

FILTRATION

SCREENGUARD™ AUTOMATIC SCREEN FILTERS

OPERATION, INSTALLATION & MAINTENANCE GUIDE



TABLE OF CONTENTS

General Information.....	4
Specifications.....	4
Operations.....	6
Dimensions & Weight.....	7
Installation.....	8
Maintenance	
Battery Removal & Replacement.....	9
Control Card Removal & Replacement.....	10
Solenoid Removal & Replacement	11
Hydraulic Piston Assembly & Replacement.....	12
Coarse Screen Removal & Replacement	13
Fine Screen Assembly Removal & Replacement.....	14
Dirt Collector Removal & Replacement	15
Periodic Checks	16
Troubleshooting	
Pressure Difference Between Inlet and Outlet	17
Filter Flushing Cycle	17
Replacement Parts	18

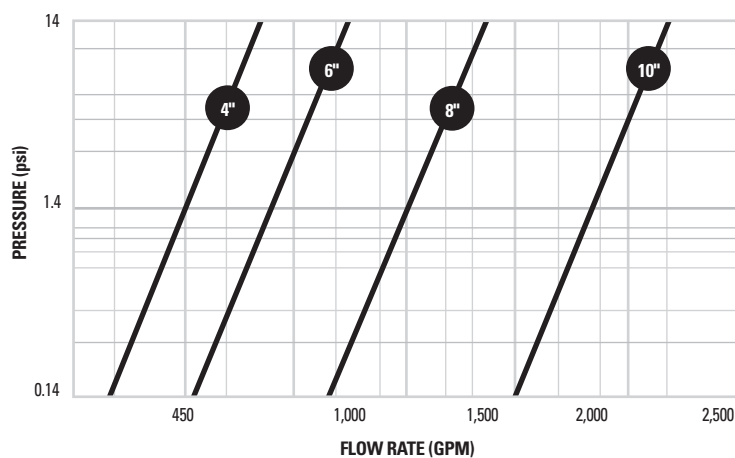
GENERAL INFORMATION

- Prior to installation or handling of the filter, read carefully the installation and operation instructions carefully.
- Confirm filter draining prior to service.
- Take precautions while lifting, transporting or installing the filter.
- Installation of the filter should be performed so as to avoid direct water splashing on any of the filter parts and especially on the electronic control unit.
- Confirm that filter weight, when full, meets the support construction requirements.
- Prior to installation confirm that line pressure matches filter's operational pressure.
- During installation, use standard flanges and connections only.
- Check that all filter flange bolts are properly secured.
- Please note, the filter enters a flushing mode automatically, without prior warning.
- Use original parts only when servicing the filter.
- NETAFIM can not accept responsibility for any changes or modifications to the equipment.

SPECIFICATIONS

- Minimum operating pressure: 30 psi
- Maximum Operating Pressure: 150 psi
- Maximum Water Temperature: 149° F (65° C)
- End Connections: Flanged
- Screen Mesh Sizes: 080, 120, 150, 200
- Sizes: 4", 6", 8" and 10"
- Control voltage: DC Latching
- Filter housing: baked epoxy, carbon steel coated

HEADLOSS (FLOW VS. PRESSURE)



SPECIFICATIONS

The ScreenGuard self-cleaning filter enables high quality filtration from 80-200 mesh from various types of fluid sources such as sewage, reservoirs, rivers, lakes, and wells.

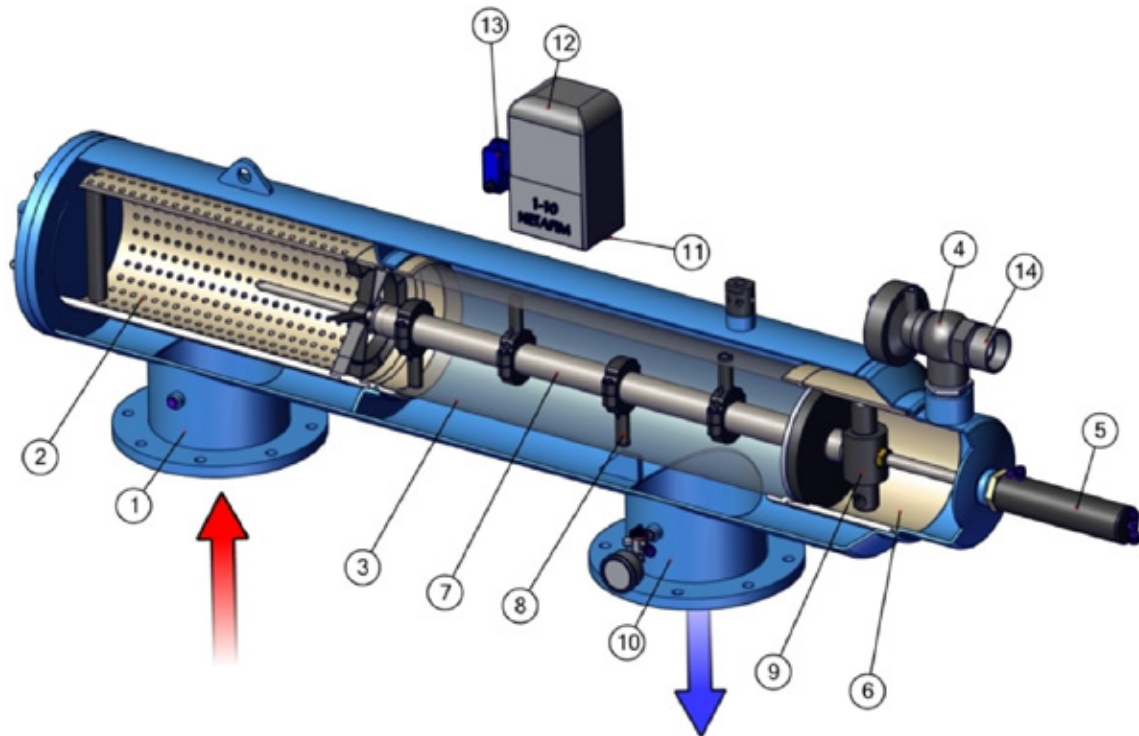


FIGURE 1

SPECIFICATIONS			
SIZE	SCREEN AREA	BACKFLUSH FLOW RATE	MAXIMUM FLOW RATE
4"	1,300 SQ. IN.	132 GPM	440 GPM
6"	1,300 SQ. IN.	132 GPM	700 GPM
8"	1,300 SQ. IN.	132 GPM	1,320 GPM
10"	1,815 SQ. IN.	396 GPM	2,000 GPM

MESH / MICRON				
MESH	80	120	150	200
MICRON	200	120	100	80

KEY	DESCRIPTION
1	Inlet
2	Coarse Screen
3	Fine Screen
4	Flushing Valve
5	Hydraulic Piston
6	Flushing Chamber
7	Dirt Collector
8	Suction Nozzle
9	Hydraulic Motor
10	Outlet
11	Electronic DP Unit
12	Control Unit
13	Solenoid Valve
14	Adapter 2"

OPERATIONS

FILTER OPERATIONS (FIGURE 1)

- Water enters the filter through the “Inlet” (1) and passes through the coarse screen (2) that functions as a “first stop” for rough particles.
- Water then reaches the fine screen (3), which further purifies the flow by separating smaller particles from the water. As more water flows through, impurities build up on the fine screen. As impurities on the screen accumulate, a pressure imbalance is built up between the internal section of the fine screen (3) and its external section.
- When the difference in pressure (DP) reaches the preset value in the electronic control unit (12), a series of events is triggered while the water continues to flow to the user.
- The flushing valve (4) opens, pressure is released from the hydraulic piston (5) and water flows outside.
- Pressure in the hydraulic motor chamber (9) and the dirt collector (7) is significantly lowered, and the dirt collector nozzles (8) begin a suction process.
- The water flows through the hydraulic motor (9) which rotates the dirt collector (7) around its axis.
- The pressure released from the piston (5) and the high pressure inside the filter cause linear movement of the dirt collector. The combination of the linear movement and rotation significantly cleans the entire internal screen (3) surface.
- The flushing cycle takes about 10 seconds. The flushing valve (4) closes at the end of the cycle and the increased water pressure returns the hydraulic piston (5) to its initial position. The filter is now ready for the next flushing cycle, with clean and filtered water flowing through the “Outlet” (10).

