



TAGELUS®

TOP MOUNT FILTER



INSTALLATION AND USER'S GUIDE

IMPORTANT SAFETY INSTRUCTIONS
READ AND FOLLOW ALL INSTRUCTIONS
SAVE THESE INSTRUCTIONS

ENGLISH

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IMPORTANT WARNING AND SAFETY INSTRUCTIONS



IMPORTANT NOTICE:

This guide provides installation and operation instructions for this filter. Consult Pentair with any questions regarding this equipment.

Attention Installer: This guide contains important information about the installation, operation and safe usage of this product. This information should be given to the owner and/or operator of this equipment after installation or left on or near the filter.

Attention User: This manual contains important information that will help you in operating and maintaining this filter. Please retain it for future reference.

WARNING Before installing this product, read and follow all warning notices and instructions which are included. Failure to follow safety warnings and instructions can result in severe injury, death, or property damage. Call (800) 831-7133 for additional free copies of these instructions.

Consumer Information and Safety

This filter is designed and manufactured to provide many years of safe and reliable service when installed, operated and maintained according to the information in this manual and the installation codes referred to in later sections. Throughout the manual, safety warnings and cautions are identified by the “⚠” symbol. Be sure to read and comply with all of the warnings and cautions.

WARNING



THIS FILTER OPERATES UNDER HIGH PRESSURE

When any part of the circulating system, (e.g., closure, pump, filter, valve(s), etc.), is serviced, air can enter the system and become pressurized. Pressurized air can cause the top closure to separate which can result in severe injury, death, or property damage. To avoid this potential hazard, follow these instructions:

1. If you are not familiar with your pool filtering system and/or heater:
 - a. **Do NOT** attempt to adjust or service without consulting your dealer, or a qualified pool technician.
 - b. Read the entire Installation & User's Guide before attempting to use, service or adjust the pool filtering system or heater.
2. Before repositioning valve(s) and before beginning the assembly, disassembly, or any other service of the circulating system: (A) Turn the pump **OFF** and **shut OFF** any automatic controls to ensure the system is NOT inadvertently started during the servicing; (B) open the manual air bleeder valve; (C) wait until all pressure is relieved.
3. Whenever installing the filter closure **FOLLOW THE FILTER CLOSURE WARNINGS EXACTLY.**
4. Once service on the circulating system is complete **FOLLOW INITIAL START-UP INSTRUCTIONS EXACTLY.**
5. Maintain circulation system properly. Replace worn or damaged parts immediately, (e.g., closure, pressure gauge, valve(s), o-rings, etc).
6. Be sure that the filter is properly mounted and positioned according to instructions provided.

IMPORTANT WARNING AND SAFETY INSTRUCTIONS

⚠ WARNING This filter must be installed by a licensed or certified electrician or a qualified pool serviceman in accordance with the National Electrical Code and all applicable local codes and ordinances. Improper installation could result in death or serious injury to pool users, installers, or others and may also cause damage to property.

Always disconnect power to the pool circulating system at the circuit breaker before servicing the filter. Ensure that the disconnected circuit is locked out or properly tagged so that it cannot be switched on while you are working on the filter. Failure to do so could result in serious injury or death to serviceman, pool users or others due to electric shock.

⚠ WARNING Do not operate the filter until you have read and understand clearly all the operating instructions and warning messages for all equipment that is a part of the pool circulating system. The following instructions are intended as a guide for initially operating the filter in a general pool installation. Failure to follow all operating instructions and warning messages can result in property damage or severe personal injury or death.

⚠ WARNING To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

⚠ WARNING Due to the potential risk that can be involved it is recommended that the pressure test be kept to the minimum time required by the local code. Do not allow people to work around the system when the circulation system is under pressure test. Post appropriate warning signs and establish a barrier around the pressurized equipment. If the equipment is located in an equipment room, lock the door and post a warning sign.



Never attempt to adjust any closures or lids or attempt to remove or tighten bolts when the system is pressurized. These actions can cause the closure to separate and could cause severe personal injury or death if they were to strike a person.

⚠ WARNING Never exceed the maximum operating pressure of the system components. Exceeding these limits could result in a component failing under pressure. This instantaneous release of energy can cause the closure to separate and could cause severe personal injury or death if they were to strike a person.



Note: Before installing this product, read and follow all warning notices and instructions in this manual.

