



Deluxe Thru-Wall Skimmer

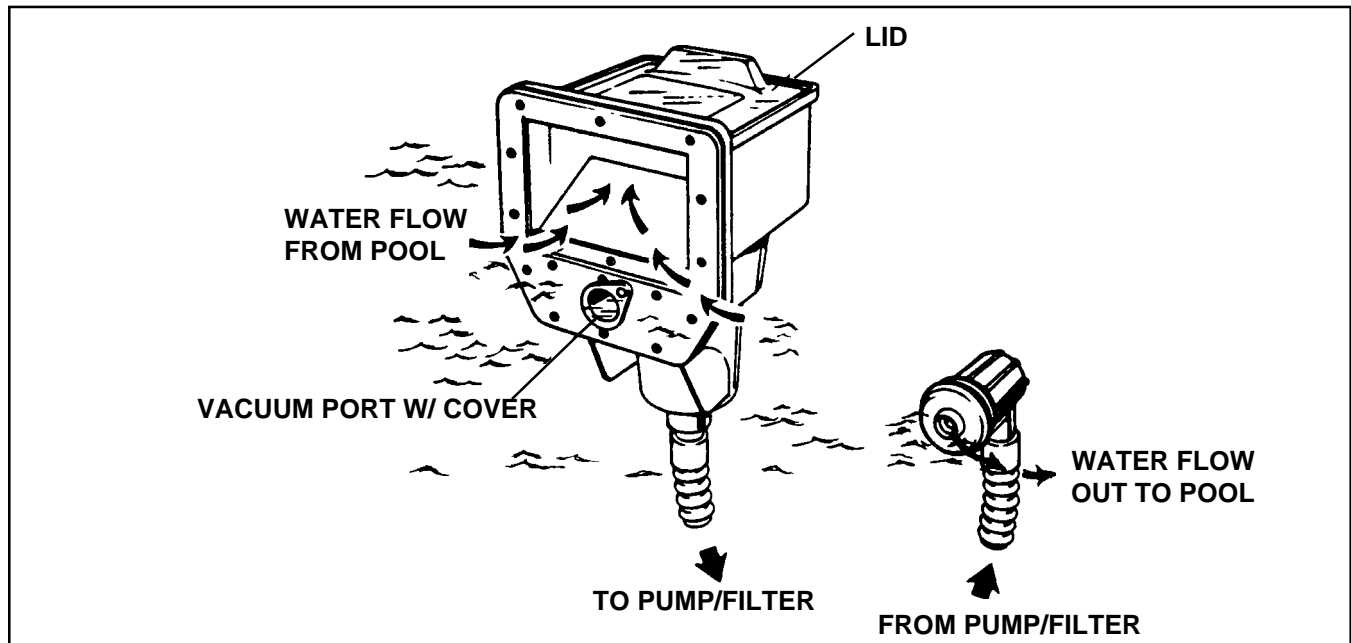
Models 1-4115-006/1-4215-006/1-4315-006

Owner's Guide



HOW YOUR SKIMMER WORKS.

Your skimmer helps make your pool maintenance easier and more convenient. Leaves, insects and floating debris are removed from the pool surface by skimming action and water flow through your filter. The debris is collected in the skimmer strainer basket. The illustration below shows direction of water flow through your filtration system.



CAUTION

1. Do not allow anyone to climb, sit or stand on skimmer. They could easily fall and injure themselves. Install the filter and pump a minimum of 4 feet from the pool wall so they may not be used as steps by children.
2. Always keep face plate mounting screws and return fitting tight. Failure to do so could cause leakage. Continued leakage may cause wall damage and eventual pool wall failure.
3. If it is necessary to remove the skimmer and return fitting knock-outs, use caution. Sharp edges may be present and could cause personal injury.
4. Do not place any form of chlorine in skimmer basket. Damage to skimmer, pump, or filter may result.