Note: At the back of the piston is an indicator that pops up when the piston reaches the end of its motion. This indicator helps us to check whether the dirt collector, inside the filter, completed it's motion.

ELECTRONIC CONTROL SYSTEM (FIGURE 1)

- The electronic system (12) initiates the cleaning process based on either time differential (DT) and / or pressure indicator differential.
- The trigger closes a circuit and then triggers the electronic control unit after a delay of 15 seconds.
- The electronic control unit (12) controls the opening and the closing of the flushing valves (4) via the solenoid valve (13).
- The flushing cycle, which takes a total of about 10 seconds (can be adjusted by the operator), resumes its operation whenever the time cycle ends or the difference in pressure reaches the preset pressure value set in the controller.
- If the difference in pressure remains unchanged after one cycle, another cycle will start after a delay of 15 seconds.

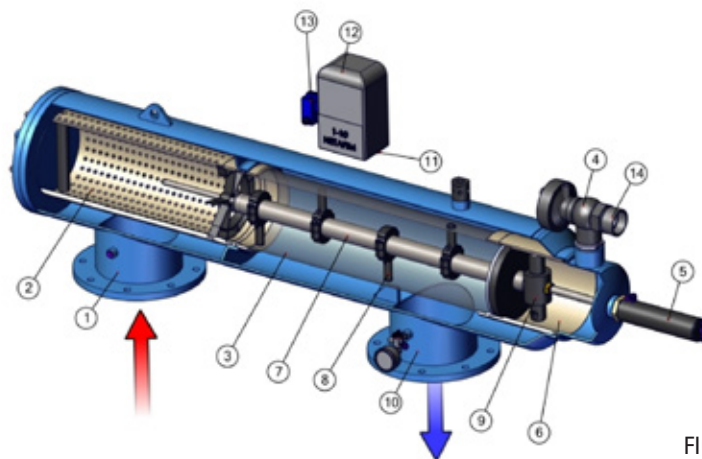
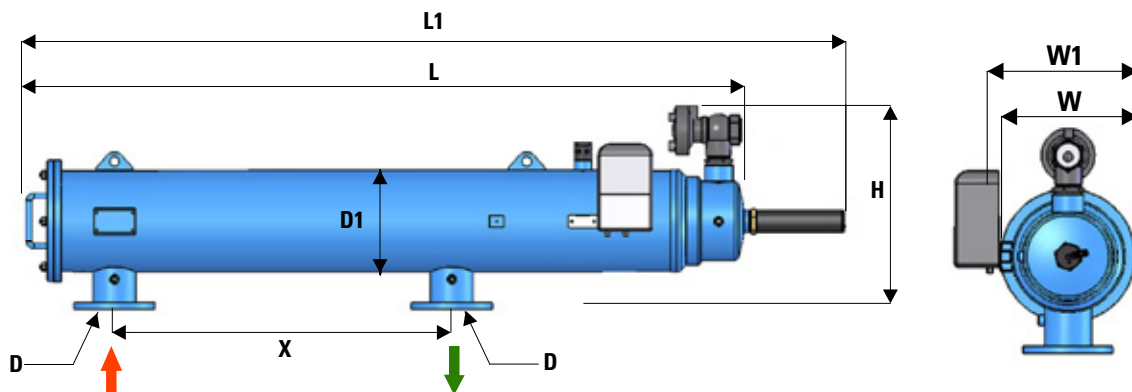


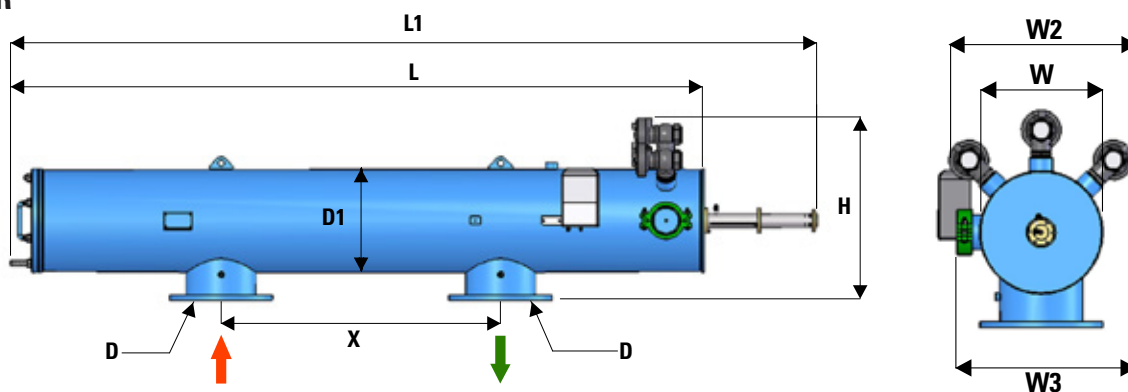
FIGURE 1

DIMENSIONS & WEIGHT

4", 6" AND 8" FILTERS



10" FILTER



DIMENSIONS

SIZE	D (IN/OUT)	D1	H	X	L	L1	W	W1	W2	W3
4"	4"	10"	21.44"	35.43"	76.02"	85.83"	12.79"	12.95"	-	-
6"	6"	10"	21.84"	35.43"	78.78"	88.58"	12.79"	12.95"	-	-
8"	8"	12"	22.81"	35.43"	86.26"	96.08"	12.79"	13.77"	-	-
10"	10"	16"	28.35"	43.31"	106.29"	125.2"	16.0"	-	24.16"	23.93"

WEIGHT & PACKAGING

SIZE	WEIGHT	PACKAGING
4"	340 LBS.	7.9' L X 2.5' W X 1.9' H
6"	346 LBS.	7.9' L X 2.5' W X 1.9' H
8"	412 LBS.	8.5' L X 2.9' W X 2.1' H
10"	893 LBS.	11.1' L X 3.3' W X 2.4' H

INSTALLATION

INITIAL FILTER INSTALLATION

1. Remove the filter assembly from the wood platform.
2. Connect the filter assembly to the inlet line and outlet line.
3. Connect a drain pipe to the hydraulic flushing valve outlet opening (at least 2.48" plastic pipe or 2" metal pipe and no more than 16.4' long) Confirm that water runs freely out of the drainpipe.
4. Check that all connections are properly secured.
5. Check that all nuts and bolts on the filter periphery are properly tightened and secured.
6. Connect the batteries located in the control unit box as explained in "Initial Operation" (See Figure 3).