Introduction

The following general information describes how to install the Tagelus® Top Mount Filter. This filter operates under pressure and if assembled improperly or operated with air in the water circulation system, it can separate and result in an accident causing property damage or serious bodily injury. A warning label has been affixed to the top of the filter and should not be removed. Keep safety labels in good condition and replace if missing or illegible.

How Your Filter Works

Your high rate sand filter is designed to operate for years with a minimum of maintenance and when installed, operated and maintained in accordance with these instructions, it will provide years of trouble free operation.

Dirt is collected in the filter as the water flows through the control valve at the top of the filter and is directed downward onto the top surface of the filter sand bed. The dirt is collected in the sand bed and the clean water flows through the lower piping at the bottom of the filter up through the center pipe into the control valve at the top of the filter. Clean water then returns through the piping system into the pool.

The pressure will rise and the flow to the pool will be lowered as the dirt is collected in the filter. Eventually, the filter will become so plugged with dirt that it will be necessary to perform the backwash procedure. It is important to know when to backwash the filter. Backwashing is discussed further under the subsequent sections of this guide.

Please note that a filter removes suspended matter and does not sanitize the pool. The pool water must be sanitized and the water must be chemically balanced for sparkling clear water. Your filtration system should be designed to meet your local health codes. As a minimum, you must be sure that your system will turn over the total volume of water in your pool at least twice in a twenty-four hour period.

Refer to **Table 1** for Filter Operation Data.

Table 1.

FILTER MODEL NUMBER	FILTER AREA (Sq. Ft.)	Flow Rate *(GPM)	Turnover Capacity (Gallons)			
			4 TURNS PER DAY	3 TURNS PER DAY	2.4 TURNS PER DAY	2 TURNS PER DAY
TA40 / TA40D	1.8	40	14,400	19,200	24,000	28,800
TA50 / TA50D	2.3	50	18,000	24,000	30,000	36,000
TA60 ClearPro / TA60D	3.1	60	21,600	28,800	36,000	43,200
TA100D	4.9	100	36,000	48,000	60,000	72,000



WARNING Failure to operate your filter system or inadequate filtration can cause poor water clarity obstructing visibility in your pool and can allow diving into or on top of obscured objects which can cause serious personal injury or drowning.

Clear water is the result of proper filtration as well as proper water chemistry. Pool chemistry is a specialized area and you should consult your local pool service specialist for specific details. In general, proper pool sanitation requires a free chlorine level of 1 to 2 PPM and a pH range of 7.2 to 7.6.

Installing the Filter

Only a qualified service person should install the Tagelus® Top Mount Filter. This filter is designed and intended for use to filter water.

⚠ WARNING



Filters should never be tested or subjected to air or gas under pressure. All gases are compressible and under pressure create a danger. Severe bodily injury or property damage could occur if the filter is subjected to air or gas pressure.

1. Check carton for any evidence of damage due to rough handling in shipment. If carton or any filter components are damaged, notify the freight carrier immediately.
2. Carefully remove the accessory package and the filter tank from the carton.
3. Mount the filter on a permanent slab, preferably concrete poured in a form or on a platform constructed of concrete block or brick. **DO NOT** use sand to level the filter or for the pump mounting, as it will wash away.
4. Provide space and lighting for routine maintenance access. Do not mount electrical controls over the filter. One needs to be able to stand clear of the filter when starting the pump. Minimum space requirements may be found on the large nameplate on the filter.
5. Sand specifications – be certain the proper sand is used as described in Table 2. Before pouring the sand into the filter, look inside and check the lower under-drain for broken or loose laterals (or fingers), which may have been accidentally damaged by rough handling during shipment. Replace any broken parts if necessary.
6. Install the sand guide in the top of the filter and fill the tank about half full with water. Pour the sand into the top of the filter at a slow rate so that the weight of the sand does not damage the laterals. See **Table 2** for proper amounts of sand. After filling to the proper level, remove and discard the sand guide. Wash away all sand around the opening at the top of the tank.
7. Be sure that all sealing surfaces are clean and apply a light coating of a silicone based lubricant to the valve o-ring.
8. Position valve so that the port locations are in the desired final positions. Follow the enclosed valve installation procedure instructions.
9. Assemble piping and pipe fittings to pump and valve. All piping must conform to local and state plumbing and sanitary needs.
10. Use sealant compounds on all male connections of pipe and fittings. Use only pipe compounds suited for plastic pipe. Support pipe to prevent strains on filter, pump or valve.

