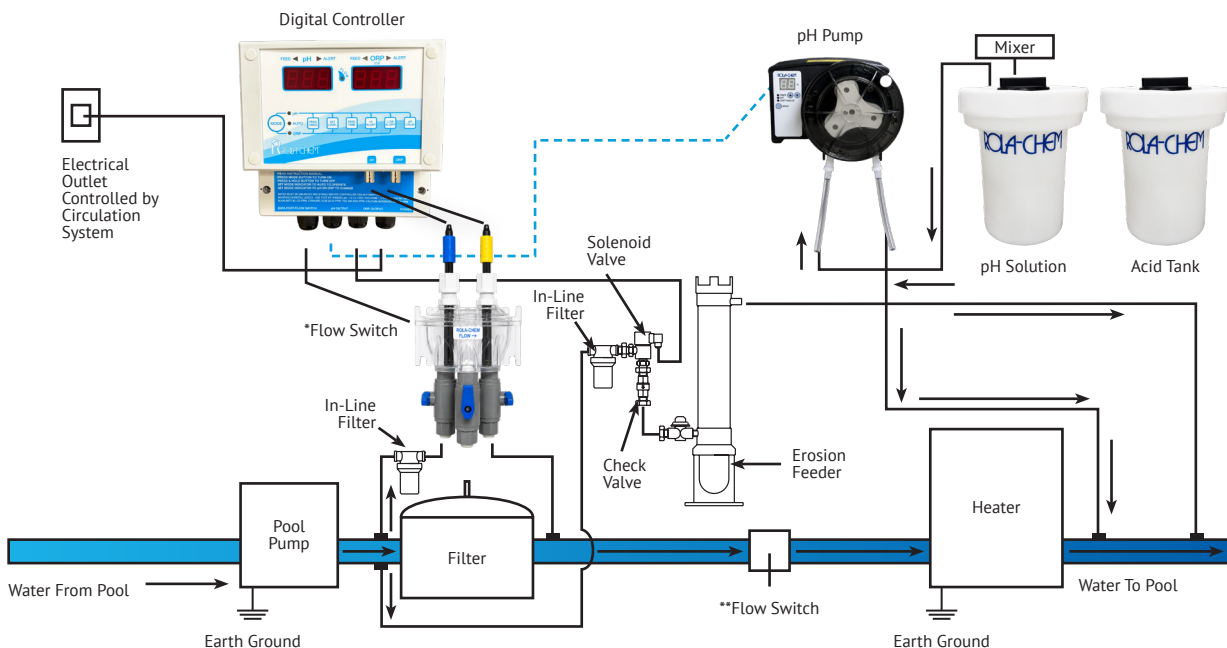
Liquid System

*Flow Switch to ensure circulation to control probes and indication that pool circulation is occurring (included in Digital Controller/Globe Flow Cell only).