WARNING

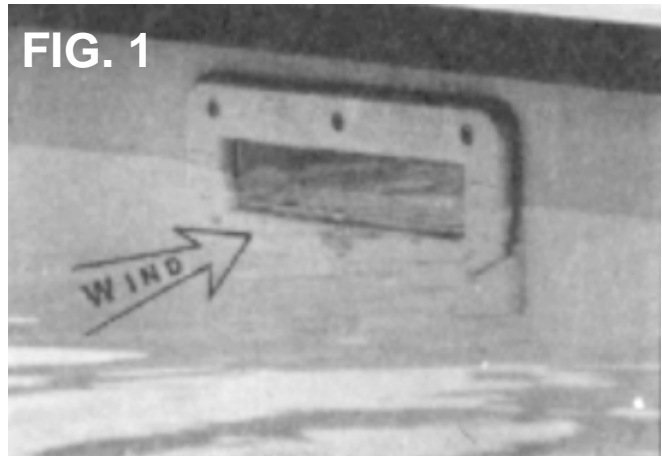
1. Do not operate filter when pool is in use. Strong suction around skimmer openings could trap a pool user and cause personal injury.
2. **DANGER! ELECTRICAL HAZARD.** Use extreme caution when using an electric drill near water. Never use a corded electric drill when standing in or touching water. **Always use a cordless drill when working in or near water, or whenever there is a possibility of touching or dropping the drill motor unit into water.**

SKIMMER LOCATION (See Fig. 1)

Make sure skimmer is located in an area of the pool that allows:

1. Easy access for service and maintenance.
2. The skimmer to be down wind of any prevailing winds.

FIG. 1



TOOLS AND MATERIALS REQUIRED

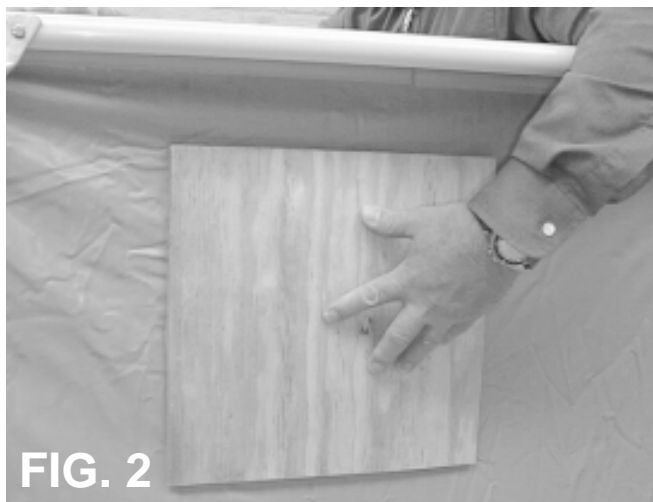
1. Sharp knife or razor knife.
2. Phillips (cross point) screwdriver

POOL PREPARATION

STOP! The pool must be properly erected per Lomart's Pool Assembly & Installation Instructions. There should be approximately 2 ft. of water up the metal wall so the liner is under weight, and stretched to proper position prior to installing skimmer. **NOTE:** The liner cannot be shifted after the skimmer entry holes have been cut.