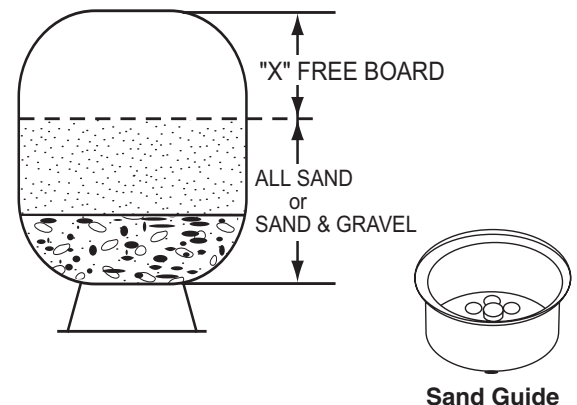
Note: The free board distance is the most important variable and should be maintained. Sand density will vary and therefore sand amount is given as a reference.

Table 2. Filter Sand Detail and Data

FILTER MODEL	FILTER MEDIA (POUNDS)			FREE BOARD "X"
	ALL SAND*	PEA GRAVEL ‡	SAND	
TA40 / TA40D	175	50	125	7¾"
TA50 / TA50D	225	50	175	9¼"
TA60 ClearPro / TA60D	325	50	275	10¼"
TA100D	600	150	450	11¼"

‡ Pea Gravel size to be 1/8" to 1/4" diameter.

* SAND SIZE: 0.018 - 0.022 in. particle size (0.44 - 0.55 mm particle size) = No. 20 Standard Silica Sand having a uniformity coefficient of 1.75 or less.



11. Long piping runs and elbows restrict flow. For best efficiency, use the fewest possible number of fittings, large diameter pipe (at least 1½" for TA60, and at least 2" for TA100D) and locate equipment as close to pool as possible.

CAUTION Operating at excessive vacuum levels can cause the tank to crack and could cause property damage.

12. When installing backwash lines it is recommended that a vacuum breaker, (P/N 272044), be installed on installations where the backwash line is 1½" and the length exceeds 40 ft., or if the backwash line discharges 10 ft. or more lower than the surface level of the pool. Alternately, a vacuum break pit could be provided on systems using 2" or larger backwash lines.
13. A check valve is recommended between the filter and heater to prevent hot water "back up" which will damage the filter and valve.
14. The maximum operating pressure of this unit is 50 pounds per square inch. Never operate this filter above this pressure or connect a pump to this filter that has more than 50 psi shut-off pressure.
15. Never install a chlorinator upstream from the filter. Always locate downstream with a check valve in between the chlorinator and filter.
16. A positive shut-off valve is not recommended at the outlet of the filtering system. If the system is ever run with such a valve closed, the internal air relief system becomes inoperative and an explosive situation could exist. Additionally, running the system with no flow will seriously damage the equipment.

WARNING Chemical fumes and/or spills can cause severe degradation of filter structural components. Structurally weakened filter components can cause filter valve or attachments to separate and could cause severe bodily injury and/or property damage.

17. Never store pool chemicals within 10 ft. of your pool filter. Pool chemicals should always be stores in a cool, dry, well ventilated area.

Initial Start-up

1. On a new pool, clean the pool before filling the pool with water. Excessive dirt and large particles can cause damage to the pump and filter.
2. Ensure that the backwash line is open so that water is free to come from the pool and flow out the backwash line. Set control valve to backwash position.
3. Check pump strainer pot to be sure it is full of water. Replace pump lid.

WARNING Air entering the filter and the valve clamp not closed properly can cause the valve to separate and could cause severe bodily injury and/or property damage.

4. Check valve clamp for tightness.
5. Open the manual air bleeder on the 6-Way Valve, (except TA100D). Stand clear of the filter and start the pump allowing it to prime.
6. Close the air bleeder on the 6-Way Valve, (except TA100D), when all the air is removed from the filter and a steady stream of water emerges.

Note: Pool filter sand is typically pre-washed and should not require extensive backwashing. However, the shipping process may cause excessive abrasion which could require an extended backwash cycle at initial start-up; continue to backwash until the backwash water is as clear as the pool water.

CAUTION To prevent equipment damage and possible injury, always turn the pump off before changing the valve position.