**Safety Flow Switch for protection of heater.



Erosion System



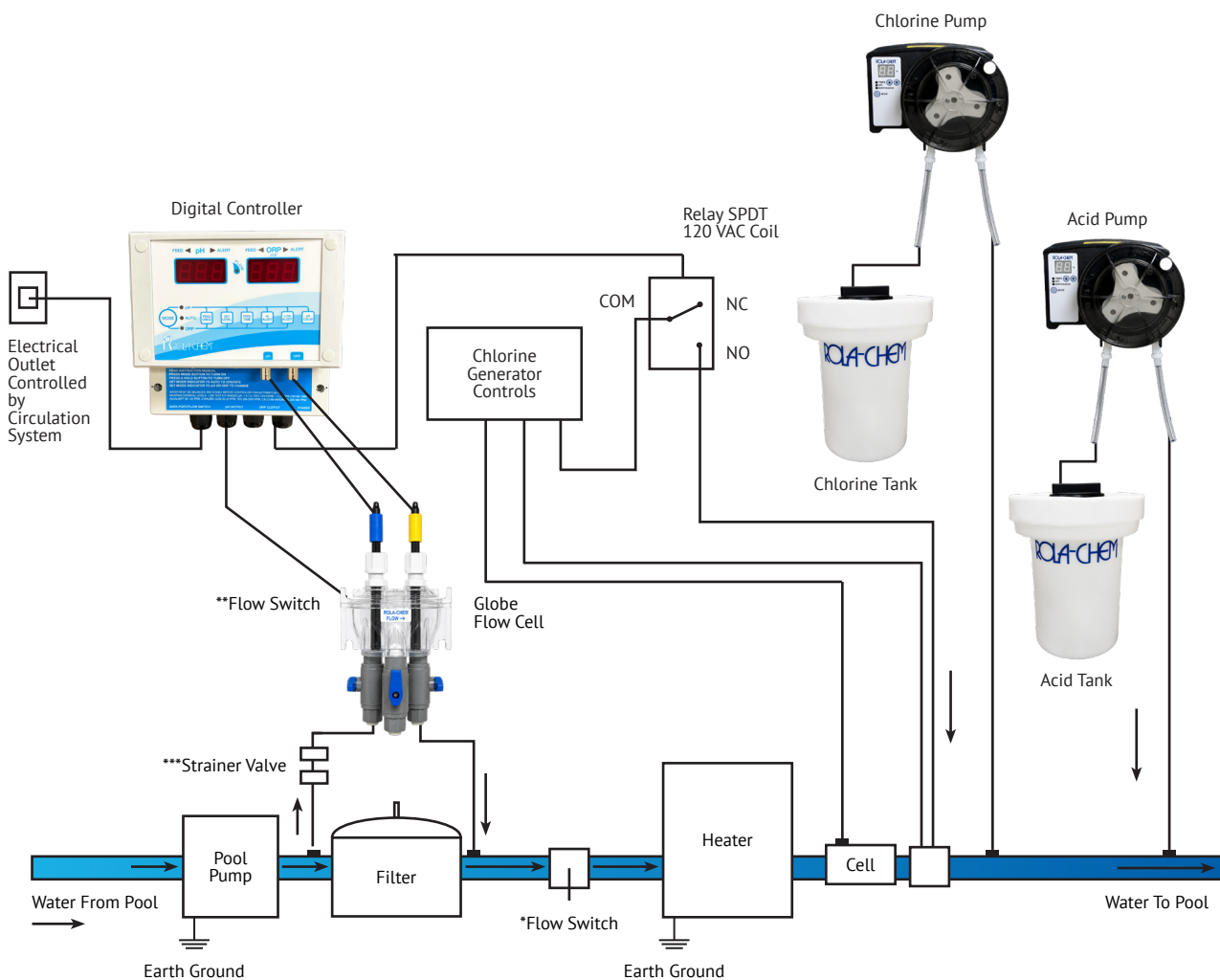
System Diagrams

Chlorine Generator

*Safety Flow Switch for protection of heater.

**Safety Flow Switch to ensure circulation to control probes and indicator that pool circulation is occurring.

***Strainer and valve to help keep manifold and probes clear of debris.



Residential

Rola-Chem's residential line offers practical solutions for everyday pool and spa care, from water treatment and filtration to cleaning and upkeep. Designed to simplify routine maintenance, these products help pool owners keep their water clean, clear and ready to enjoy.



Clean Start H₂O Pre-Filter

Provide cleaner water from the start by reducing metals, sand, silt, dirt and suspended particles before they enter your pool or spa. Available in three variations, including a standard 10,000-gallon pre-filter and Clean Start Plus models with 10,000- or 20,000-gallon capacities.



Easy Clean Brush

Make pool cleaning easier with 360° cleaning coverage and dense bristles designed to tackle dirt and everyday buildup. Available in 12- and 18-inch sizes, both brushes fit standard telescopic poles for versatile cleaning.



Filtration Connection Locking Hose

Simplify your filtration connections with a 6-foot locking hose that comes complete with all necessary connectors and gaskets. With no tools, clamps or glue required, it helps reduce leaks and makes installation and pool winterization easier.



Pool Sentry Water Leveler

Automatically maintains a consistent water level in pools and spas as water evaporates. Its adjustable float helps protect pumps from damage caused by low water levels, while the portable design requires no tools.



Spa Vac

Self-contained manual vacuum designed to quickly remove dirt and debris from spas and pools. No pumping, batteries or water hookup required, with an aluminum telescopic pole extending over 7 feet.



Scumberg



Ultra Mitt



Ultra Screen



Ultra Net



Ultra Patch



Ultra Handle



Ultra Strip

Maintenance Made Easy



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