MAINTENANCE MADE EASY



Superior Products & Support for the Swimming Pool & Spa Service Professional



MAINTENANCE MADE EASY



ROLA-CHEM IS MAINTENANCE MADE EASY

Our goal is to make maintenance easier for pool and spa service professionals. We are your trusted source for reliable equipment that will save you time and money and allow your customers to spend more time enjoying their investment.

Pool Professionals Tell Us That Maintenance is Made Easier...

- When system equipment is intuitive and works
- When system components needed can be sourced from one company, ordered with a single part number and trained professionals are available via call or online chat
- When complete systems can be easily installed and set up right from the box
- When set up can be achieved without manuals
- When little technical expertise is needed
- When troubleshooting and support videos are hosted on YouTube
- When all you need is the electrical, tanks, and space to hang a fully integrated, Ready-to-Mount System—no complicated instructions
- When your customer can spend 60% less time monitoring and managing pool and spa water quality then with other methods





A LEGACY OF INNOVATION

For over fifty years Rola-Chem has relied on the expertise and best practices of certified pool service professionals to achieve the perfect pool. From large pool service companies to small owner-operated businesses, the Rola-Chem brand has remained true to its roots and remains focused solely on pool water quality systems in both commercial and residential installations. At the core of our success is the reliable Rola-Chem peristaltic pump. While the basic function of our pump/controller systems remains the same (programmed chemical dosing and monitoring), our products have evolved as technology has advanced. Our ability to provide consistent improvements to our systems would not be possible without feedback from you, the Pool Service Pro.



"Because Rola-Chem is so reliable and easy-to-use, I can serve more customers and make more money."

Hector Munoz—HDM Pools



WARNING: This product can expose you to chemicals including Carbon Black which is known to the state of California to cause cancer. For more information go to www.p65warnings.ca.gov

WHAT'S NEW?

This catalog presents several new ways that Maintenance is Made Easy by Rola-Chem:

- The New PRO Series 300 Feeder
- 5 new Ready-to-Mount Systems
- Links to Installation and How-to videos



Pool Pros Coast to Coast-Pro tips to simplify your Job

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Maintenance is made easier with our YouTube video library. From installation and set-up to trouble shooting, help with Rola-Chem equipment is a click away.

youtube.com/user/inforolachem



NEW! THE PRO SERIES 300 PERISTALTIC PUMPS

The **NEW PRO Series 300 Peristaltic Pumps**

maintain the best of the Rola-Chem Pro Series legacy* while improving primary function and simplifying set up.





ALL ROLA-CHEM PUMPS ARE (NSF) c(VL)us LISTED

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	_	0.12	0.38	0.77	
2	10.8 SEC	8.8 MIN	0.02	0.24	0.76	1.54	
3	16.2 SEC	8.7 MIN	0.03	0.36	1.14	2.31	
4	21.6 SEC	8.6 MIN	0.04	0.48	1.52	3.08	
5	27.0 SEC	8.6 MIN	0.05	0.60	1.90	3.85	
6	32.4 SEC	8.5 MIN	0.05	0.72	2.28	4.62	
7	37.8 SEC	8.4 MIN	0.06	0.84	2.66	5.39	
8	43.2 SEC	8.3 MIN	0.07	0.96	3.04	6.16	
9	48.6 SEC	8.2 MIN	0.08	1.08	3.42	6.93	
10	54.0 SEC	8.1 MIN	0.09	1.20	3.80	7.70	
15	1.4 MIN	7.7 MIN	0.14	1.80	5.70	11.55	
20	1.8 MIN	7.2 MIN	0.18	2.40	7.60	15.40	
25	2.3 MIN	6.8 MIN	0.23	3.00	9.50	19.25	
30	2.7 MIN	6.3 MIN	0.27	3.60	11.40	23.10	
35	3.2 MIN	5.9 MIN	0.32	4.20	13.30	26.95	
40	3.6 MIN	5.4 MIN	0.36	4.80	15.20	30.80	
45	4.1 MIN	5.0 MIN	0.41	5.40	17.10	34.65	
50	4.5 MIN	4.5 MIN	0.45	6.00	19.00	38.50	
55	5.0 MIN	4.1 MIN	0.50	6.60	20.90	42.35	
60	5.4 MIN	3.6 MIN	0.54	7.20	22.80	46.20	
65	5.9 MIN	3.2 MIN	0.59	7.80	24.70	50.05	
70	6.3 MIN	2.7 MIN	0.63	8.40	26.60	53.90	
75	6.8 MIN	2.3 MIN	0.68	9.00	28.50	57.75	
80	7.2 MIN	1.8 MIN	0.72	9.60	30.40	61.60	
85	7.7 MIN	1.4 MIN	0.77	10.20	32.30	65.45	
90	8.1 MIN	54.0 SEC	0.81	10.80	34.20	69.30	
95	8.6 MIN	27.0 SEC	0.86	11.40	36.10	73.15	
99	8.9 MIN	5.4 SEC	0.89	11.88	37.62	76.23	
On	CONTINUOUS		0.90	12.00	38.00	77.0	