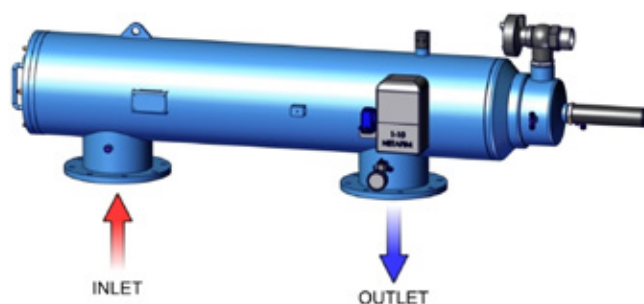


FIGURE 2

INITIAL OPERATION

1. Gradually open the inlet valve (make sure that the outlet valve, if installed, is open).
2. Check the filter assembly and its connections for leaks. Perform a flushing cycle manually by pushing the test button located on the outside of the control box (See Figure 3).
3. Verify that the hydraulic piston fully extends during backflush.
4. Verify that the hydraulic flushing valve closes after 10 seconds.
5. When the filter is clean, verify that the differential pressure between inlet and outlet does not exceed 1.48 psi.
6. Check that the differential pressure is set to 7 psi in the controller (see 'Controller' section).



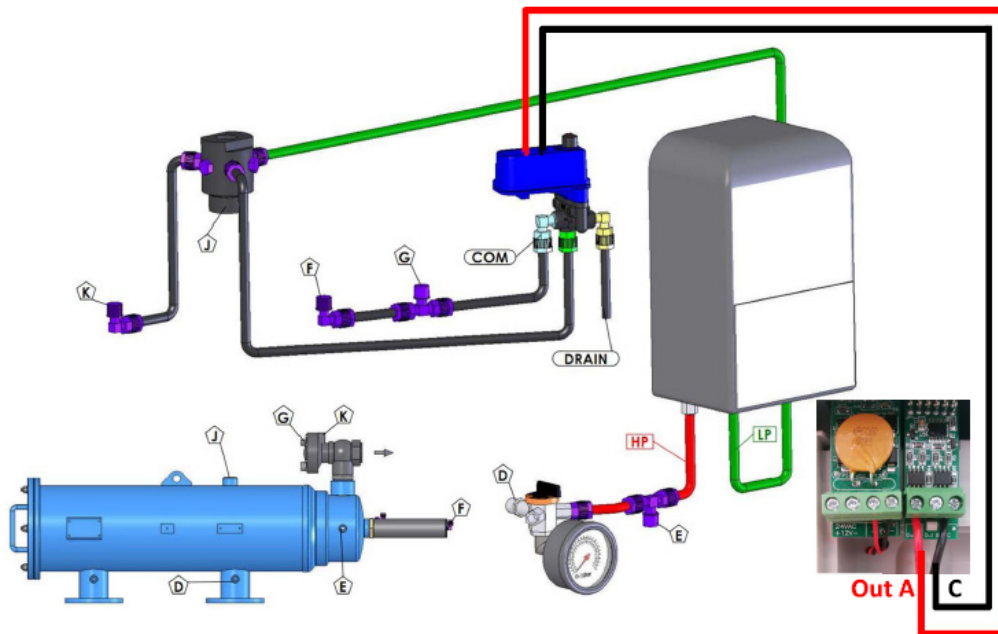
FIGURE 3

NETAFIM BACKFLUSH CONTROLLER

1. Refer to the Netafim Backflush Controller's installation and operation manual for installation instructions. This can be found on the Netafim USA website (www.netafimusa.com) in the Literature Download area. Also refer to the installation video located on the Netafim USA YouTube page (www.youtube.com/netafimusa)
2. The manual will provide information on setting the operation parameters, pressure differential settings, flush time and other required configurations.

INSTALLATION

BACKFLUSH CONTROLLER CONNECTIONS



MAINTENANCE

BATTERY REMOVAL & REPLACEMENT

The 4 x 1.5V battery enables the electronic control unit's operation. The battery can last for 3000 flushing cycles, but should be replaced every six months. Use **ONLY ALKALINE** type battery.

1. Remove the upper cover of the controller.
2. Disconnect and remove the used battery.
3. Connect a new battery according to the correct polarity. The controller will perform a long 'beep' sound.
4. Close the upper cover.
5. Perform a flushing cycle by disconnecting the low pressure tube from the differential pressure indicator (thereby closing the electrical circuit) - reconnect it immediately as flushing starts.
6. Verify that the hydraulic flushing valve closes after 10 seconds.
7. Perform an additional flushing cycle manually by pushing the manual button (M on the screen display). (See Figure 4)



FIGURE 4

WARNING

Take precautions while operating the filter as the filter may enter a flushing mode automatically, without prior warning.

MAINTENANCE

CONTROL CARD REMOVAL & REPLACEMENT (FIGURE 5)

1. Disconnect the controller from power (AC) or remove batteries (DC).
2. Remove upper and lower cover. If there are any outputs card connected to the controller disconnect them.
3. Unscrew 5 screws (Red Circles). Disconnect power wires (Both AC & DC model - Blue Square). Disconnect DP sensor, Pressure sensor and external DP (If exists - Yellow Square).
4. Turn on back and separate the back cover:
5. For DC model only - unscrew and remove step-up card.
6. Unscrew the main card - 4 screws (Red circles). Remove the card.
7. Place the new card and go backwards through the same steps as described above:
 - Fasten the 4 screws
 - Place the Step-up cards and fasten the screw (DC MODEL ONLY)
 - Join the two plastic parts (Front and back) and turn to front
 - Connect DP sensor, Pressure sensor and external DP (If exists - Yellow square)
 - Connect power cable (Blue Square)
 - Fasten the 5 screws (Red Circles)
 - Reconnect the output cards to the controller. Reconnect solenoids (If disconnected before)
 - Return the upper and lower cover
 - Connect to power

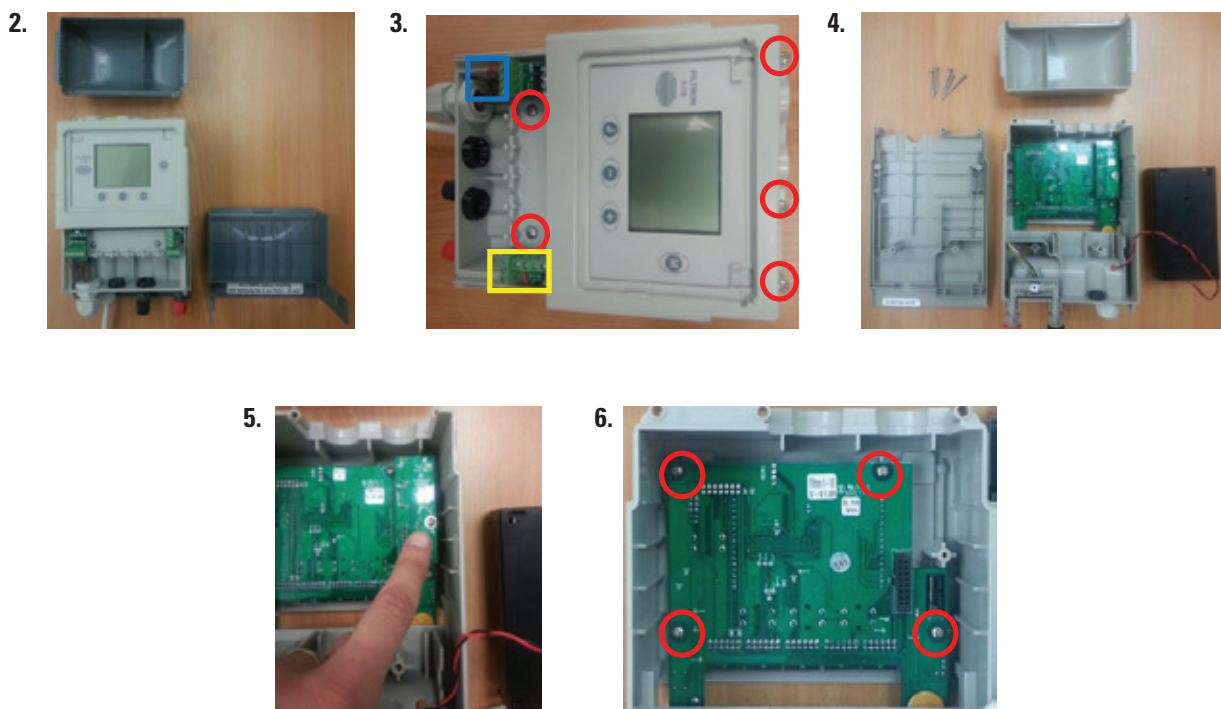


FIGURE 5

SOLENOID REMOVAL & REPLACEMENT (FIGURE 6)

The solenoid hydraulically controls the flushing valve's operation.

