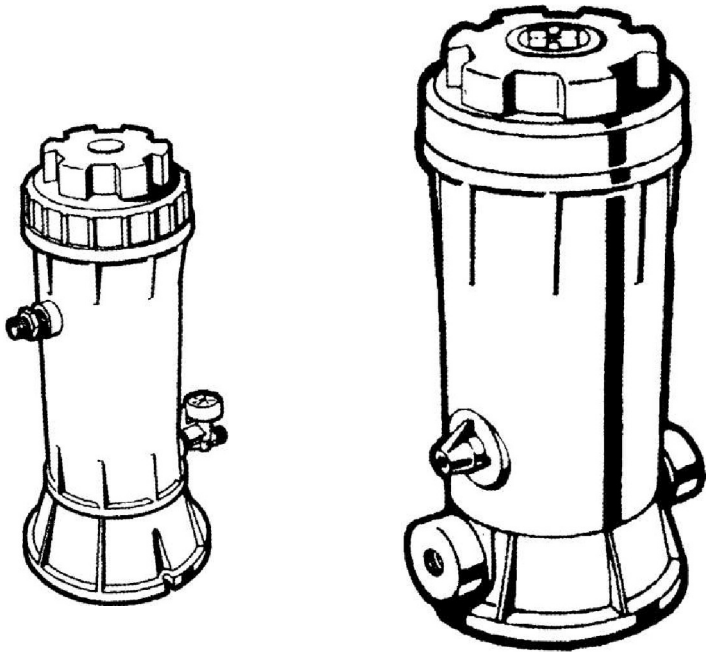
IS-CL0220-00

HAYWARD®CHEMICALFEEDER

CL 0110 EF, CL 0110 ABG, CL 0110 BREF
CL 0220 EF, CL 0220 ABG, CL 0220 BREF



USER'S GUIDE

welldana®
Pollet Pool Group

Your Hayward chemical feeder is designed for installation next to your filter system. It operates by the pressure differential of your system which draws water through the feeder. It uses Trichloro-S-Triazinetrion (tri-chlor) or bromine, slow dissolving tablets or sticks ONLY.

Never mix or use any other chemical in this feeder.

WARNING : **Do not use this chemical feeder with In-Floor cleaning systems. This can cause tank to fracture, which may result in serious injury or death.**

CAUTION – Read carefully

1) This chemical feeder is designed to use only slow dissolving **Trichloro-S-Triazinetrion** (for CL0110 EF/ABG and CL0220 EF/ABG) or **Bromine** (for CL0110 BREF and CL0220 BREF) tablets or sticks.
2) NEVER mix different chemical types in this feeder. Explosion or fire may result.
3) Before opening your feeder, always shut off pump and available valves.
4) Do not inhale fumes from any chemical feeder or container. Protect your eyes, skin and clothing from chemicals at all times.
5) To prevent build up gas in feeder, be sure pool return line valves are kept open (except when opening/servicing unit).

DIRECTIONS FOR USE

Before start up of chemical feeder, your pools / spa should have a chlorine residual of approximately 1 to 1,5 ppm (bromine: 2 to 4 ppm).

The chemical demand for pools and spas varies based on use, temperature, sunlight, etc.... Initially, you'll have to experiment to determine the proper amount of chemical and the correct valve setting required for your pool and filter time cycle. Check chemical residual daily.

EASY-LOK COVER

To open

1. Shut off pump and turn dial control valve to OFF. Shut off other in-line valves to prevent back flow. Wait one minute
2. Turn knurled cover cap counter-clockwise to open.
3. **Caution: Do not inhale fumes from chemical feeder.**

To close

1. Press cover, with o-ring seal, firmly into body. Engage cover cap threads and turn clockwise to stop lug.
2. Place dial control valve to desired setting. Open in-line valves and re-start pump.