The Pro Series 300 Features:

- New commercial design
- Fully digital timer
- Refined dosing increments for more precise control
- New, more versatile mounting options
- Other features include: quick-release cover for fast tubing access, threeway switch controls timer/off/continuous, self-priming pump and clear Tygon and Black Norprene Squeeze Tubes
- The Pro Series 300 retains a 30psi rating and versatile 18-ft. suction lift.
- Pumps operate on 9-minute cycles and are available in 120V or 240V corded or permanent wire configurations with maximum amps-2.5

SEE ROLA-CHEM.COM FOR THE COMPLETE LIST OF PRO SERIES 300 MODELS

LEGACY PRO SERIES PERISTALTIC PUMPS

Rola-Chem peristaltic pumps deliver professional quality features that simplify operation and maintenance.



ROLA-CHEM PRO SERIES SIZING GUIDE

ESTIMATED MAXIMUM GALLONS PER DAY

SETTINGS	ON	OFF	RC-252	RC-25/53	RC-103	RC-503
LO	4 SEC.	8 MIN. 56 SEC.	.01	.10	.34	1.00
2	1.5 MIN.	7.5 MIN	.18	1.20	3.72	8.88
3	3 MIN.	6 MIN.	.33	3.60	10.80	24.00
4	4.5 MIN.	4.5 MIN.	.50	6.00	19.40	40.00
5	6 MIN.	3 MIN.	.66	8.40	25.20	53.00
6	7.5 MIN.	1.5 MIN.	.78	11.00	33.40	67.00
HI	8 MIN. 56 SEC.	4 SEC.	.90	12.00	38.00	77.00
OUNCES	PER MINUTE AT	FULL ON	.08	1.06	3.37	6.84

ROLA-CHEM PRO SERIES OUTPUT

PRO SERIES 300 MODEL	LEGACY SERIES MODEL	MINIMUM FEED RATE/24HR	MAXIMUM FEED RATE/24HR	RECOMMENDED VOLUME OF SPA WATER TO BE TREATED (GALLONS)*	RECOMMENDED VOLUME OF POOL WATER TO BE TREATED (GALLONS)*	MAX. VOLUME OF WATER TO BE TREATED (GALLONS) - PER CALIFORNIA BUILDING CODE TITLE 24
RC-301	RC-252 SC	.01 GPD	.9 GPD	500-2,500	2,500-5,000	3,000
RC-303	RC-25/53 SC	.12 GPD	12 GPD	2,500-25,000	5,000-65,000	40,000
RC-305	RC-103 SC	.38 GPD	38 GPD	-	65,000-200,000	127,000
RC-307	RC-503 SC	.75 GPD	77 GPD	-	180,000-400,000	257,000

GPD = GALLONS PER DAY *USING 12.5% LIQUID CHLORINE

GENERATION II DIGITAL CONTROLLERS



MODEL SHOWN: RC554XP Digital pH/ORP Controller

P/N 554000

UPC 7-57706 00136-6	рН	ORP	Feed Cycle
Factory Setting	7.4	650 mV	.6 Seconds
Display Range	6.8-8.2	0-995 mV	
Setpoint Range	7.0-8.0	400-900 mV	

Feed Cycles	.6 to 900 seconds w/ 5-minute analyzation periods
Power	120V corded (input/output)
Feed	Timed or Continuous
Maximum Output	5 Amps

INCLUDES: Controller, flow cell with flow switch, probes, 3/8" tubing and fittings.