1. Remove the upper cover, disconnect and remove the (4) 1.5V batteries.
2. Disconnect the solenoid control tubes.
3. Remove the fittings from the damaged solenoid.
4. Disconnect the electrical wiring from the control card terminals.
5. Remove the nut from the solenoid lower section.
6. Pull the solenoid out of the control assembly.
7. Insert a new solenoid into the control assembly.
8. Reinstall the nut on the solenoid lower section.
9. Install the fittings on the ports of the new solenoid.
10. Connect the 2 wires of the solenoid (black wire to 'C' port, red wire to '1' port).
11. Connect the solenoid control tubes.
12. Connect the (4) 1.5V batteries according to the correct polarity and close the electronic control unit cover.
13. Perform a flushing cycle by disconnecting the low pressure tube from the differential pressure indicator (closing of the electrical circuit) - reconnect it immediately as flushing starts.
14. Verify that the hydraulic flushing valve closes after 10 seconds.
15. Perform an additional flushing cycle manually by pushing the manual button (M on the screen display). (See Figure 4).

WARNING

Take precautions while operating the filter as the filter may enter a flushing mode automatically, without prior warning.

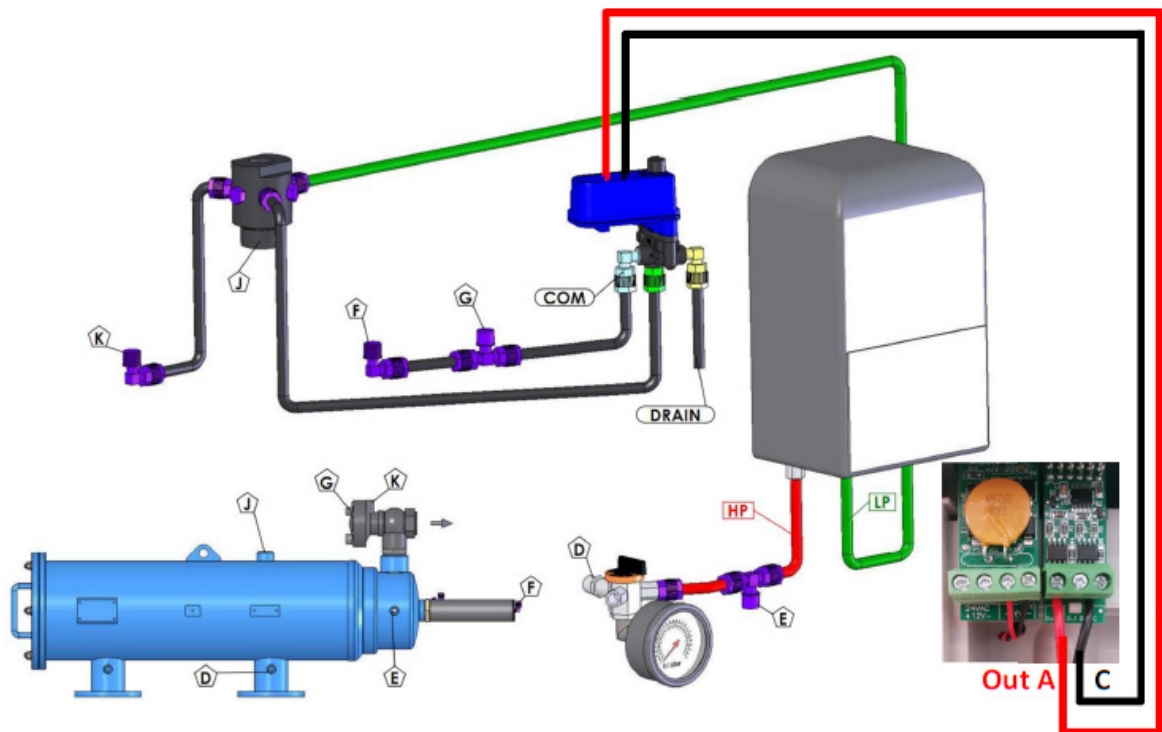


FIGURE 6

MAINTENANCE

HYDRAULIC PISTON ASSEMBLY REMOVAL & REPLACEMENT (FIGURE 7)

1. The hydraulic piston enables the linear movement of the dirt collector.
2. Close the inlet and the outlet line valves.
3. Verify that the filter is drained prior to service.
4. Disconnect the control tube from the piston assembly's upper section.
5. Screw the brass base out (clockwise) of the filter body and carefully remove the piston assembly.
6. Remove the O-ring from the current piston assembly.
7. Position the O-ring in the new piston assembly.
8. Lubricate the O-ring with silicon grease.
9. Carefully slide the new piston assembly into the filter housing.
10. Screw (counterclockwise) the brass base into the filter body and tighten it gently.
11. Connect the control tube to the piston assembly's upper section.
12. Open the inlet and the outlet line valves.
13. Check for leaks.
14. Push the piston indicator (on the rear side of the piston) inside.
15. Perform a flushing cycle manually by pushing the manual button (M on the screen display). (See Figure 4).
16. Verify that the piston travels its complete path and that the indicator pops up.
17. Verify that the hydraulic flushing valve closes after 10 seconds.

WARNING

Take precautions while operating the filter as the filter may enter a flushing mode automatically, without prior warning.

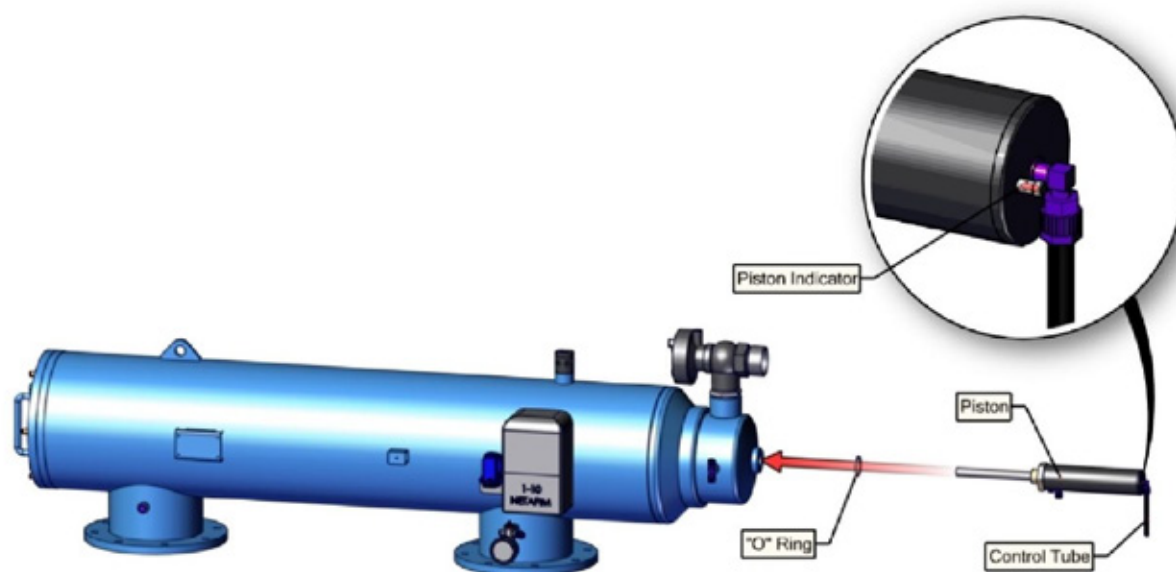


FIGURE 7

COARSE SCREEN REMOVAL & REPLACEMENT (FIGURE 8)