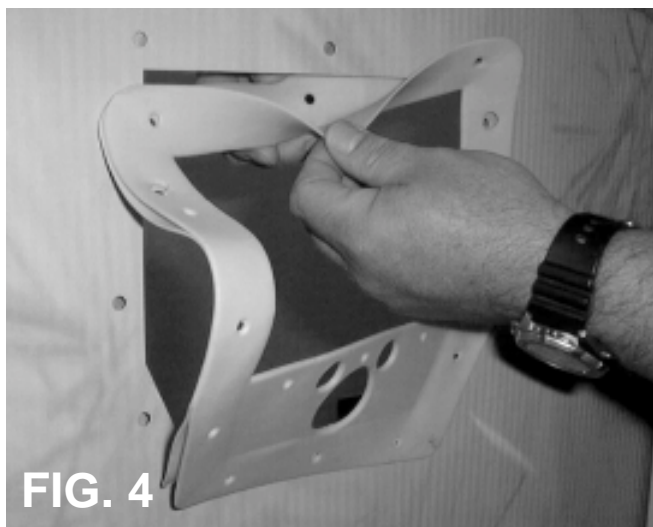
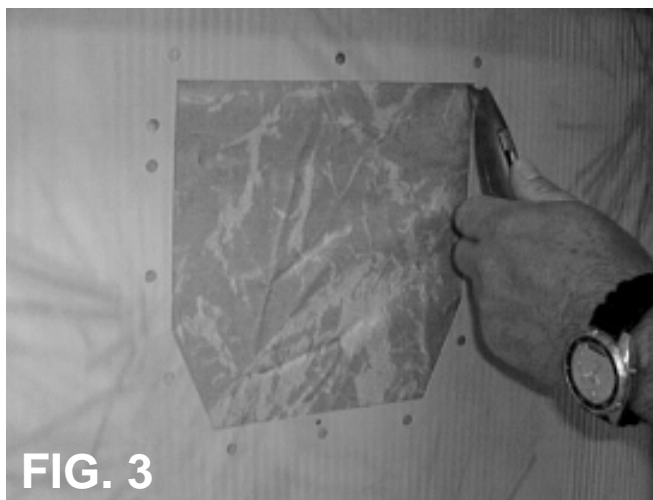
If your pool has two walls and you are using only one skimmer and return fitting, cover the extra openings in the pool wall with the matching cover plates. The cover plates

must be installed inside the pool wall before the liner is installed. Tape them to the inside of the pool wall with duct tape being sure to completely cover all sharp corners and edges.



TRIM LINER

Firmly press a piece of plywood large enough to cover the skimmer wall cutout against the liner over the cutout. **From outside the pool, use a razor knife to trim the liner away using the edge of the rectangular wall cutout as a guide** (See FIG.S 2 and 3).



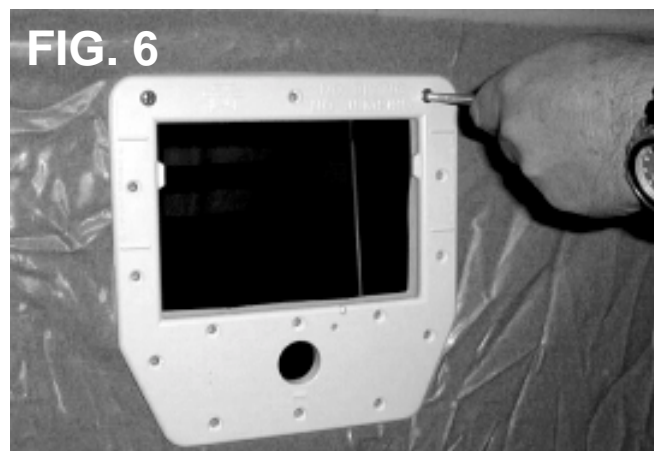
INSTALL SKIMMER GASKET

Make sure all holes in gaskets are clear. Install the skimmer u-gasket into the opening. Make sure that the liner edges are completely under the gasket. Adjust the gasket so that the flanges lay flat against both the liner and outside pool wall. Punch out the two top corner holes using a nail (See FIG. 4).



INSTALL SKIMMER FACEPLATE & BODY

Position the faceplate over the gasket and insert two #12 x 27/32 Phillips screws into top corner holes and carefully push the screws through the holes which have been pierced in the liner. From outside the pool, align the skimmer body with these screws and secure by lightly tightening the two screws (See FIGS. 5 and 6).



Using a nail and the faceplate as a guide, pierce the 13 additional holes through the liner. Insert and lightly tighten the remaining 13 screws through the faceplate, gasket, liner, pool wall, and into corresponding holes on the skimmer. Tighten all screws firmly and evenly, alternating left and right, top and bottom. Go completely around at least 3 times. Due to expansion and contraction of wall and skimmer, retighten all screws after 48 hours. Occasionally recheck all screws and retighten as needed.

CAUTION

Always keep face plate mounting screws and return fitting tight. Failure to do so could cause leakage. Refer to CAUTIONS.