ALL ROLA-CHEM CONTROLLERS ARE (NSF.) NSF ANSI CERTIFIED



MODEL SHOWN: RC554XXP

Digital pH/Dual ORP Controller

7.0-8.0

Used to Control Two Sanitizer Sources

P/N 554300 UPC 7-5770 600143-4 ORP 1 Feed Cycle рΗ ORP 2 **Factory Setting** 7.4 650 mV 640 mV .6 Seconds 0-995 mV Display Range 6.8 - 8.20-995 mV

400-900 mV

Feed Cycles	.6 to 900 seconds w/ 5-minute analyzation periods
Power	120V corded (input/output)
Feed	Timed or Continuous
Maximum Output	3.15 Amps

INCLUDES: Controller, flow cell with flow switch, probes, 3/8" tubing and fittings.

Digital pH/ORP Controllers Feature:

- Digital readouts
- ORP technology
- Redox sensor
- Dip switch programmable settings
- Timed or continuous feed settings
- Built-in out-of-range safety timeouts
- pH calibration

Setpoint Range

- Acid or base feed
- Microprocessor logic
- Globe flow cell with flow switch
- Compatible with most peristaltic pumps

400-900 mV

• Can also be used with erosion feeder/solenoid applications

MANUFACTURED IN THE USA

5-YEAR LIMITED WARRANTY ON CONTROLLER ELECTRONICS. 1-YEAR LIMITED WARRANTY ON PROBES, FLOW CELL AND VALVE. NOTE: It is recommended that an in-line filter system (part number 550591) be used before the flow cell. MET controllers are also available.

DIGITAL CONTROLLERS



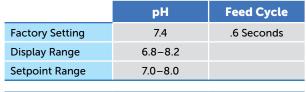
MODEL SHOWN: RC554P

Digital pH Controller

P/N 554200 UPC 7-57706 00140-3

- Easy to read, sun bright LED display
- Compact package (approx. 7" x 3" x 3")

MANUFACTURED IN THE USA



Feed Cycles	.6 to 900 seconds w/ 5-minute analyzation periods
Power	120V corded (input/output)
Feed	Timed or Continuous
Maximum Output	5 Amps

INCLUDES: Controller, flow cell with flow switch, PH probe, 3/8" tubing and fittings.



MODEL SHOWN: RC554X Digital ORP Controller

P/N 554230 UPC 7-57706 00142-7

- Easy to read, sun bright LED display
- Compact package (approx. 7" x 3" x 3")

MANUFACTURED IN THE USA

	ORP	Feed Cycle
Factory Setting	650 mV	.6 Seconds
Display Range	0-955 mV	
Setpoint Range	400-900 mV	

Feed Cycles	.6 to 900 seconds w/ 5-minute analyzation periods
Power	120V corded (input/output)
Feed	Timed or Continuous
Maximum Output	5 Amps

INCLUDES: Controller, flow cell with flow switch, ORP probe, 3/8" tubing and fittings.





MODEL RC554M Controller Remote Monitor

P/N 554400 UPC 7-57706 00147-2

- Monitor is compatible with Rola-Chem Generation II Digital pH/ORP Controllers: RC554XP (manufactured after October 2015) and RC554XXP (manufactured after May 2016)
- Monitor will upload controller data at specific intervals that are set by operator

- Secure website with operator set password
- Serial connection cable from monitor to data port of controller is included
- A hardwired ethernet connection with unrestricted internet access must be available
- LED lights verify connection to local network (Green) and activity (Amber)
- Internal reset button—used to reconnect monitor to server
- Power down will automatically reconnect monitor to server
- No subscription required

5-YEAR LIMITED WARRANTY ON CONTROLLER ELECTRONICS. 1-YEAR LIMITED WARRANTY ON PROBES, FLOW CELL AND VALVE. NOTE: It is recommended that an in-line filter system (part number 550591) be used before the flow cell.



"After setting up my first Rola-Chem Remote Monitor, I received an alert from the webbased system that prompted a call to my resort customer to check on it. He told me it was a "low flow signal" he was able to quickly correct, I was relieved and the alert saved me a long drive to trouble shoot the problem. I saved time, my customer saved money."

