# MAINTENANCE MADE EASY



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



### MAINTENANCE MADE EASY

# ROLA-CHEM®

A PREFERRED CHOICE OF COMMERCIAL POOL AND SPA MAINTENANCE PROFESSIONALS SINCE 1964

### Your Customers Want One Thing: The Perfect Pool

At Rola-Chem, helping pool maintenance professionals achieve the Perfect Pool is in our DNA. From precise chemical feeding to advanced control and monitoring, our products are engineered for optimal efficiency and ease-of-use. We understand that water quality systems that are easier-to-use and consistent will help you exceed customer's expectations, grow your business and increase profit.

## ROLA-CHEM® Rola-Chem.com | 800-549-4473

## A LEGACY OF INNOVATION

### **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.



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.

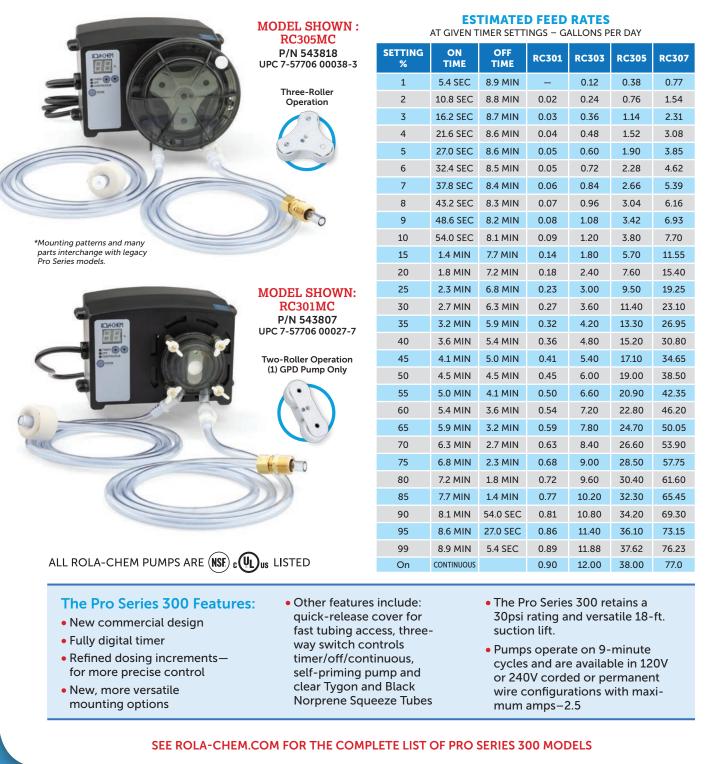
youtube.com/user/inforolachem

### PERISTALTIC PUMPS

### **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.



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### **GENERATION II DIGITAL CONTROLLERS**



### MODEL SHOWN: RC554XP Digital pH/ORP Controller

P/N 554000 UPC 7-57706 00136-6

0PC 7-57708 00138-8	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 (NSE) NSF ANSI CERTIFIED



#### MODEL SHOWN: RC554XXP Digital pH/Dual ORP Controller

Used to Control Two Sanitizer Sources

P/N 554300					
UPC 7-5770 600143-4	рН	ORP 1	ORP 2	Feed Cycle	
Factory Setting	7.4 650 mV		640 mV	.6 Seconds	
Display Range	6.8-8.2	0-995 mV	0-995 mV		
Setpoint Range	7.0-8.0	400–900 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
- Acid or base feed
- Microprocessor logic
- Globe flow cell with flow switch
- Compatible with most peristaltic pumps
- 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

	рН	Feed Cycle
Factory Setting	7.4	.6 Seconds
Display Range	6.8-8.2	
Setpoint Range	7.0-8.0	

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.

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



#### 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.



"Consistently tracking and maintaining proper pH and sanitizer levels is very important for the safety of swimmers and is also vital to the longevity of operating equipment. The 555XXP controller from Rola-Chem tracks pH and sanitizer consistently and rarely requires recalibration, this is big time saver for us."



John Sims—Blue Marlin Pool Services

### DIGITAL FAC CONTROLLERS

### **SEVEN BENERATION II DIGITAL FAC** pH/Dual ORP/FAC (ppm) **CONTROLLER**

555XXP Microprocessor-based chemical automation system—which continuously monitors the pH and sanitizer level in a pool or spa. Dual ORP to control two sanitizers.