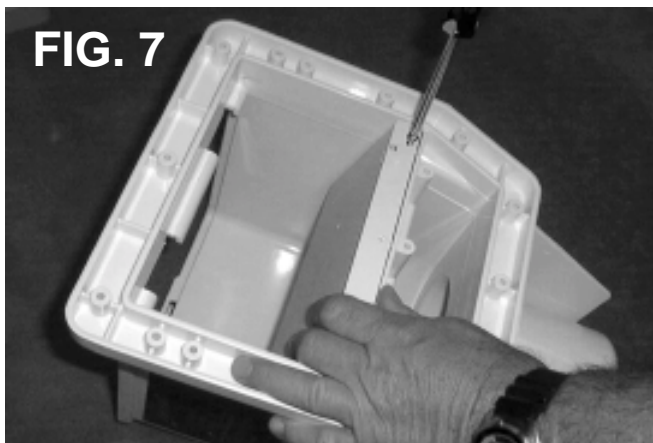


FIG. 7

INSTALL WEIR

Insert weir assembly through either the top or front of skimmer. Use three #8 x 1/2" Phillips screws to assemble to bottom of skimmer opening as shown (See FIG. 7).



FIG. 8

ASSEMBLE VACUUM PORT COVER

Assemble vacuum port cover plate to skimmer face plate using a #12 x 27/32" Phillips screw as shown. Do not overtighten. Cover plate should drop against stop when released. Adjust screw as required (See FIG. 8).



FIG. 9

INSTALL SKIMMER BASKET

Insert skimmer basket into skimmer body as shown. The skimmer basket should always be in the skimmer body when the pump is on (See FIG. 9).

INSTALL SKIMMER LID (See FIG. 10)

Install skimmer lid by pushing lid into stops in the skimmer body then snapping down into place. To remove, push down on tab to release snap and lift out by handle on lid.



FIG. 10

RETURN FITTING INSTALLATION (See FIG. 11)

From inside the pool, place a board against the liner and hold it firmly against the return fitting cutout in the metal wall. Use a razor knife to cut out the liner return hole.

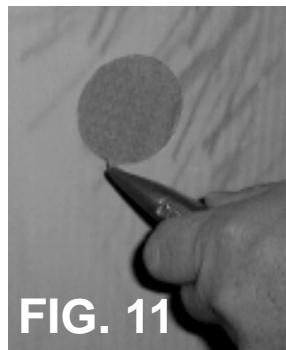


FIG. 11

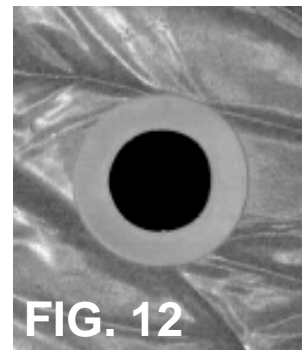


FIG. 12

Install the return fitting u-gasket into the wall opening. Make sure the liner's edge is trapped under the gasket (See FIG. 12). Insert the threaded end of the return fitting adaptor through the wall from inside pool (See FIG. 13).

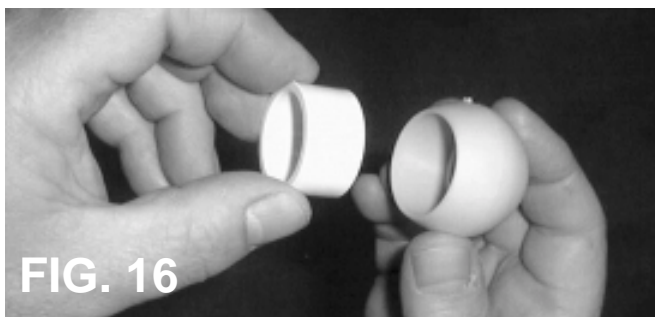


FIG. 13

Hold the return fitting body so the hose fitting end is pointing straight up. Tighten the adaptor from inside the pool until gasket contact is made (See FIG. 14).



Hold adaptor on inside of pool and turn the return fitting body clockwise to its straight down position. If the assembly does not feel snug, rotate the return fitting body back to its upright position. Rotate the adaptor inside pool an additional 1/4 turn. Rotate the body to the down position again. Repeat this procedure as required (See FIG.S 14 and 15).