7. Stop the pump. Set the valve to the filter position.
8. Ensure all suction and pool return lines are open so that water is free to come from the pool and return to the pool.
9. Open the manual air bleeder on the 6-Way Valve, (except TA100D). Stand clear of the filter and start the pump.
10. Close the air bleeder on the 6-Way Valve, (except TA100D), when a steady stream of water emerges.
11. The filter has now started its filtering cycle. You should ensure that water is returning to the pool and take note of the operating pressure when the filter is clean.

MAINTENANCE

This section describes how to maintain your Tagelus® Top Mount Filter.

Filter Care

The filter is a very important part of the pool equipment and installation. Proper care and maintenance will add many years of service and enjoyment to the pool. Follow these suggestions for long trouble-free operation:

1. To clean the exterior of the filter of dust and dirt, wash with a mild detergent and water then hose off. Do not use solvents.
2. If internal maintenance is required, sand may be removed by removing the entire drain spigot from the bottom of the filter and flushing with a garden hose. Pentair Sand Vacuum P/N 542090 may also be used.
3. If, after a number of years, the filter tank appears foggy in color or rough in texture, the tank surface can be painted. We recommend the use of a Quick Dry Spray Enamel. **Do NOT paint the VALVE.**



WARNING Always visually inspect filter components during normal servicing to ensure structural safety. Replace any item which is corroded, deformed or otherwise visually defective. Defective filter components can allow the filter top or attachments to separate and could cause severe bodily injury or property damage.

4. The valve clamp used on your filter was manufactured with high quality corrosion resistant materials. The manufacturing process could allow sharp edges to be present on the parts. When working around the clamp, use caution to prevent potential injury to fingers or hands from contact with sharp edges.
5. Your filter is a pressure vessel and should never be serviced while under pressure. Always relieve tank pressure and open air bleeder on the valve before attempting to service your filter.
6. When restarting your filter, always open the manual air bleeder on the valve and stand clear of the filter.

Cleaning Frequency

1. The filter on a new pool should be backwashed, and cleaned after approximately 48 hours of operation to clean out plaster dust and/or construction debris.
2. There are three different ways to identify when the filter needs backwashing.
 - a. The most accurate indicator on pool systems with a flow meter is to backwash when the flow decreases 30% from the original (clean filter) flow. For example, if the original flow was 60 GPM, the filter should be backwashed when the flow is reduced by about 20 GPM (or 30%) to 40 GPM.
 - b. A more subjective and less accurate indicator is to observe the amount of water flowing from the flow directionals located in the wall of the pool. The filter should be backwashed once it is detected that the flow has been reduced.
 - c. The most commonly used but less accurate indicator is to backwash when the filter gauge reading increases 10 PSI over the initial (clean filter) reading.
3. It is important not to backwash the filter solely on a timed basis such as every three days. It is also important to note that backwashing too frequently actually causes poor filtration. Factors like weather conditions, heavy rains, dust or pollen, and water temperatures all affect the frequency of backwash. As you use your pool, you will become aware of these influences.
4. If, at any time, the starting pressure after backwashing the filter indicates 4 to 6 PSI higher than normal starting pressure, it is time to perform a chemical cleaning procedure.

Filter Backwash Procedure

⚠ WARNING To prevent equipment damage and possible injury, always turn off pump before changing valve positions.

1. Stop the pump.
2. Ensure that the suction and backwash lines are open so that water is free to come from the pool and flow out the backwash line. Set control valve to backwash position.
3. **Stand clear of the filter** and start the pump.
4. Backwash filter for approximately 3 to 5 minutes or until backwash water is clean.
5. Stop the pump and set valve to rinse position.
6. **Stand clear of the filter** and start the pump.
7. Rinse filter for approximately 30 seconds.
8. Stop the pump and set valve to filter position.
9. Ensure that pool return line is open so that water may flow freely from the pool back to the pool.
10. Open manual air bleeder on 6-Way Valve, (except TA100D). Stand clear of filter and start the pump.
11. Close manual air bleeder on the 6-Way Valve, (except TA100D), when all the air is removed and a steady stream of water emerges from the bleeder.
12. The filter has now started its filtering cycle. You should ensure that water is returning to the pool and take note of the filter pressure.
13. The filter pressure, in the above Step 12, should not exceed the pressure originally observed on the filter when it was initially started. If after backwashing, the pressure is 4 to 6 PSI above the start condition, it will be necessary to chemically clean the sand bed.

