

TROUBLE SHOOTING

MOTOR DOES NOT START:

Make sure motor is plugged in.
Circuit breaker in OFF position.
Thermal Overload in tripped position.
Wiring installation incorrect.
Incorrect line voltage.
Defective wiring.

THERMAL OVERLOAD TRIPS:

Low Voltage.
Wiring installation incorrect.
Dual voltage pumps mis-wired.
Inadequate ventilation.

NO WATER FLOW:

Obstruction of suction or return line.
Clogged impeller.
Suction system air leaks.
Slice Valve Closed.
Clogged Hose Fitting.
Clogged Basket.
Dirty Sand.

EXCESSIVE PUMP NOISE:

Worn Bearings.
Suction Line Clogged.
Pump incorrectly mounted.
Hose Fitting partially closed.
Slice Valve partially closed.
Clogged Trap Basket.

INADEQUATE FILTERING:

Sand level too low.
Inadequately cleaned system.
Excessive dirt load.
Chemical imbalance.
Inadequate system pressure.

BAQUAPURE

Filtration System

HIGH RATE SAND FILTER



⚠ WARNING: NEVER RUN PUMP WITH SLICE VALVE CLOSED!

⚠ WARNING: NEVER CHANGE VALVE POSITION WITH PUMP RUNNING!

WINTERIZATION

1. **Backwash** filter system completely. **See Cleaning Instructions.**
2. Run a filter cleaning chemical through filter system as per cleaner instructions.
3. **Turn pump off.** Disconnect hoses from skimmer and return fitting.
4. Remove drain plug cap from bottom of filter tank. **Do Not** remove hex drain assembly, #28.
5. Unscrew drain plugs located at bottom of pump trap and front of pump housing. Let water drain completely.
6. Disconnect filter to pump connection. Loosen union connection on discharge of pump and remove from pump. **Do Not** lose 2" union gasket. Lift and remove pump and pump base from filter base. Store inside.

CCSS 5000DX WATER POLISHER USE

⚠ Warning: To reduce the risk of injury and product damage when using optional polishers:

- **Never** use any chemicals or components other than as recommended
- **Never** mix chemicals.
- **Always** wear protection for eyes, skin and clothing.
- **Do Not** Smoke. Avoid sparks and open Flames.
- **Turn off** pump and close valves before installing or servicing water polisher.

Limited Warranty:

Leisure Bay manufactures its products and equipment in accordance with very high standards of workmanship. We use the best materials available and maintain the highest quality procedures practical in the industry. In accordance, Leisure Bay warrants its products as follows: Warranty only applies to OEM's and Distributor's of Waterway.

All parts manufactured by Leisure Bay will be replaced or repaired of the defects as determined by Leisure Bay for a period of THREE YEARS from the date of purchase. The warranty does not cover O-rings, pressure gauges, pump seals or any other parts not manufactured by Leisure Bay.

Baquapure pumps are covered by a limited warranty from any defects in material or workmanship for a period of THREE YEARS from the date of purchase. This warranty includes the motor but excludes the motor seal.

All rotational molded sand filter bodies have a warranty of TEN YEARS, warranted on a pro-rated basis. If a defect becomes apparent during the first three (3) years, the body will be exchanged for a new body if the defects are determined by Leisure Bay to be the responsibility of Leisure Bay. If a defect becomes apparent after three (3) years from the date of purchase and in the opinion of Leisure Bay will require replacement, the body will be exchanged on an adjusted on a pro-rated basis. Charges to the owner,

based on a pro-rated basis will be determined by the actual number of months installed beginning with the date of purchase.

Products that fail or become defective during the warranty period, except as a result of improper installation, bad water chemistry, accidents or negligence on behalf of the owner, freezing, earthquake, fire, floods, or any other acts of nature, shall be repaired or replaced at Leisure Bay option without charge to the owner. This process will be completed within 90 days of receipt of the defective product barring delays caused by the acquisition of component parts not manufactured at our facility.

To obtain warranty replacements or repair, defective products should be returned (transportation paid) to the place of purchase or to Leisure Bay. It should include a description of the defect and the circumstances surrounding the incident or problem.

Warranty begins on the date of purchase. Leisure Bay shall not be responsible for cartage, removal and/or installation or any other costs incurred in obtaining warranty replacements.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

SAVE THESE INSTRUCTIONS

Read all instructions prior to installation

IMPORTANT: Follow all national and local building and safety codes.

Your Baquapure Sand Filter System is shipped with all needed components ready for assembly and installation.