John Sims—Commercial Pool Supply



READY-TO-MOUNT SYSTEMS



ALL COMPONENTS REQUIRED FOR POOL AUTOMATION MOUNTED ON A POLYPROPYLENE BOARD

Easy Set-up, Reliable Dosing, Trusted—All in One System

Pool professionals have told us our Ready-to-Mount systems take the hassle out of installing and maintaining water chemistry control. Each of the Ready-to-Mount configurations include: fully integrated, board mounted pump(s), controller and monitoring components that are literally plug and play. And the best part is—each system can be ordered with one part number and one PO. All you need is a supply tank and electricity. You and your customer are on their way to the Perfect Pool faster than ever.

MODEL SHOWN: 554500

UPC 7-57706 00116-8

pH Liquid Acid/ORP Liquid Chlorine System

INCLUDES: Programmable Digital pH/ORP Controller complete with Flow Cell, Flow Switch, Sample Valves, ORP and pH Probes, 40' of Black 3/8" Tubing, 100' Clear 7/16" Tubing and Fittings, two Pro Series 300Peristaltic Pumps 38 GPD), In-line Flow Cell Strainer.

Also Available:

554501 UPC 7-57706 00117-5

Includes one 38 GPD & one 12 GPD Peristaltic Pump

554502 UPC 7-57706 00118-2

Includes two 1 GPD Peristaltic Pumps

554503 UPC 7-57706 00119-9

Includes two 12 GPD Peristaltic Pumps

554504 UPC 7-57706 00120-5

Includes one 1 GPD & one 12 GPD Peristaltic Pump

554508 UPC 7-57706 00123-6

Includes two 77 GPD Peristaltic Pumps

554512 UPC 7 57706 00126-7

includes one 77 GPD & one 38 GPD Peristaltic Pump

MODEL SHOWN: 554518

UPC 7-57706 00131-1

Control Two Sanitizer Sources with Digital pH/Dual ORP System

INCLUDES: Programmable Digital pH/Dual ORP Controller complete with Flow Cell, Flow Switch, Sample Valves, ORP and pH Probes, 40' of Black 3/8" Tubing, 100' Clear 7/16" Tubing and Fittings, two Peristaltic Pumps(38 GPD), In-line Flow Cell Strainer.

Also Available:

554519 UPC 7-57706 00132-8

Includes one 38 GPD Peristaltic Pump and one Solenoid Kit

554520 UPC 7-57706 00133-5

Includes one 38 GPD Peristaltic Pump &

one 12 GPD Peristaltic Pump

554521 UPC 7-57706 00134-2

Includes one 12 GPD and one Solenoid Kit

554522 UPC 7-57706 00135-9

Includes two 12 GPD Peristaltic Pumps







ALL COMPONENTS REQUIRED FOR POOL AUTOMATION MOUNTED ON A POLYPROPYLENE BOARD

MODEL SHOWN: 554510 UPC 7-57706 00124-3

pH/ORP Erosion Feeder System

INCLUDES: Programmable Digital pH/ORP Controller complete with Flow Cell, Flow Switch, Sample Valves, ORP and pH Probes, 40' of Black 3/8" Tubing, 100' Clear 7/16" Tubing and Fittings, one Peristaltic Pump (38 GPD), 120 volt Solenoid Kit (includes Solenoid, In-line filter and Check Valve), In-line Flow Cell Strainer.

Erosion Feeder NOT included.

Also Available:

554505 UPC 7-57706 00121-2 Includes one **12 GPD** Peristaltic Pump and one Solenoid Kit

550290 UPC 7-57706 00240-0

Solenoid Kit

Rola-Chem Solenoid Kit 550290 is rated for a maximum pressure differential of 6 psi and has a valve coefficient (Cv) of 2. Some erosion feeders require a solenoid rated for higher flow. Contact the manufacturer for requirements.





MODEL 554511

UPC 7-57706 00125-0

pH/ORP Salt Generator System

INCLUDES: Programmable Digital pH/ORP Controller complete with Flow Cell, Flow Switch, Sample Valves, ORP and pH Probes, 40' of Black 3/8" Tubing, 100' Clear 7/16" Tubing and Fittings, one Peristaltic Pump (38 GPD), In-line Flow Cell Strainer.

Power output to Salt Generator (not included) is 110 Volt 5 Amp

Also Available:

554506 UPC 7-57706 00122-9 Includes one **12 GPD** Peristaltic Pump



"A Rola-Chem Ready-To-Mount system installation requires very little technical expertise. Most customers can be guided on system set up questions over the phone I can't say that about any other manufacturer's system."