Chemical Cleaning Procedure

1. It is recommended that one of the following cleaners be used. Please contact your local pool chemical supplier or retail store for the proper cleaner.
These cleaners will remove oils, scale and rust from the sand bed in one cleaning operation.
2. Mix a solution following the manufacturers instructions on the label.
3. Backwash the filter with the Multiport Valve as outlined above.
4. If the filter is below pool level, shut off the pump and close appropriate valves to prevent draining the pool.
5. Shut off pump, open filter drain and let filter drain. Place valve in backwash position.
6. After filter has drained, close filter drain and remove the pump strainer pot lid.
7. Ensure that the backwash lines are open.
8. Turn the pump on and slowly, pour the cleaning solution into the pump strainer with the pump running. If the filter is below pool, open shut-off valve slightly to allow pump to run.
9. Continue adding solution until the sand bed is saturated with cleaning solution.
10. Shut off the pump and leave filter in backwash position. Allow filter to stand overnight (12 hours).
11. Replace the pump lid and follow backwash procedures as outlined above.
12. Do not allow the cleaning solution to get into the pool.

Winterizing your Filter

1. In areas that have freezing winter temperatures, protect the pool equipment by backwashing the filter.
2. After backwashing, shut the pump off, open the manual air bleeder on the 6-Way Valve, (except TA100D), and move the handle of the Multiport Valve to the Winterize Position.
3. Remove the wing-type plug on the bottom of the filter. The filter will drain very slowly, and therefore, it is recommended that the drain plug be left out during shutdown season.
Note: The Multiport Valve should be left in the “Winterize Position” during shutdown season so that the valve diverter has no pressure on the rubber seal.
4. Drain all appropriate system piping.
5. We recommend covering the equipment with a tarpaulin or plastic sheet to inhibit deterioration from weather. Do **NOT** wrap the pump motor with plastic.

TROUBLESHOOTING

Use the following troubleshooting information to resolve possible problems with your Tagelus® Top Mount Filter.

⚠ WARNING



THIS FILTER OPERATES UNDER HIGH PRESSURE

When any part of the circulating system, (e.g., closure, pump, filter, valve(s), etc.), is serviced, air can enter the system and become pressurized. Pressurized air can cause the top closure to separate which can result in severe injury, death, or property damage. To avoid this potential hazard, follow these instructions:

1. If you are not familiar with your pool filtering system and/or heater:
 - a. **Do NOT** attempt to adjust or service without consulting your dealer, or a qualified pool technician.
 - b. Read the entire Installation & User's Guide before attempting to use, service or adjust the pool filtering system or heater.
2. Before repositioning valve(s) and before beginning the assembly, disassembly, or any other service of the circulating system: (A) Turn the pump **OFF** and **shut OFF** any automatic controls to ensure the system is NOT inadvertently started during the servicing; (B) open the manual air bleeder valve; (C) wait until all pressure is relieved.
3. Whenever installing the filter closure **FOLLOW THE FILTER CLOSURE WARNINGS EXACTLY**.
4. Once service on the circulating system is complete **FOLLOW INITIAL START-UP INSTRUCTIONS EXACTLY**.
5. Maintain circulation system properly. Replace worn or damaged parts immediately, (e.g., closure, pressure gauge, valve(s), o-rings, etc).
6. Be sure that the filter is properly mounted and positioned according to instructions provided.