INSTALL EYEBALL INSERT

Push eyeball insert into eyeball (See FIG. 16).



INSTALL EYEBALL & RETURN FITTING COVER

Hold eyeball inside return fitting adaptor with eyeball insert toward inside. Thread on the return fitting cover to secure eyeball position so it directs flow away from skimmer opening. Do not overtighten (See FIG. 17).

CONNECT SKIMMER HOSE

With a hose clamp installed over both ends of hose, connect a hose between the pump intake port and the bottom of the skimmer body (See FIGS. 18 & 19).

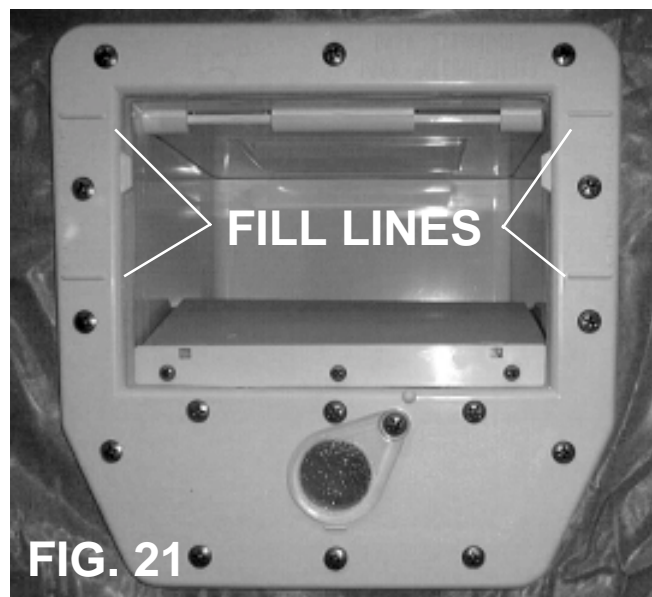
CONNECT RETURN HOSE (See FIG. 20)

With a hose clamp installed over the hose end, connect hose from filter system return to the pool return fitting.



FINISH INSTALLATION AND FILL POOL

STOP! Before continuing, all other pool equipment must be completely installed. Refer to owner's guides. When all other equipment is installed, fill and maintain pool water level to fill lines on skimmer face plate. If pump is operated with low water in pool, air will be pulled into your filter and may cause pump/motor damage (See FIG. 20).



CLEANING STRAINER BASKET (See FIG. 21)

To clean your strainer basket follow these steps:

1. Stop pump.
2. Remove skimmer cover. (See FIG. 10).
3. Being cautious of live stinging insects, slowly remove strainer.
4. Clean strainer basket and reinstall in skimmer body.
5. Replace skimmer cover.



FIG. 22

VACUUMING YOUR POOL

To vacuum your pool follow these steps:

1. Remove large debris from pool.
2. Stop pump.
3. Clean strainer basket. (See FIG. 22).



FIG. 23

4. Open cover plate on front of skimmer face plate and insert small end of vacuum adaptor into vacuum port (See FIG. 23).
5. Install other end of vacuum hose to vacuum head. (Refer to manufacturer's directions.)
6. Place assembled vacuum in pool.
7. Remove air from vacuum hose by either:
 - a. Holding vacuum hose underwater or;
 - b. Start pump, hold free end of vacuum hose to the pool water return, and force air out of hose. Stop pump.
8. Make sure pump is off. Remove skimmer lid. Rotate lid 90° to left or right, and place lid inside of skimmer. Make sure all sides of lid are making contact with inside skimmer body (See FIG. 24).
9. Start pump.
10. Your vacuum head should now be drawing water and

ready for use. If vacuum does not pickup, check the following:

- A. Filter is dirty. Backwash filter.
- B. Debris is clogging vacuum head or hose, skimmer or pump strainer basket. Check and clean.



FIG. 24

- C. Air trapped in vacuum hose. Refill with water.
 - D. Stop pump and check skimmer lid. It must be properly seated inside skimmer.
 - E. Loose hose connection or hole in vacuum hose. Check and repair or replace.
11. When vacuuming is finished, stop pump.
 12. Remove vacuum hose adaptor from vacuum port. (Twist and pull).
 13. Clean strainer basket. (Refer to Fig. 22).
 14. Replace lid on top position of skimmer.
 15. Make sure cover plate is in down position over vacuum port.
 16. Resume normal pool use.

