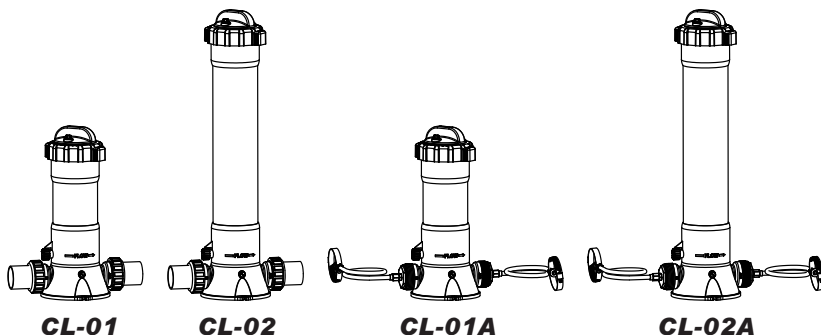




REMORA

REMORA CL Series Automatic Chlorine Feeder

Keep the manual for future reference



REMORA CL series automatic chlorine feeder is designed to be used side by side with your filtration system. The feeder is driven by the pressure difference between its outlet and inlet which pushes water through it. It uses slow-dissolve chlorine, bromine or active oxygen large or small tablets (or sticks) ONLY. You should NEVER use other type of chemical. CL-01 and CL-01A can hold up to 2kg of tablets while CL-02 and CL-02A can hold up to 4kg. Such capacity should be able to provide 1 to 2 weeks' chlorination for large pools. The feeder has a dial type control valve to adjust the flow rate through itself, by regulating the valve setting and the amount of tablets placed in the feeder, the chlorine feed rate needed to maintain the proper chlorine level of your pool can be readily tuned.

WARNING: READ CAREFULLY AND KEEP THE MANUAL FOR FUTURE REFERENCE

This feeder can ONLY be used with slow-dissolving Chlorine, Bromine or Active Oxygen tablets. Do NOT mix with other type of chlorine or chemical, otherwise it may cause explosion or fire. Great care must be taken while opening the feeder. Always switch off pump and close all available valves before opening. Do NOT inhale air from any chemical feeder or container. Always protect your eyes, skin and clothing from any chemical. Do NOT open a feeder while the pump is running. To prevent gas from building up in the feeder, make sure the pool return line valve is kept open-except when opening or servicing. Always read the labels warning information and closely follow chlorine manufacture's and or dealer's recommendation for proper conditioning and daily chlorine requirements for your particular pool.

DIRECTIONS FOR USE

- 1) Before starting up your chlorine feeder your pool/spa should be properly conditioned with a chlorine level of 1.0 to 1.5ppm. Directions and instructions from dealer and chemical manufacturer should be followed.
- 2) The chlorine demand for pools and spas varies according to load, usage, temperature, sunlight etc. Initially you should experiment to determine the proper amount of chlorine and the correct valve setting required for our pool and filter time cycle. Taking a 90 cubic meter pool as a reference, we suggest You place about 1.8kg slow dissolve tablets in your feeder and leave the dial valve setting at No.3.(Increase or reduce the chlorine amount basing on the pool size, for example, for 135 cubic meter pool add 50% more chlorine.) Check chlorine residual daily



and adjust the dial valve for more or less chlorine. Increasing the quantity of chlorine in your feeder with extend the recharging circle.

OPENING THE FEEDER LID

- 1) Turn off pump and turn Dial Control Valve to "O". Shut off inline valve(s) if any to prevent backflow. Unscrew Venting Screw at the top of the Lid. Wait for 1 minute to ensure the release of pressure.
- 2) Turn the Nut of the Lid anti-clockwise to disassemble the Lid.

CLOSING THE FEEDER LID

- 1) Align the Nut of the Lid to the threads of the Feeder. Engage the Nut threads by turning clockwise to tighten.
- 2) Tighten the Venting Screw.
- 3) Set the Dial Control Valve to the desired position then open the inline valve(s) if available.
- 4) Turn on pump.

VACUUMING

Close Dial Control Valve to avoid bypass of sediment and possible clogging of control valve when vacuuming.

CHANGING O-RINGS

- 1) Follow the steps under "OPENING THE FEEDER LID"
- 2) Before replacing the o-ring, make sure all liquid has been discharged by removing the Feeder's bottom drain plug with a screwdriver.
- 3) Turn the Lid upside down and the o-ring can be found.
- 4) Insert a flat head screwdriver into the groove as indicated. Using the screwdriver at an angle lift the o-ring.
- 5) Once the o-ring had been replaced. Follow the steps under "CLOSING THE FEEDER LID".
- 6) Turn the Dial Control Valve to maximum setting and continue to turn anti-clockwise until the dial control click twice. The Drain Control Valve can then be removed from the feeder.
- 7) Replace the two o-rings.
- 8) Once the o-rings had been replaced, insert the Dial Control Valve back into the feeder. Turn clockwise until the Dial Control click twice. It is important to ensure the Dial Control passes the second click.
- 9) Select the desired position then open inline valve and restart the pump.

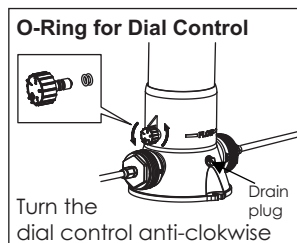
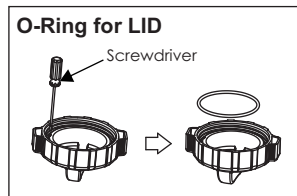
WARNING: DO NOT use petroleum type of lubricants on the O-ring. Silicone Grease is recommended.