### MODEL SHOWN: RC555XXP Digital pH/Dual ORP/FAC (ppm) Controller Used to Control Two Sanitizer Sources

Used to Control Two Sanitizer S

P/N 555000				
UPC 7-5770 600310-0	рН	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	.6 to 900 seconds w/ 5-minute analyzation periods
Power	120V corded (input/output)
Feed	Timed or Continuous
Maximum Output	3.15 Amps
Maximum Output	3.15 Amps

**INCLUDES:** Controller, flow cell with flow switch, probes, 3/8" tubing and fittings. ALL ROLA-CHEM CONTROLLERS ARE (NSF) NSF ANSI CERTIFIED

### **555XXP Features:**

- Display and record Free Available Chlorine (ppm)
- Free web-based monitoring—logs and displays ORP/FAC (ppm). Ethernet Connection Included
- Digital readouts—pH/Dual ORP/FAC (ppm)

Timed or continuous feed setting pH calibration

- Acid or base feed
- Dip switch programmable settings
- Built-in out-of-range safety timeouts

### **NEW!** GENERATION II READY-TO-MOUNT SYSTEMS

### ALL COMPONENTS REQUIRED FOR POOL AUTOMATION MOUNTED ON A POLYPROPYLENE BOARD

#### MODEL SHOWN: 555007 UPC 7-57706 00311-7 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:

555008 UPC 7-5770600312-4 Includes one 12 GPD Peristaltic Pump and one 38 GPD Peristaltic Pump 555010 UPC 7-5770600314-8 Includes two 12 GPD Peristaltic Pumps 555012 UPC 7-5770600316-2 Includes one 12 GPD Peristaltic Pump and one Solenoid Kit 555013 UPC 7-5770600317-9 Includes one 12 GPD Peristaltic Pump (Gold Tip ORP Probe) 555014 UPC 7-5770600318-6 Includes two 77 GPD Peristaltic Pumps 555015 UPC 7-5770600319-3 Includes one 38 GPD Peristaltic Pump and one Solenoid Kit 555016 UPC 7-5770600320-9 Includes one 38 GPD Peristaltic Pump (Gold Tip ORP Probe) 555017 UPC 7-5770600321-6 Includes one 38 GPD Peristaltic Pump and one 77 GPD Peristaltic Pump

### READY-TO-MOUNT SYSTEMS

### PRO SERIES 300 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 GP**D & 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





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### READY-TO-MOUNT SYSTEMS

### READY-TO-MOUNT CONTROLLER SYSTEMS

### 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

### READY-TO-MOUNT CONTROLLER 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

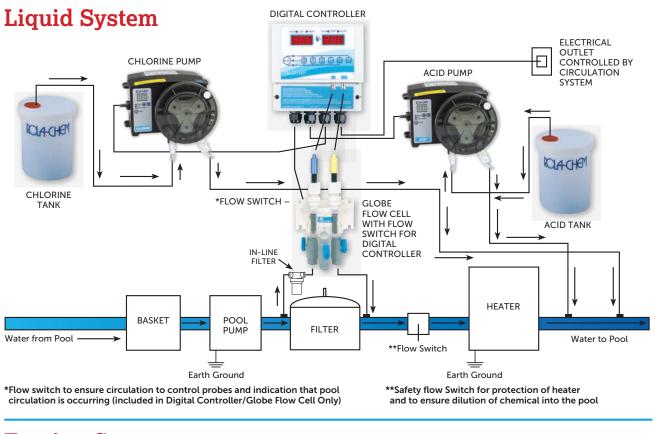




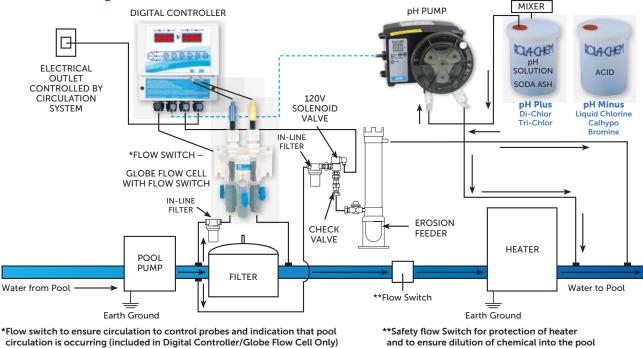
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### CONTROL SYSTEMS DIAGRAMS



### **Erosion System**



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**



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Joe Dettrey— Commercial Pool Supplies





youtube.com/user/inforolachem

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### PROFESSIONAL SYSTEM COMPONENTS

### **PROFESSIONAL SYSTEM COMPONENTS**



### FLOW METERS

### **NO MORE CLOGGED FLOWMETERS!**

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

> ACCURATE READINGS
>  Our heavy-duty gasket ensures airtight seals
>  VISUAL INDICATOR
>  Calibrated on both sides in gallons and liters per minute

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

**EASY-TO-READ BOBBIN** 

• 316 stainless steel ball

prevents corrosion

hole in pipe

**SERVICEABLE** 



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.

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

# $\square \square \square$

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)

### **FLOW METER SIZING GUIDE**

\*A = Minimum distance from downstream elbow or restriction. After Part Number, Indicate Mounting: (T) = Top • (S) = Side • (V) = Vertical

### CHEMICAL TANKS





\*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	HT.	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

### 543857 UPC 75770600324-7

RC303MP Rola-Chem Pro Series 300 pump, 240 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** Self-contained spa and pool vacuum Extends to over 7'

ULTRA SCREEN Catches debris and extends filter life

#### POOL SENTRY

Maintains water level, protecting pumps against burnout

#### SCUMBUG Removes scum line, devours grime and oils



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