WINTERIZING (See FIG. 25)

1. Drain pool 6" below return fitting.
2. Disconnect hoses from skimmer and return fitting.
3. Remove return fitting cover and eyeball. Install winterizing disc and replace return fitting cover.
4. Periodically, throughout the winter, check to see that the skimmer is free of debris. Water should not be allowed to accumulate inside body. It will freeze and crack skimmer body.



FIG. 25

REPAIR & MAINTENANCE

Contact your local Lomart dealer for original replacement parts. Retain this owner's guide for reference when ordering parts.

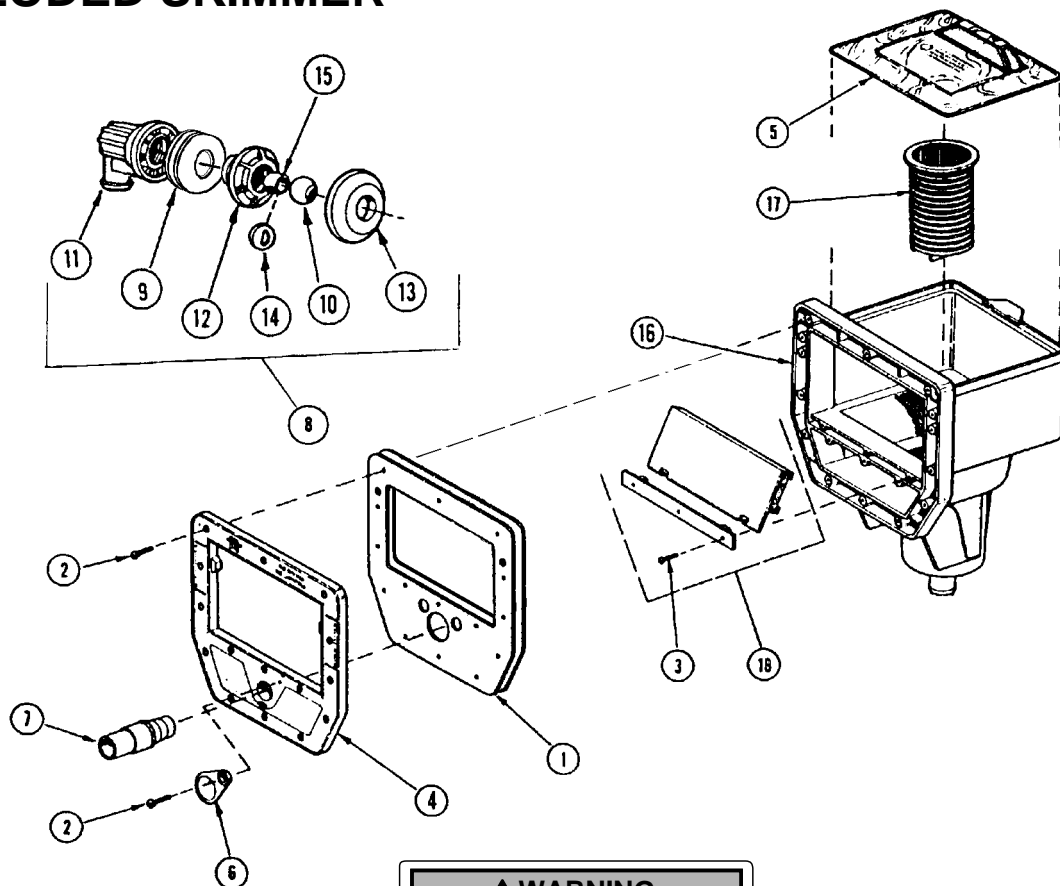
SEE BACK PAGE FOR EXPLODED PARTS ILLUSTRATION