TO CHANGE O-RING (CL0220 - see figure 2)

Pry off logo cap (1). Unscrew and remove retainer screw (2). Cover may now be slipped free of the cover cap (5). Replace o-ring (6). Reassemble being sure slip washers (3) are in place (see figure 2).

Caution : Never use petroleum type lubricants on cover O-ring.

WINTERRIZING

Where freezing temperatures can be expected, drain all water from feeder. Carefully remove undissolved tablets, and rise out chemical thoroughly with water. Replace cover and engage 1 1/2 turns.

PLANNING INSTALLATION

1. Position chemical feeder on level surface as close to the pump as practical.
2. Mark inlet connection (A) (between the pump and the filter) and outlet connection (B) (after the heater and/or filter) - see figure 1.

Connection to chemical feeder (see fig. 2 and 3)

3. Wrap three wraps of Teflon tape on larger male thread of inlet adapter (13) and outlet adapter (12). Thread them securely into chemical feeder: inlet adapter into IN and outlet adapter into OUT.
4. Place compression nut (14) over inlet / outlet tubing (17) and side nut up about 2.
5. Insert those tubing all the way into the adapter sockets (13) and (12) and tighten nut firmly by hand.

Installing on plumbing lines (see fig. 4)

6. Drill a 10 mm (3/8") hole in inlet connection (A) and outlet connection (B) - see figure 1.
7. Fit gaskets and saddle fittings (15) into shaped hole in clamp and insert fittings into 3/8" hole. Secure clamps around saddle fittings, gaskets and pipes and tighten securely to achieve a good seal.
8. Connect plumbing inlet and outlet tubing with compression nuts as in step 4 and 5.
9. After starting up the system, re-check all connections for leaks. Re-tighten as required.

Note 1 : The saddle fittings and clamps are designed to the O.D. of 50 mm (1 1/2 ") or 63 mm (2") pipe.

Note 2 : The outlet adapter (15) has a «dot» and a ball check that «clicks» when you shake it.

REPLACEMENTS PARTS

CL 0220 EF - ABG - BREF (fig. 2)

Ref. N°	Part N°	Description	Quantity
1	CL 0200 E	Logo Cap	1
2	CL 0220 GA	Cover retainig screw	1
3	CL 0200 W	Slip washer	2
4a* 4b*	CL 0200 C CL 0200 C2	*Cover* cap	1
5a* 5b*	CL 0200 B CL 0200 B2	Cover	1
6	CL 0200 K	O'Ring	1
7	CL 0200 H	Feeder tube	1
8	CL 0200 PA	Control valve assembly	1
9	CL 0200 LA	Stem gasket	2
11	CL 0220 B	Base	1
12	CL 0220 EA	Inlet	2
14	CL 0220 H	Compression nuts	4
15	CL 0220 G	Saddle Fitting	2
16	CL 0220 K	Saddle clamp	2
17	CL 0220 J	Plastic tubing	2

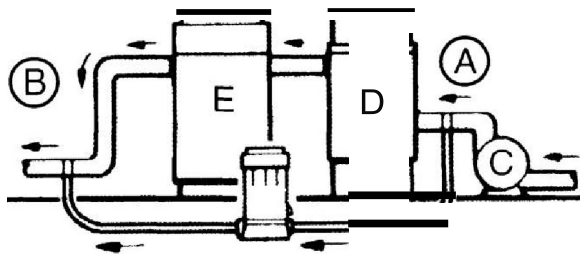
CL 0110 EF - ABG - BREF (fig. 3)

4a* 4b*	CL0110C CL 0110 C2	Cover cap	1
6	CL 0110 K	O'Ring	1
18	CL 0110 DA	Control valve assembly	1
19	CL 0110 B	Base	**1**
12	CL 0220 EA	Inlet fitting adapter	1
14	CL 0220 H	Compression nuts	4
15	CL 0220 G	Saddle Fitting	2
16	CL 0220 K	Saddle clamp	2
17	CL 0220 J	Plastic	2