SAFETY

Warning: A GFCI is required. System will require a 110Volt / 20 Amp service. **DO NOT use extension cords. Use will void warranty on pump motor.** The pool equipment should be located between the pool skimmer and return line. The filtration system should not be installed less than 2' and no more than 5' from the pool. The Baquapure Sand Filter System needs to be on a completely flat / level surface. (patio block, cement slab, etc.). Assemble filter system only after above ground pool is installed. Fill pool with water. **Important: Do Not raise water level above pool return line or skimmer throat until installation is complete. Note: Open shipping carton in an upright position, checking contents, as follows:**

- | | |
|-----------------------------|------------------------|
| 1. Pump and trap assemblies | 6. One fittings bag |
| 2. Pump mounting base | 7. One Collar Wrench |
| 3. Filter and base | 8. Water Polisher |
| 4. One filter / pump hose | 9. Water Polisher Base |
| 5. Two corrugated hoses | |

SEE ENCLOSED WATER POLISHER ASSEMBLY INSTRUCTIONS

CLEANING INSTRUCTIONS

Note: When pressure gauge reading is 5 PSI or higher than original starting pressure, the filter needs to be cleaned. The Baquapure Sand Filter System features our exclusive 7 Position Multiport Valve, which ensures safe and simple filter maintenance.

Warning: Pressurized vessel. Never attempt to loosen or open Collar Assembly, #16, P/N 718-1960 and #17, P/N 819-0015, while system is running. It could cause severe injury or harm to user.

- Turn off pump.
- Attach **Backwash** hose (optional) to waste port adapter.
- Rotate Multiport Valve handle to **Backwash** position, **Turn pump on** and run for 90 second intervals or until discharge water is clear. **Turn pump off.**
- Rotate Multiport Valve handle to **Rinse** position. **Turn pump on** for 30 seconds.
- Repeat steps 3 & 4 until all discharge water is clear while pump is turned on.
- Rotate Multiport Valve handle to **Filter** position. **Turn pump on.** Valve is now in normal operating position

REPLACEMENT PARTS

Item	Part No.	Description	Item	Part No.	Description
1	LB5501860	22" Model, Hose Assembly	22	505-3000	Threaded Sleeve for Split Nut
	LB5501870	26" Model, Hose Assembly	23	LB5152000	22" Sand Filter Body
2	711-4000	1 1/2" Gasket		LB5152060	26" Sand Filter Body
3	417-4161	1 1/2" Buttress x 1 1/2" MPT	24	502-2011	Sand Fill Guide
4	805-0224	O-Ring	25	505-2020	Drain Assembly
5	419-4161	2" NPT x 1 1/2" Buttress Coupling	26	505-2030	Drain Cap Assembly
6	902-2000	Teflon Tape	27	820-0017	Washer 3/8" Flat
7	CCSS-5000	Water Polisher	28	819-0016	Bolt for 22", 26" Sand Filter 3/8" 16x 1 1/2" Hex
8	819-0004	Screw (4) #10x1 PPH	29	672-7211	Filter Base
9	CABASE-V	Water Polisher Base	30	672-7201	Pump Base
10	600-8171	Check Valve Adapter Assembly	31	PB2200	2 HP, 2 SPD Baquapure Pump
11	872-0011	Hose Clamp, Stainless Steel		PB2250	2.5 HP, 2 SPD Baquapure Pump
12	872-9002	Corrugated Hose, Black	32	429-7300	Pin & Anchor Assembly
13	830-2000-LB	0-30 PSI Gauge	33	711-4010	2" Gasket
14	WVS003-BP	Multiport Valve Assembly	34	LB5501821	22" Sand Filter Hose Assembly
15	425-1928	Waste Adapter Fitting		LB5501831	26" Sand Filter Hose Assembly
16	505-1970	Collar Wrench	35	319-3230	6" Basket Assembly (Not Shown)
17	505-3010	Split Nut, Sand Filter Assembly	36	319-2170	6" Pump Trap Body
18	819-0015	Screw, 1/4" 20 PPH X 2"	37	805-0436	O-Ring
19	820-0013	Hex Nut, Serrated 1/4" 20	38	319-3260	6" Pump Trap Lid
20	805-0435	O-Ring	39	WV001U	Slice Valve with Gasket
21	505-2060	22" Lateral and Manifold Assembly			
	505-2080	26" Lateral and Manifold Assembly			
			810-0081-LB R8		Instruction Sheet

REPLACEMENT PARTS DIAGRAM