Mike Volkers, CFP-Horizon Pool Supply



READY-TO-MOUNT SYSTEMS



ALL COMPONENTS REQUIRED FOR POOL AUTOMATION MOUNTED ON A POLYPROPYLENE BOARD

MODEL SHOWN: 554513

UPC 7-57706 00127-4

pH Only Liquid Acid System

INCLUDES: Programmable Digital pH Controller complete with Flow Cell, Flow Switch, Sample Valves, pH Probe, 40' of Black 3/8" Tubing, 100' Clear 7/16" Tubing and Fittings, one Peristaltic Pump (38 GPD), In-line Flow Cell Strainer.

Also Available:

554514 UPC 7-57706 00128-1 includes one 12 GPD Peristaltic Pump



MODEL SHOWN: 554516

UPC 7-57706 00129-8

ORP Only Liquid Chlorine System

INCLUDES: Programmable Digital ORP Controller complete with Flow Cell, Flow Switch, Sample Valves, ORP Probe, 40' of Black 3/8" Tubing, 100' Clear 7/16" Tubing and Fittings, one Peristaltic Pump (38 GPD), In-line Flow Cell Strainer.

Also Available:

554229 UPC 7-57706 00106-9 Includes one 120 volt Solenoid Kit (for Erosion System)

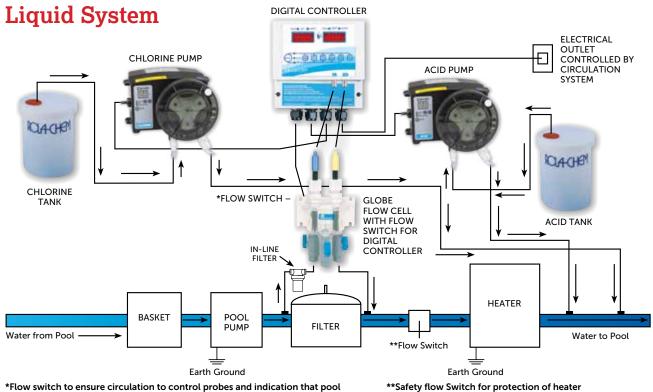
554517 UPC 7-57706 00130-4 Includes one 12 GPD Peristaltic Pump



youtube.com/user/inforolachem



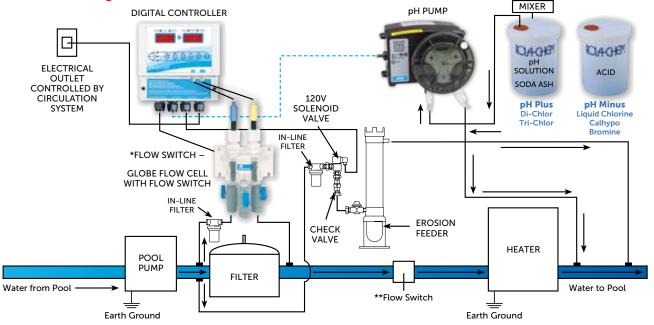
CONTROL SYSTEMS DIAGRAMS



circulation is occurring (included in Digital Controller/Globe Flow Cell Only)

and to ensure dilution of chemical into the pool

Erosion 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 and to ensure dilution of chemical into the pool

Rola-Chem Solenoid Kit 550290 is rated for a maximum pressure differential of 6 psi and has a valve coefficient of (Cv) 2. Some erosion feeders require a solenoid rated for a higher flow. Contact the manufacturer for requirements.

PROFESSIONAL SYSTEM COMPONENTS

PROFESSIONAL SYSTEM COMPONENTS















youtube.com/user/inforolachem

PROFESSIONAL SYSTEM COMPONENTS

PROFESSIONAL SYSTEM COMPONENTS



















561002 Acid Label

NO MORE CLOGGED FLOWMETERS!

ROLA-CHEM'S FLOWMETERS HAVE A WIDE CHAMBER THAT GREATLY REDUCES
MINERAL DEPOSITS BY ALLOWING HIGHER FLOW VOLUME



Designed to be compatible with practically every existing flowmeter, replace your old clogged flowmeters with these accurate, easily serviced units from Rola-Chem.

Rola-Chem flowmeters are built to withstand water temperatures up to 200°F and are manufactured to work with schedule 40 PVC pipe.