MODEL 1-4115-006 (GRAY) PARTS LIST			
ITEM	P/N	QTY	DESCRIPTION
1	307-1032	1	Skimmer U-Gasket
2	330-1004	16	#12 x 27/32 Phillips Screw
3	330-1008	3	#8 x 1/2 Phillips Screw
4	340-1589	1	Skimmer Face Plate
5	1121-1467	1	Skimmer Lid w/Decal
6	340-1321	1	Cover Plate
7	340-1590	1	Hose Adaptor
8	1121-1300	1	Return Fitting Complete
9	307-1031	1	Return Fitting U-Gasket
10	348-1027	1	Eyeball
11	340-1591	1	Return Fitting Body
12	340-1592	1	Return Fitting Adaptor
13	340-1593	1	Return Fitting Cover
14	340-1594	1	Winterizing Disc
15	340-1595	1	Eyeball Insert
16	1121-1727	1	Skimmer Body w/ Decal
17	1300-1002	1	Skimmer Basket
18	1107-1275	1	Weir & Hinge Assy.
19	365-1876	1	Owner's Guide
20	—	1	Warranty

MODEL 1-4215-006 (ALMOND) PARTS LIST			
ITEM	P/N	QTY	DESCRIPTION
1	307-1032	1	Skimmer U-Gasket
2	330-1004	16	#12 x 27/32 Phillips Screw
3	330-1008	3	#8 x 1/2 Phillips Screw
4	340-2087	1	Skimmer Face Plate
5	1121-1468	1	Skimmer Lid w/Decal
6	340-1321	1	Cover Plate
7	340-1253	1	Hose Adaptor
8	1121-1461	1	Return Fitting Complete
9	307-1031	1	Return Fitting U-Gasket
10	348-1027	1	Eyeball
11	340-1773	1	Return Fitting Body
12	340-1237	1	Return Fitting Adaptor
13	340-1238	1	Return Fitting Cover
14	340-1240	1	Winterizing Disc
15	340-1278	1	Eyeball Insert
16	1121-1729	1	Skimmer Body w/ Decal
17	1300-1002	1	Skimmer Basket
18	1107-1275	1	Weir & Hinge Assy.
19	365-1876	1	Owner's Guide
20	—	1	Warranty

MODEL 1-4315-006 (WHITE) PARTS LIST			
ITEM	P/N	QTY	DESCRIPTION
1	307-1032	1	Skimmer U-Gasket
2	330-1004	16	#12 x 27/32 Phillips Screw
3	330-1008	3	#8 x 1/2 Phillips Screw
4	340-1789	1	Skimmer Face Plate
5	1121-1466	1	Skimmer Lid w/Decal
6	340-1321	1	Cover Plate
7	340-1410	1	Hose Adaptor
8	1121-1460	1	Return Fitting Complete
9	307-1031	1	Return Fitting U-Gasket
10	348-1027	1	Eyeball
11	340-1793	1	Return Fitting Body
12	340-1791	1	Return Fitting Adaptor
13	340-1790	1	Return Fitting Cover
14	340-1792	1	Winterizing Disc
15	340-1801	1	Eyeball Insert
16	1121-1728	1	Skimmer Body w/ Decal
17	1300-1002	1	Skimmer Basket
18	1107-1275	1	Weir & Hinge Assy.
19	365-1876	1	Owner's Guide
20	—	1	Warranty

EXPLODED SKIMMER



Change of Design: Lomart Industries expressly reserves the right to change or modify the design and construction of any product in due course of our manufacturing procedures, without incurring any obligation or liability to furnish or install such changes or modifications on products previously or subsequently sold.

Important! Above-ground pools are designed for swimming and wading only. **Do not Dive or Jump!** Misuse of your pool may result in crippling injury and/or other dangers to life and health. Do not use slides, diving boards, or any other platform or object which can be used for improper pool entry. Use only an above-ground swimming pool ladder to enter or exit your pool. It is the pool owner's responsibility to secure the pool against unauthorized, unsupervised or unintentional entry. It is also the pool owner's responsibility to warn all pool users of the hazards of diving into shallow water: paralyzing injury may result. Always obey all safety rules. Remember, pool safety is everybody's responsibility.



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