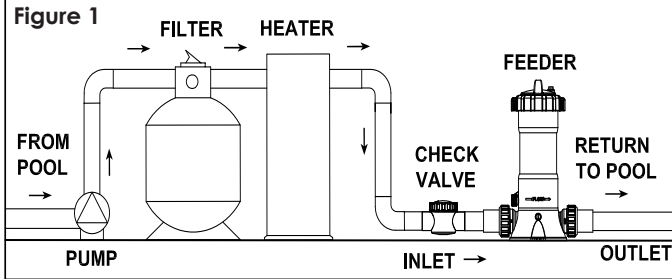
INSTALLATION

HARD PIPE (CL-01 / CL-02)

Always install the chlorine Feeder after the heater. If there is no heater, install after the filter.

Position the Chlorine Feeder on level surface as close to the filter and pump as possible. The preferred installation is above water level and using Inline Setup (Figure 1). The feeder needs to be below the filter or the heater (if available) as indicated in Figure 1.

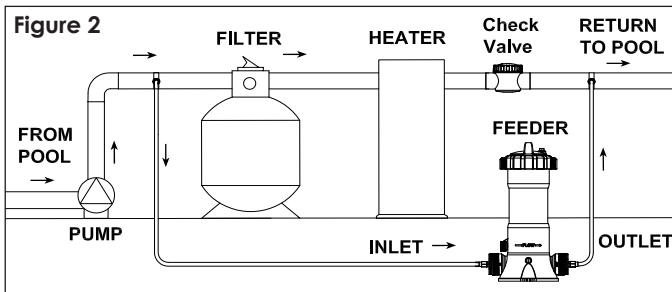




At the inlet pipe to the feeder, a positive seal corrosion-resistant check valve should be installed to reduce backflow of chlorine gas when the system is turned off. It is recommended that if the feeder is installed below the waterline, a check valve is needed to prevent water backflow when opening the unit.

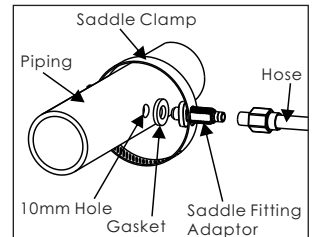
FLEXIBLE HOSE (CL-01A / CL-02A)

The Stainless Steel Saddle Clamps for the Flexible Hose installation are designed for pipes with diameter of 1.5" or 2.0".



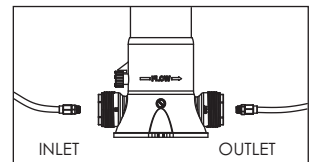
Inlet

- 1) Along the pipe between the pump and the filter as shown in Figure 2, make a hole of 10mm in diameter as the inlet for the feeder.
- 2) Clean off burrs and shavings, insert the Saddle Fitting Adaptor with Gasket into the drilled hole. Place the Saddle Clamp on to the pipe as indicated. Connect the hose.



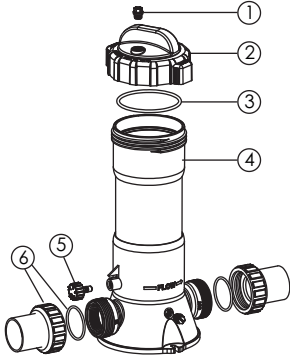
Outlet

- 3) Along the pipe after the filter and heater as shown in figure 2, drill a hole of 10mm in diameter as the outlet for the feeder.
- 4) Clean off burrs and shavings, insert the Saddle Fitting Adaptor with Gasket into the drilled hole. Place the Saddle Clamp on to the pipe as indicated. Connect the hose.
- 5) Connect the inlet and outlet tubing with the Adaptor into the Feeders' Threaded Plug.



Note: After installation start up the system to perform leakage check, re-tighten if required. The feeder can be fixed onto the installation surface by tapping screws and securing holes in its base.

PART LIST



CL-01/CL-02 Part List

Item	Part No.	Description	Qty
1	89440312	Air/ Water Release Valve with O-Ring	2
2	89440204	Lid with Nut	1
3	02080008	O-Ring for Lid	1
4	89440205	CL-01A Feeder Body	1
4	89440206	CL-02A Feeder Body	1
5	89440202	Hose with O-Ring	1
6	89440201	1.5"Union with Nut	2



AUTOMATED ENVIRONMENTAL SYSTEMS LTD

Unit 1, 1 Wimbledon Avenue, Brandon,
Suffolk, IP27 0NZ

01842 819130

sales@automatedenvironmentalsystems.co.uk

CL-01A/CL-02A Part List

Item	Part No.	Description	Qty
1	89440312	Air/ Water Release Valve with O-Ring	2
2	89440204	Lid with Nut	1
3	02080008	O-Ring for Lid	1
4	89440205	CL-01A Feeder Body	1
4	89440206	CL-02A Feeder Body	1
5	89440202	Hose with O-Ring	1
6	89440203	Threaded Plug	2
7	89440208	Hose Connector	2
8	01093017	2.5m Hose (O.DΦ10)	1
9	89440207	Saddle Fitting Adaptor	2
10	03018153	Hose Clamp	2

SADDLE CLAMP ASSEMBLY