ACCURATE READINGS

 Our heavy-duty gasket ensures airtight seals

VISUAL INDICATOR

 Calibrated on both sides in gallons and liters per minute

SERVICEABLE

 Easily open and remove calcium deposits if necessary

FULL RANGE MOUNTING

- Side, vertical, or top 1" to 8"; please specify when ordering.
 Vertical mount is reversible for up or down reading.
- Requires 3/4" diameter hole in pipe

EASY-TO-READ BOBBIN

 316 stainless steel ball prevents corrosion

Easy-to-Use Vertical Mount Gaskets for Nine PVC Pipe Sizes



FLOW METER SIZING GUIDE

MODEL NO.	PIPE MATERIAL	PIPE SIZE	A* MINIMUM	B* MINIMUM	RANGE GPM	RANGE LPM	CLAMP SIZE
570321	PVC-GALV	1"	5"	10"	10-30	38-114	40
570331	PVC-GALV	1.25"	6"	11"	15-50	57-189	44
570340	COPPER	1.5"	8″	15"	20-55	76-208	44
570341	PVC-GALV	1.5"	8″	15"	25-60	95-227	44
570350	COPPER	2"	10"	20"	40-140	151-530	56
570351	PVC-GALV	2″	10"	20"	40-140	151-530	56
570360	COPPER	2.5"	13"	25"	70-245	265-927	64
570361	PVC-GALV	2.5"	13"	25"	70-240	265-908	64
570370	COPPER	3″	15"	30"	100-280	379-1060	64
570371	PVC-GALV	3"	15"	30"	100-300	379-1136	64
570380	COPPER	4"	20"	40"	200-480	757-1816	44 (2)
570381	PVC-GALV	4"	20"	40"	175-500	662-1893	44 (2)
570391	PVC-GALV	6"	30"	60"	400-1050	1514-3975	64 (2)
570401	PVC-GALV	8″	40"	80″	700-1900	2650-7192	72 (2)

*A = Minimum distance from downstream elbow or restriction.

After Part Number, Indicate Mounting: (T) = Top • (S) = Side • (V) = Vertical





*15 GAL. ONLY (Pump not included)

CHEMICAL TANKS

Rola-Chem offers a range of heavy duty tanks and covers available in 5, 15, 30, and 55 gallon sizes. Precision molded of high-density polyethylene polymer, which is highly resistant to corrosive solutions.

Chemical Tanks Feature:

- Heavy Duty Construction—formed from high-density polyethylene
- Translucent allows visual check of chemical level
- UV Protected solar rays will not damage chemicals

PART NO.	PRODUCT DESCRIPTION	CAPACITY	нт.	DIA.	WT.
561405	Tank/Cover/Plug - 5 Gallon	5 Gallon	15.5"	15"	6#
561415	Tank/Cover/Plug - 15 Gallon	15 Gallon	23"	17"	15#
561430	Tank/Cover/Plug - 30 Gallon	30 Gallon	30"	20"	21#
561455	Tank/Cover/Plug - 55 Gallon	55 Gallon	38"	27"	22#
561265	System Tank*	15 Gallon	36.75"	15"	17#

SYSTEM TANK

System Tanks Feature:

- Convenient mounting of your Rola-Chem Pump on tank
- Includes chemical refill and pick-up holes
- Heavy Duty Construction—formed from high-density polyethylene
- Translucent—allows visual check of chemical level
- UV Protected—solar rays will not damage chemicals

543853 UPC 7-57706 00281-3

RC305MC Rola-Chem Pro Series 300 Pump 120 volt 38 GPD mounted on a 15-Gallon Poly Tank

543854 UPC 7-57706 00282-0

RC303MC Rola-Chem Pro Series 300 Pump 120 volt 12 GPD mounted on a 15-Gallon Poly Tank

MAINTENANCE MADE EASY





Maintenance is made easier with our YouTube video library, from installation and set-up to trouble shooting. Help with Rola-Chem equipment is a click away. youtube.com/user/inforolachem

SEE THESE AND OTHER "MAINTENANCE MADE EASY" PRODUCTS AT ROLA-CHEM.COM

SPA VAC

and pool vacuum

ULTRA SCREEN

Catches debris and extends filter life

POOL SENTRY

Maintains water level, protecting pumps

SCUMBUG

Removes scum line, devours grime and oils

ROLA-CHEM®

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