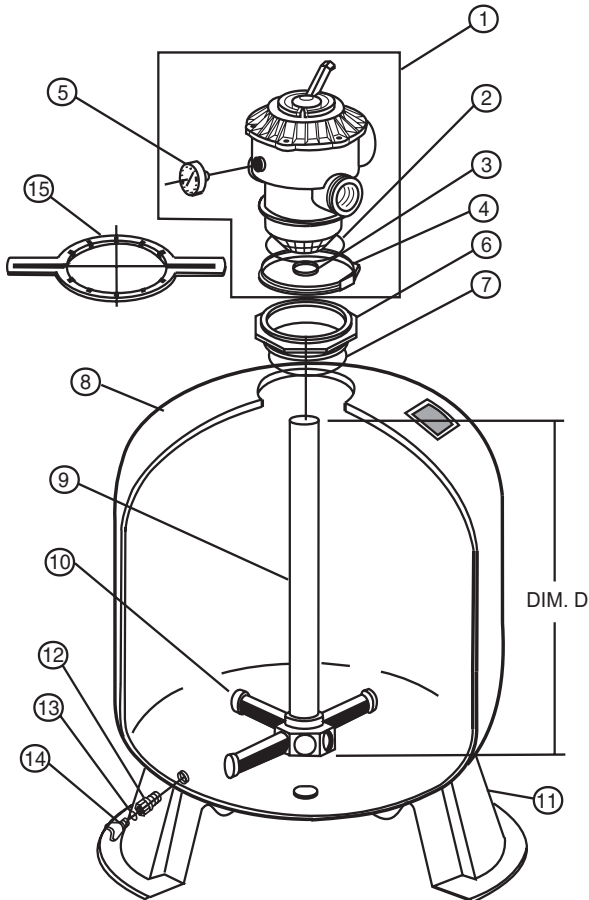
Note: Turn off power to unit prior to attempting service or repair.

Problems and Corrective Actions

PROBLEM	CAUSE	REMEDY
Pool water not sufficiently clean	<ol style="list-style-type: none"> 1. Pool chemistry not adequate to inhibit algae growth. 2. Too frequent a backwash cycle. 3. Improper amount or wrong sand size. 4. Inadequate turnover rate. 	<p>Maintain pool chemistry or consult pool service technician.</p> <p>Allow pressure to build to 10 psi above clean filter condition before backwashing.</p> <p>Check sand bed depth and sand size or consult a pool service technician.</p> <p>Run system for longer time or consult dealer or pool service technician.</p>
High filter pressure	<ol style="list-style-type: none"> 1. Insufficient backwashing. 2. Sand bed plugged with mineral deposits. 3. Partially closed valve or restriction in return. 	<p>Backwash until effluent runs clear.</p> <p>Chemically clean filter.</p> <p>Open valve or remove obstruction in return line.</p>
Short cycles	<ol style="list-style-type: none"> 1. Improper backwash. 2. Pool chemistry not adequate to inhibit algae growth. 3. Plugged sand bed. 4. Flow rate too high. 	<p>Backwash until effluent runs clear.</p> <p>Maintain pool chemistry or consult pool service technician.</p> <p>Manually remove top 1" surface of sand bed, replace with new sand and chemically clean entire sand bed as described in the <i>Chemical Cleaning Procedure</i>.</p> <p>Restrict flow to capacity of filter.</p>
Return flow to pool diminished, low filter pressure	<ol style="list-style-type: none"> 1. Obstruction in pump hair and lint strainer. 2. Obstruction in pump. 3. Obstruction in suction line to pump. 	<p>Clean basket in pump strainer.</p> <p>Disassemble and clean pump.</p> <p>Clean skimmer basket. Remove obstruction in lines.</p> <p>Open valves in suction line.</p>
Sand returning to pool	<ol style="list-style-type: none"> 1. Broken under drain lateral. 2. Backwash rate too high. 3. Air strainer on Tagelus Valve is damaged or missing. 	<p>Replace broken or damaged laterals.</p> <p>Reduce backwash flow rate.</p> <p>Replace damage components.</p>

REPLACEMENT PARTS

Illustrated Parts List



- | | |
|---|-------------------|
| ❶ | TA40 / TA40D |
| ❷ | TA50 / TA50D |
| ❸ | TA60 / TA60D |
| ❹ | TA100D |
| ❺ | TA60 (w/ClearPro) |

NOTE 1: Tank and filter assembly have valve adapter (Item 6) factory installed.

NOTE 2: Replacement of tank foot requires the use of mounting tape. See part number listed.

NOTE 3: Lubricate O-ring liberally w/ silicone lubricant and tighten to following spec:
 40D, 50D, 60D Handtight plus ¼ turn min.
 TA100D Handtight plus ¾ turn min.