1. Close the inlet and the outlet line valves.
2. Verify that the filter is drained prior to service.
3. Remove the nuts and washers connecting the cover to the filter housing.
4. Remove the cover seal from the cover groove.
5. Pull out the damaged coarse screen out from the fine screen assembly using the gripping handle.
6. Slide the new coarse screen into the fine screen assembly using the gripping handle.
7. Verify that the straight side of the cover seal fits into the groove located in the cover.
8. Put the cover on its place on the filter's housing and install the nuts and washers connecting the cover to the filter housing.
9. Open the inlet and outlet line valves.
10. Check for leaks.
11. Perform a flushing cycle manually by pushing manual button (M on the screen display).
(See Figure 4)
12. Verify that the hydraulic flushing valve closes after 10 seconds.

WARNING

Take precautions while operating the filter as the filter may enter a flushing mode automatically, without prior warning.

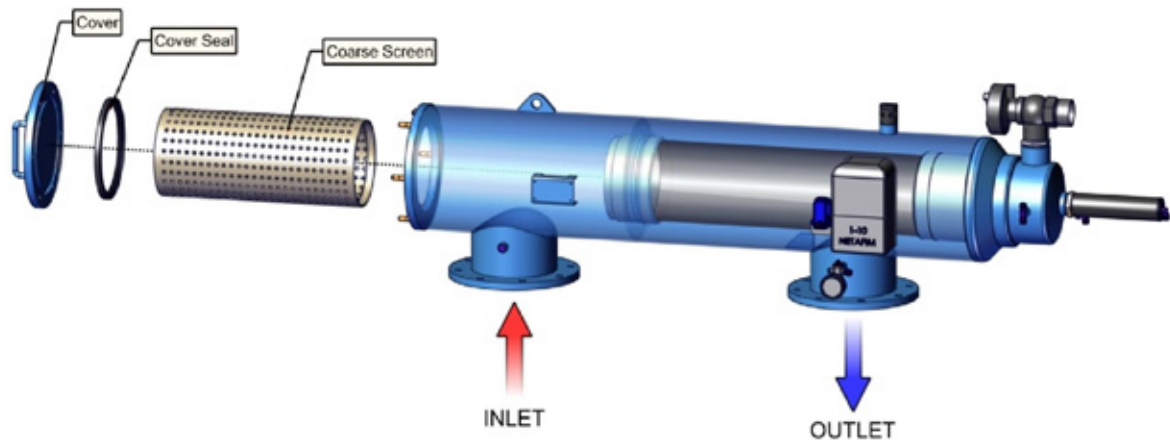


FIGURE 8

MAINTENANCE

FINE SCREEN ASSEMBLY REMOVAL & REPLACEMENT (FIGURE 9)

WARNING

Take precautions while operating the filter as the filter may enter a flushing mode automatically, without prior warning.

1. Close the inlet and the outlet line valves.
2. Verify that the filter is drained prior to service.
3. Remove the nuts and washers connecting the cover to the filter housing.
4. Remove the cover from the filter's housing and remove the cover seal from the cover groove.
5. Pull out the coarse screen from the fine screen assembly using the gripping handle.
6. Pull the fine screen assembly out of the filter housing assembly with the dirt collector.
7. Remove both O-rings (445) from the current fine screen assembly.
8. Unscrew (clockwise - cw) the hydraulic motor from the dirt collector.
9. Unscrew (counterclockwise - ccw) the fine screen handle section from the fine screen, loosen using screen wrenches.
10. Carefully pull the dirt collector out of the fine screen assembly.
11. Unscrew (ccw) the fine screen damaged sections and replaced them with new sections.
12. Slide the dirt collector into the fine screen, through the dirt collector bearing.
13. Position both O-rings (445) into the new fine screen assembly, if required replace them.
14. Lubricate the O-ring (445) with silicon grease.
15. Screw (cw) the fine screen handle section to upper screen section; make sure the dirt collector axis passes through the screen bearing.
16. Screw (ccw) the hydraulic motor to the dirt collector.
17. Slide the new fine screen assembly into the filter housing assembly.
18. Slide the coarse screen into the fine screen assembly.
19. Verify that the straight side of the cover seal fits into the groove located in the cover.
20. Put the cover on its place on the filter's housing and Install the nuts and washers connecting the cover to the filter housing.
21. Open the inlet and the outlet line valves.
22. Check for leaks.
23. Perform a flushing cycle manually by pushing the manual button (M on the screen display). (See Figure 4).
24. Verify that the hydraulic flushing valve closes after 10 seconds.

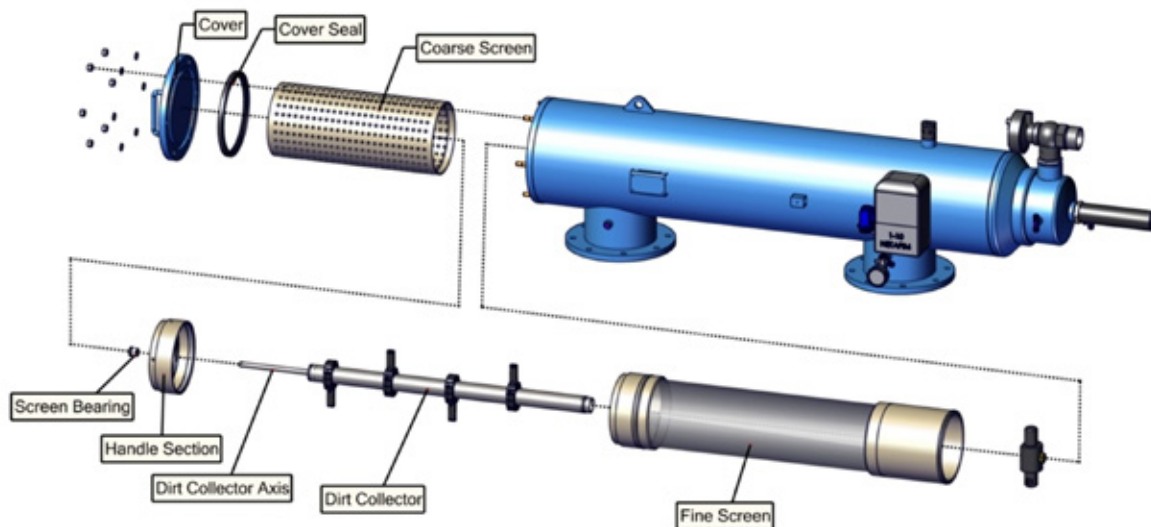


FIGURE 9

DIRT COLLECTOR REMOVAL & REPLACEMENT (FIGURE 10)