*a : Chlorine

*b : Bromine

Figure 1



A. Inlet Connection

B. Outlet Connection

C. Pump

D. Filter

E. Heater

Fig. 2
CL 0220

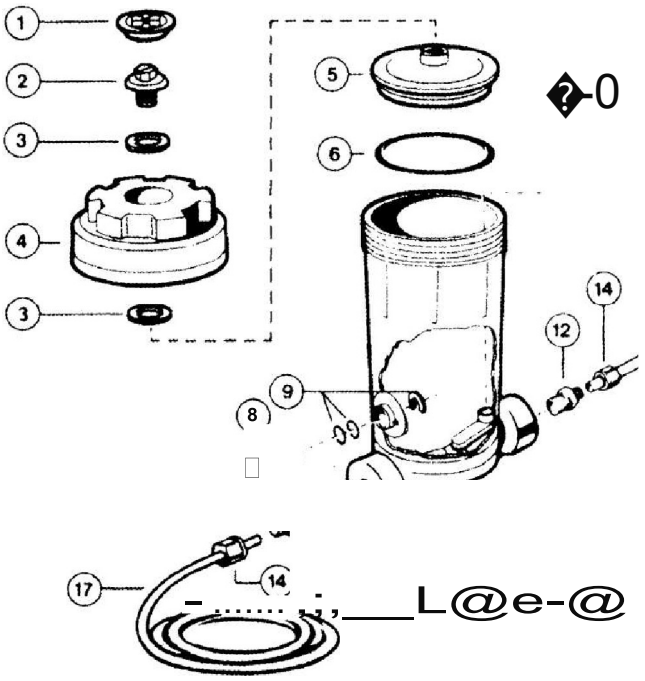


Fig. 3
CL 0110

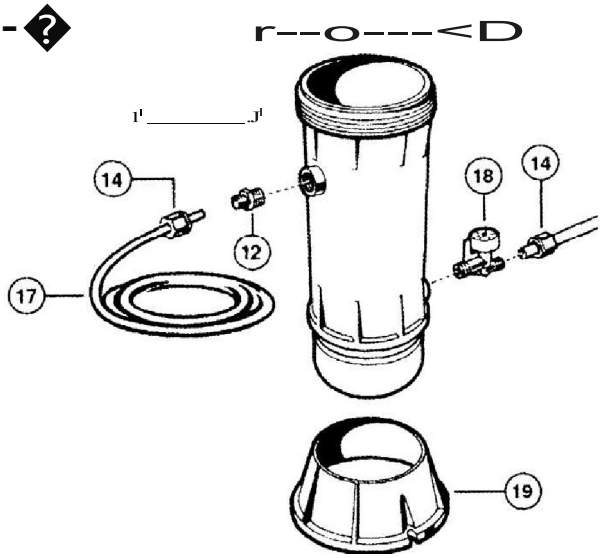
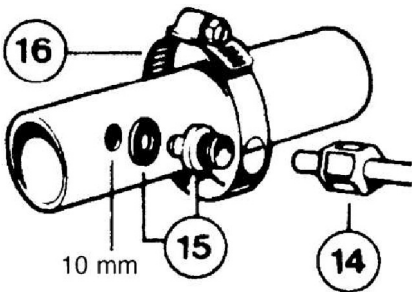


Figure 4



Saddle clamp assembly

Model	Max capacity {Chlorine - Bromine)	Width	Height	Max utilisation pressure
CL-0110 CL-0220	2,5 Kg 4 Kg	140 mm 190 mm	356 mm 406 mm	3,5 bars 3,5 bars

VALVE

HI = more chlorine (bromine)

OFF = less chlorine (bromine)

- By regulating the *valve* setting between HI and OFF and the amount of tablets you place in the feeder, you can easily adjust the chemical feed rate that is necessary to maintain the proper chlorine (bromine) residual for your pool.

AUTONOMY

- The large capacity feature, under normal conditions, should provide a minimum of 2 weeks chlorination (bromination) for large pools. (CL0110 = 1 week).

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