

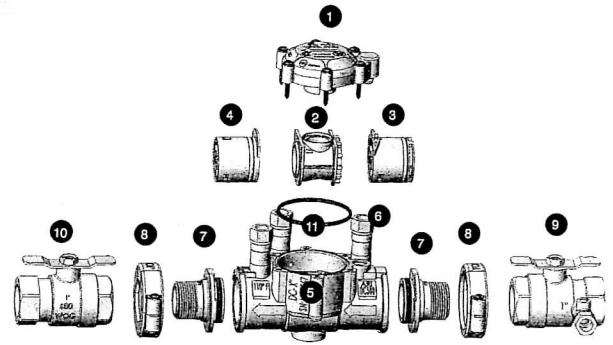
Maintenance Instructions ARI DC-500 3/4" – 2"

How to Disassemble the DC-500

Close the Outlet Shut-off Valve, and then close Inlet Shut-off Valve.
Release pressure from the assembly by opening Test Cocks 2, 3 and 4.

1. Use a Phillips-head screwdriver to remove the cover screws and lift off the cover.
2. Remove the Retainer.
3. Remove the Inlet and Outlet Check Valves.

NOTE: Clean all the parts that have been removed. Then reassemble, or depending on their condition, discard and replace with new replacement parts. O-rings should be cleaned or replaced as necessary and lightly greased with NSF 61-approved grease.



How to Assemble the DC-500

1. Securely install the Inlet and Outlet Check Valves.
2. Install the Retainer.
3. Put on the cover, hold it down and tighten the screws.

CAUTION:

DC-500 1/2", 3/4", 1" -

Secure the screws with a recommended torque of 1.84 pound force feet (2.5 Nm).

DC-500 1 1/4", 1 1/2", 2" -

Secure the screws with a recommended torque of 6.64 pound force feet (9 Nm).

No. Part

1. Cover
2. Retainer
3. Inlet Check Valve Assembly
4. Outlet Check Valve Assembly
5. Body
6. Test Cocks (#1, #2, #3, #4)
7. Adaptor Insert
8. Clamp Assembly
9. Inlet Shut Off Valve
10. Outlet Shut Off Valve
11. Body seal

Maintenance Instructions ARI RP-500 1/2" – 2"

How to Disassemble the RP-500

1. Close the Outlet Shut-off Valve (13), then close Inlet Shut-off Valve (12).
2. Release pressure from the assembly by opening Test Cocks 2, 3 and 4 (9).

CAUTION: The cover is spring-loaded and should be removed carefully to avoid personal injury.

3. Use a Phillips-head screwdriver to remove the Relief Valve cover screws (2) while holding the cover (1) down.
4. Lift the cover (1) straight up.
5. Remove the Relief Valve assembly (3).
6. Remove the Relief Valve Spring (4).
7. Remove the Retainer (5).
8. Remove the Inlet and Outlet Check Valves (6) (7).

NOTE: Clean all the parts that have been removed. Then reassemble, or depending on their condition, discard and replace with new replacement parts. O-rings should be cleaned or replaced as necessary and lightly greased with NSF 61-approved grease.

How to Assemble the RP-500

1. Securely install the Inlet and Outlet Check Valves (6) (7).
2. Install the Retainer (5).
3. Place the Relief Valve Spring (4) in position.
4. Install the Relief Valve assembly (3).
5. Put on the cover (1), hold it down and tighten the screws (2).

CAUTION:

The bolts have to be secured with a recommended torque of:
1.84 pound force feet (2.5 Nm) for models 1/2", 3/4", 1"
6.64 pound force feet (9 Nm) for models 1 1/2", 1 1/4", 2"

No. Part

1. Cover
2. Cover Screws
3. Relief Valve Assembly
4. Relief Valve Spring
5. Retainer
6. Inlet Check Valve Assembly
7. Outlet Check Valve Assembly
8. Body
9. Test Cocks (#1, #2, #3, #4)
10. Clamp Assembly
11. Adaptor Insert
12. Inlet Shut Off Valve
13. Outlet Shut Off Valve
14. Drainage Funnel