1. Close the inlet and the outlet line valves.
2. Verify that the filter is drained prior to service.
3. Remove the nuts and washers connecting the cover to the filter housing.
4. Remove the cover from the filter's housing and remove the cover seal from the cover groove.
5. Pull out the coarse screen from the fine screen assembly using the gripping handle.
6. Pull the fine screen assembly out of the filter housing assembly with the dirt collector.
7. Unscrew (clockwise - cw) the hydraulic motor from the dirt collector.
8. Unscrew (counterclockwise - ccw) the fine screen handle section from the fine screen, loosen using screen wrenches.
9. Carefully pull the dirt collector out of the fine screen assembly.
10. Slide the new dirt collector into the fine screen, through the dirt collector bearing.
11. Screw (cw) the fine screen handle section to upper screen section; make sure the dirt collector axis passes through the screen bearing. Tighten using screen wrenches.
12. Screw (ccw) the hydraulic motor to the dirt collector.
13. Slide the fine screen assembly into the filter housing assembly.
14. Slide the coarse screen into the fine screen assembly.
15. Verify that the straight side of the cover seal fits into the groove located in the cover.
16. Put the cover on its place on the filter's housing and Install the nuts and washers connecting the cover to the filter housing.
17. Open the inlet and the outlet line valves.
18. Check for leaks.
19. Perform a flushing cycle manually by pushing the manual button (M on the screen display). (See Figure 4).
20. Verify that the hydraulic flushing valve closes after 10 seconds.

WARNING

Take precautions while operating the filter as the filter may enter a flushing mode automatically, without prior warning.

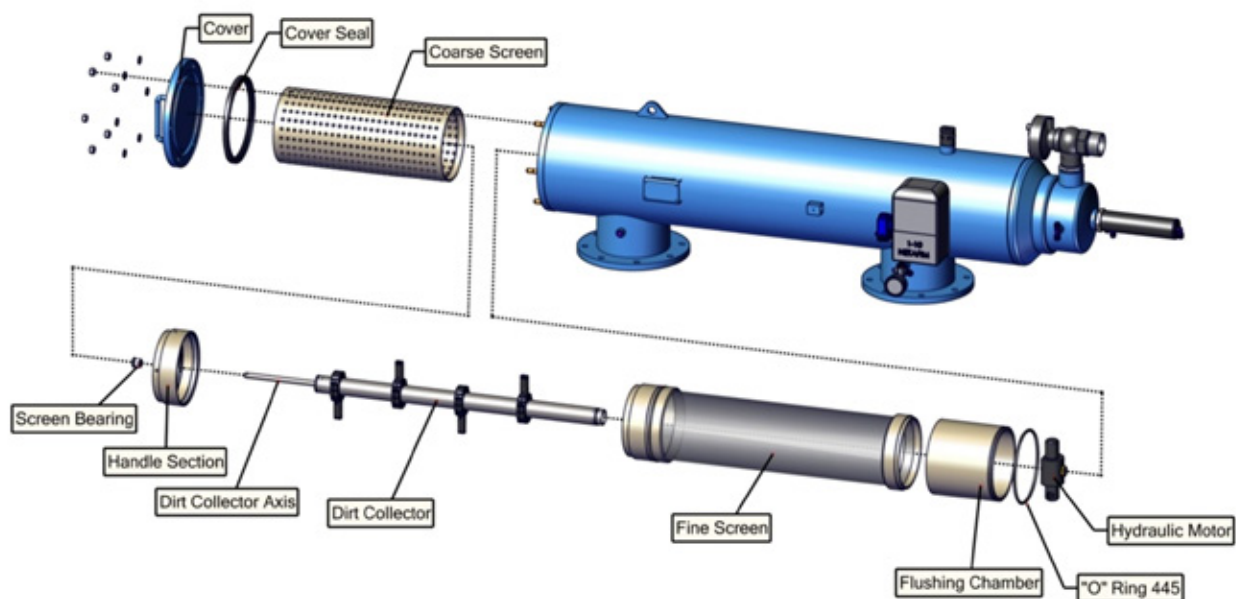


FIGURE 10

MAINTENANCE

PERIODIC CHECKS

Perform yearly or periodical checks at the beginning of the season, according to the following:

1. Replace the (4) 1.5V batteries at the beginning of every season or every six months; refer to 'Battery Removal & Replacement'.
2. Check the condition of the coarse screen. If damaged, replace according to 'Coarse Screen Removal & Replacement'.
3. Check the condition of the fine screen assembly. If damaged, replace according to 'Fine Screen Assembly Removal & Replacement'.
4. Check the condition of the dirt collector bearing and screen bearing. If any of the bearings have become misshaped, (oval), replace with a new one.
5. Check the mechanical condition of the hydraulic piston assembly. Verify piston's free movement. If damaged or deteriorated, replace according to 'Hydraulic Piston Assembly Removal & Replacement'.
6. Check the dirt collector suction nozzles height (see table). If damaged, replace according to 'Dirt Collector Removal & Replacement'.
7. Check the condition of the controller while operating with running water.
8. Check the filter housing for paint damage or corrosion. If required, clean the area with sandpaper and apply a thin layer of basic + epoxy paint.
9. Check for leaks.

NOZZLE HEIGHT

TYPE	HEIGHT
All Filters	2.99"