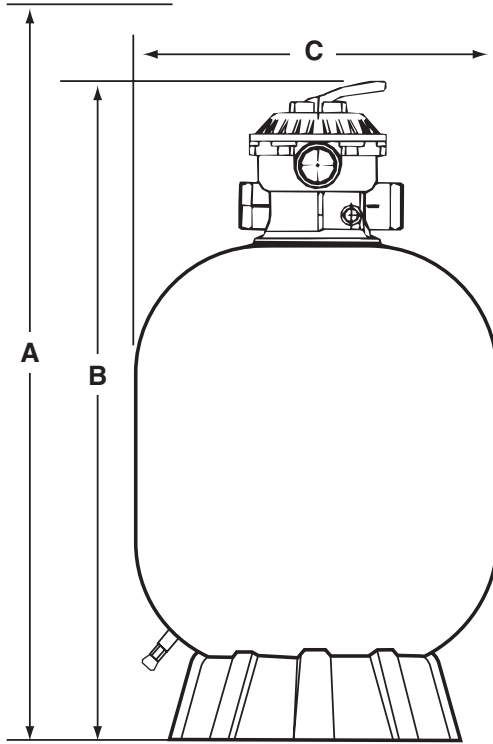
NOTE 4: TA100D filters manufactured before December 1, 1993, have a different threaded operation on the filter tank and require a different 8½" adaptor, P/N 154521.

Item No.	Part No.	Description
1	262506	Valve, 1-1/2 in. ❶❷❸
	261185	Valve, 2 in. ❹
2	272541	O-ring, Valve Body, 3/16 in. X 4-3/4 in. I.D. ❶❷❸
	275333	O-ring, Valve Body, 3/16 in. X 6-1/2 in. I.D. ❹
3	355330	O-ring, Standpipe
4	152165	Clamp, 6-1/2 in. ❶❷❸
	272619	Clamp, 8.35 in. ❹
5	190059	Pressure Gauge
6	152520	Adapter, Quad Seal, 6 in. ❶❷❸
	154521	Adapter, 8-1/2 in. (NOTES 3 & 4) ❹
7	152517	O-ring, Valve Adapter 154555 & 154225 (9/17 or earlier) ❶❷❸
	152516	Quad Ring, Valve Adapter 154520 (9/17 or newer) ❶❷❸
	355619	O-ring, Valve Adapter, 1/8 in. X 8-1/4 in. I.D. ❹
8	155276	Tank & Foot Assembly w/ Valve Adapter (NOTE 1) ❶
	155279	Tank & Foot Assembly w/ Valve Adapter (NOTE 1) ❷
	155269	Tank & Foot Assembly w/ Valve Adapter (NOTE 1) ❸
	155324	Tank & Foot Assembly w/ Valve Adapter (NOTE 1) ❹
9	151633	Piping Assembly (DIM. D = 18-4/5 in.) ❶
	155334	Piping Assembly (DIM. D = 19-7/8 in.) ❷
	155299	Piping Assembly (DIM. D = 22-5/8 in.) ❸
	155340	Piping Assembly - Less Hub (DIM. D = 27-1/4 in.) ❹
	155323	Piping Assembly - w/Hub (DIM. D = 27-1/4 in.) ❹
10	150084	Lateral, 6 req. ❶
	150085	Lateral, 6 req. ❷❸
	152202	Lateral, 6 req. ❹
	150088	Lateral, 6 req. ❺
11	154926	Tank Foot ❶❷❸
	154596	Tank Foot (NOTE 2) ❹
12	154698	Spigot, Sand Drain, 3/4 in. ❶❷❸
	152220	Spigot, Sand Drain, 2 in. ❹
13	192115	O-ring, Drain Plug 1/16 in. X 1/2 in. I.D.
14	357161	Drain Plug
15	154512	Wrench, 6-1/2 in. Across Flats ❶❷❸
	151608	Wrench, 9 in. Across Flats ❹
-	154402	Mounting Tape, Foot ❶❷❸
	154407	Mounting Tape, Foot ❹
-	155051	Sand Guide
-	155281	Hub Assembly ❹
	152222	Hub Assembly ❶❷❸

If your filter was manufactured before November 1994, please call Pentair Technical Support at 1-800-831-7133 for correct replacement part numbers for your filter. The first 4 digits of the serial number indicate the month and year product was manufactured.

Dimensional Drawings

Clearance to remove valve & internal piping



MODEL	A DIM.	B DIM.	C DIM.
TA40	46 in.	37 in.	18¾ in.
TA50	50½ in.	38½ in.	21¼ in.
TA60 ClearPro	57 in.	42½ in.	24½ in.
TA40D	47 in.	37 in.	19½ in.
TA50D	51½ in.	39½ in.	21½ in.
TA60D	57 in.	42½ in.	24½ in.
TA100D	65½ in.	47¼ in.	30½ in.