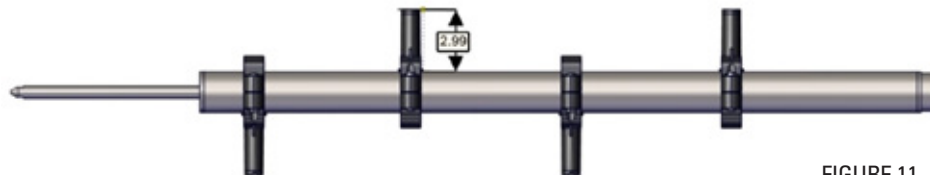


FIGURE 11

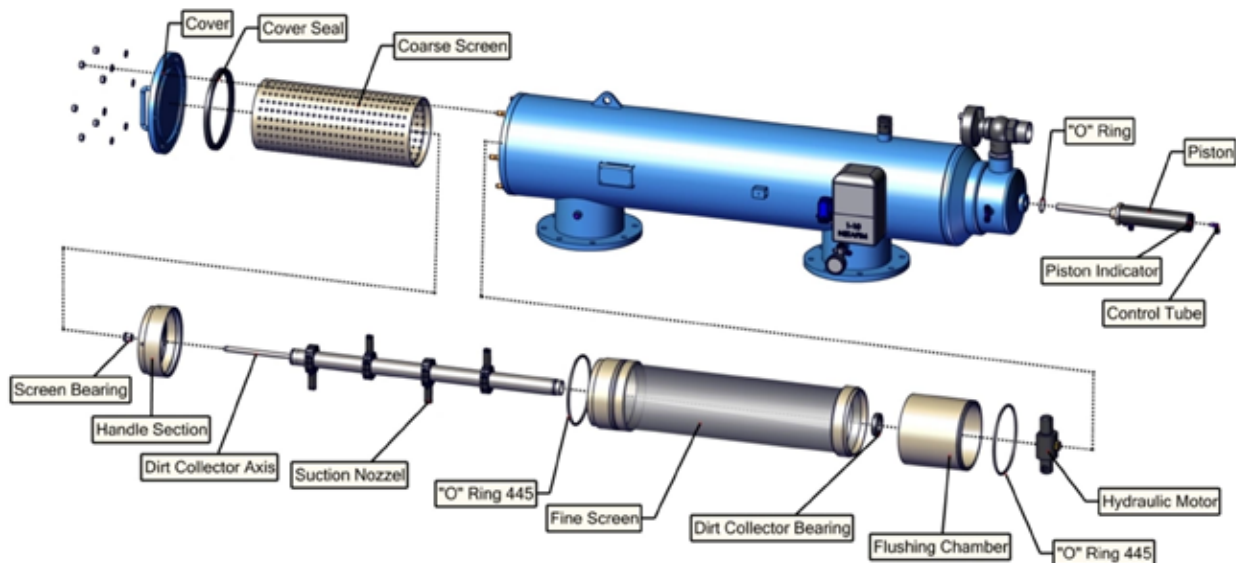


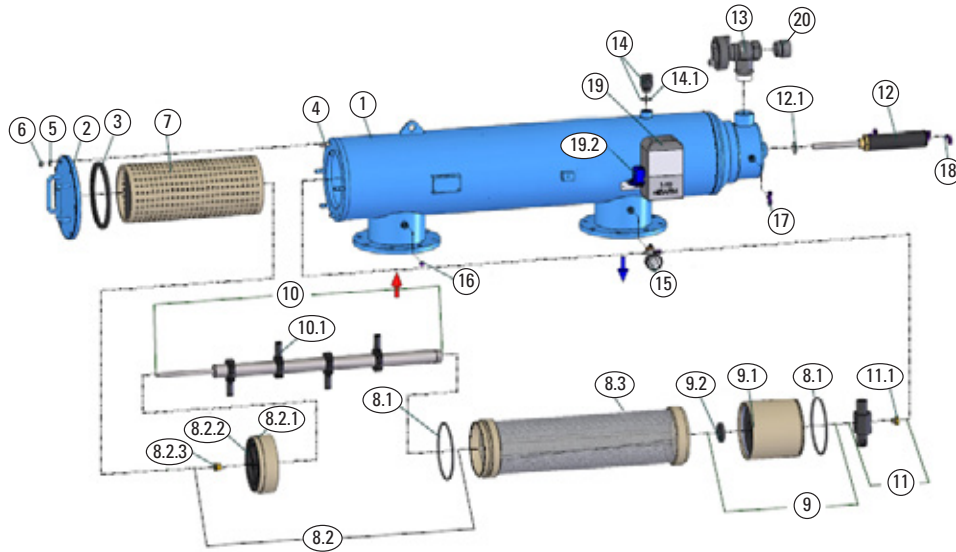
FIGURE 12

TROUBLESHOOTING

PROBLEM	CHECK	SYMPTOM	SOLUTIONS
Pressure difference between inlet and outlet - above 7 psi	Check the differential pressure indicator adjustment. Verify that the line pressure matches the filter's operational pressure. Perform an additional flushing cycle manually by pushing the test button located on the outside of the control box. (See Figure 3).	Flushing cycle doesn't start	Disconnect the control tube from the flushing valve's lower section. Perform a flushing cycle manually, by operating the handle located on the solenoid.
		Water doesn't come out of the control tube	Check the hydraulic flushing valve for obstruction and replace if required. If Control Water is present, the solenoid is faulty and should be replaced. If no Control Water is present, check the distributor unit or the control tube for obstructions.
		Water comes out of the control tube	Check the hydraulic flushing valve for obstruction and replace if required.
		Flushing cycle starts	Check battery condition. Replace bad batteries. If battery is okay, check the electrical connections on the control card and the solenoid electrical connection at the differential pressure indicator. If connections are not okay, connect properly. If connections are okay, short the differential pressure indicator wires on the control card. If the flushing cycle starts, replace the differential pressure indicator. If the flushing cycle doesn't start - See A.
A	Check solenoid operation by connecting the wires directly to the battery.	Solenoid doesn't click at all (not operating)	Replace the solenoid.
		Solenoid clicks and flushing cycle starts	Replace the control card.
		Solenoid clicks and flushing cycle does not start	Check inlet and outlet line pressures.
			Pressure reading above 15 psi - faulty solenoid.
			Pressure reading below 15 psi - the filter does not comply with the system operating requirements.
			Close the outlet valve and check that differential pressure between inlet and outlet of the filter is zero.
B	Disassemble the filter and check: 1. Dirt collector rotates freely 2. Upper bearing and screen bearing are not deformed (oval in shape)		Replace the defective part and/or release the jammed part. Reassemble the filter and operate the system.
			Filter found serviceable - the problem was not solved during a regular service check, call technician.

PROBLEM	CHECK	SYMPTOM	SOLUTIONS
Filter flushing cycle does not stop	Check condition of battery and solenoid by connecting the solenoid wires directly to the battery.	Flushing does not stop	If the distributor unit aperture clogged, clean it.
			If the distributor unit aperture is not clogged and the flushing valves do not flush, disconnect the control tube from the actuator's lower section and verify water pressure.
			If there is no water pressure - check the control tube for obstructions If there is water pressure - replace the mechanical actuator

REPLACEMENT PARTS



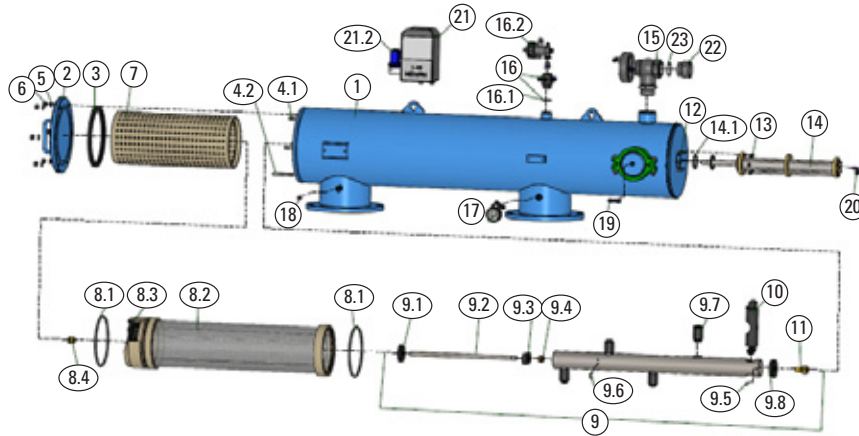
SCREENGUARD AUTOMATIC SCREEN FILTER PARTS

4", 6" and 8" Sizes

Key	Item Number	Model Number	Description
1	-	Not Sold Separately	Filter Body
2	-	Not Sold Separately	Filter Cover
3	72000-009590	79COVERORING	Cover O-Ring
4	72000-018400	27APBOLT	Stud 1/2" SS304
5	72000-008511	79WSHRM12SS304468	Washer M12 SS304
6	72000-008495	79ASFNUT12GALV468	Nut 1/2" Galvanized
7	72000-104500	79ASFCOARSESCR4	Coarse Screen for 4"
	72000-104520	79ASFCOARSESCR6	Coarse Screen for 6"
	72000-018498	27APCOARSCRN	Coarse Screen for 8"
8.1	72000-016940	79ASFSCRORING468	Screen O-Ring
8.2	72000-092050	79ASFUPRSCRADTR468	Upper Screen Adapter
8.2.1	-	79ASFUPRSCRADBD468	Upper Screen Adapter Body
8.2.2	72000-018530	79ASFSCRWHEEL468	Screen Wheel
8.2.3	72000-018510	79ASFDCOLLSCBRG468	Dirt Collector Screen Bearing
8.3	-	79ASFSCRONLY468***	Screen Only 4" to 8"
9	72000-000310	79ASFFLUSHCHAM468	Flushing Chamber
9.1	-	79BDFLUSHCHAM468	Flushing Chamber Body
9.2	72000-000320	79ASFDCOLLBRNG468	Dirt Collector Bearing
10	72000-018561	79ASFDCOLL468	Dirt Collector Assembly
10.1	72000-018300	79ASFSCCTNOZSADL468	Suction Nozzle Saddle
11	72000-018960	79ASFHYDMOTOR468	Hydraulic Motor
11.1	72000-018582	79ASFHDCOLLBRNG468	Head Collector Bearing
12	72000-018900	79ASFHYDPISTON468	Hydraulic Piston
12.1	72000-016960	79ASFHYDPSTORNG468	Hydraulic Piston O-Ring
13	72000-015520	79ASFBACKFLUSHVLV	Backflush Valve Galit
-	-	61GALIL2RKIT	Repair Kit for Backflush Valve
14	72000-018850	79ASFSHORTDIST468	Short Distributor
14.1	72000-016905	79ORNGSHORTDIST468	Short Distributor O-Ring
15	72000-017350	79ASFPRESSGAUGE	Pressure Gauge Set
16	72000-008545	79ASFPLG46810	Plug 1/4" Plastic
17	72000-019240	79ASFBRANCHT14468	Male Branch Tee 1/4"
18	72000-019250	79ASFMALEE118468	Male Elbow 1/8"
19	00105-006250	31NBCDCL2	Netafim Backflush Controller DCL
19.2	35500-002020	61AQTVDC1	Aquatic DCL with 1 Bracket
20	-	79ASF2BSPNPTADTR	BSP to NPT Adapter Coupling 2"

NOTE: Substitute *** with desired mesh.

REPLACEMENT PARTS



SCRENGUARD AUTOMATIC SCREEN FILTER PARTS

10" Size

Key	Item Number	Model Number	Description
1	-	Not Sold Separately	Filter Body
2	-	Not Sold Separately	Filter Cover
3	72000-009595	79COVERORING10	Cover O-Ring
4.1	72000-018398	79STUD3473SS30410	Stud 3/4" NC 73 SS304
4.2	72000-018396	79STUD34130SS30410	Stud 3/4" NC130 SS304
5	72000-008509	79WSHRM20SS30410	Washer M20 SS304
6	72000-008501	79ASFNUT34GALV10	Nut 3/4" Galvanized
7	72000-105000	79ASFCOARSESCR10	Coarse Screen for 10"
8.1	72000-016945	79SCGASKET10	Service Cover Gasket
8.2	-	79ASFSCRONLY10-***	Coarse Screen 10"
8.3	72000-018520	79ASFSCRWHEEL10	Screen Wheel
8.4	72000-018567	79ASFDCOLLSRBRG10	Dirt Collector Screen Bearing
9	72000-027987	79ASFDCOLL10	Dirt Collector Assembly
9.1	72000-010582	79ASFDCOLLUPRPLG10	Dirt Collector Upper Plug
9.2	72000-018593	79ASFDCOLLSHFT10	Dirt Collector Shaft
9.3	72000-017414	79ASFDCOLLMIDLPLG10	Dirt Collector Middle Plug
9.4	72000-018584	79ASFDCOLLSHFTNT10	Dirt Collector Shaft Tightening Nut
9.5	72000-008558	79ATCHSCRW34FLT10	Flat Head Screw SS304
9.6	72000-008557	79ATCHSCRW34OVL10	Oval Head Screw SS304
9.7	72000-018329	79ASFSCCTNOZ10	Suction Nozzle
9.8	72000-107053	79ASFDCOLLPLUGLWR	Dirt Collector Lower Plug
10	72000-018924	79ASFHYDMOTOR10	Hydraulic Motor
11	72000-018595	79ASFDCOLLDHBRNG10	Dirt Collector Head Bearing
12	72000-018402	79STUD51629SS30410	Stud 5/16" SS304
13	72000-008502	79NUT516NCBRSS10	Nut 5/16" Brass
14	72000-018350	79ASFHYDPISTON10	Hydraulic Piston
14.1	72000-016965	79ASFHYDPSTORNG10	Hydraulic Piston O-Ring
15	72000-015520	79ASFBACKFLUSHVLV	Backflush Valve Galit
-	-	61GALIL2RKIT	Repair Kit for Backflush Valve
16	72000-090250	79ASFDOUBLEDIST10	Double Distributor
16.1	72000-016905	79ASFACCORING10	Accelerator Pilot O-Ring
16.2	72000-007040	61PIL25300	Pilot 25300
17	72000-017350	79ASFPPRESSGAUGE	Pressure Gauge Set
18	72000-008545	79ASFPLG46810	Plug 1/4" Plastic
19	72000-019240	79ASFBRANCHT14468	Male Branch Tee 1/4"
20	72000-019250	79ASFMALEELL18468	Male Elbow 1/8"
21	00105-006250	31NBCDCL2	Netafim Backflush Controller DCL
21.2	35500-002020	61AQTVDC1	Aquative DCL with 1 Bracket
22	-	79ASF2BSPNPTADTR	BSP to NPT Adapter Coupling 2"
23	-	79ASF2BSPNPTADORNG	O-Ring, BSP to NPT Adapter Coupling 2"

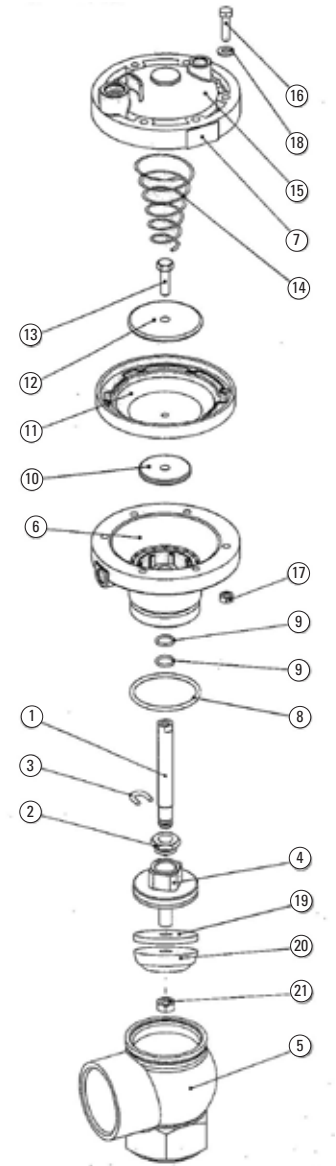
NOTE: Substitute *** with desired mesh.

REPLACEMENT PARTS

SCREENGUARD BACKFLUSH VALVE PARTS

Key	Item Number	Model Number	Description
-	-	61GALIL2RKIT	Actuator Assy (All Internal Components)
1	-	-	Shaft
2	71680-017150	-	Sealing Coupling Nut
3	71680-017160	-	U-Lock
4	71680-015620	61GALILSDRF2	Seal Disc
5	-	-	Body
6	-	-	Operator Body
7	-	-	ID Plate
8	71680-014350	61FG2980R	O-Ring #2-227, Buna-N-Rubber
9	-	-	O-Ring, #6-075, Buna-N Rubber
10	-	-	Small Disc
11	71680-007430	61DIA298	Diaphragm
12	-	-	Large Disc
13	-	-	Large Disc Bolt
14	71680-008000	61SP2	Diaphragm Spring
15	71680-007850	61GALILBON2	Bonnet
16	-	-	Bonnet Bolt
17	-	-	Bonnet Bolt Nut
18	-	-	Washer
19	71680-003200	61FG2RS	Seal
20	71680-017050	61GALILCONERF2	Cone
21	71680-017070	61GALILLNRF2	Nut

NOTE: Parts with Item Number and/or Model Number listed are stock and available for purchase. All other parts are for identification purposes only.



NETAFIM USA
 5470 E. Home Ave.
 Fresno, CA 93727
 CS 888 638 2346
www.netafimusa.com