

Guardian Pro/Guardian Ultra/Guardian Elite

Please kindly click link below of maintenance video for your machine faults before you ship the unit back to us. As some simple faults can be easily solved by yourself.

Guardian Pro Maintenance Video:

A2:Installing G3 filter

<https://youtu.be/poUWcjWuJno?list=PLblzkv3HhX7Ryyg7r1WUllRrtju74D7tD>

A5:Changing the wheels

<https://youtu.be/cP5LP2RPFxc?list=PLblzkv3HhX7Ryyg7r1WUllRrtju74D7tD>

A6:Changing the Water Pump

<https://youtu.be/n3CAREKcjuE?list=PLblzkv3HhX7Ryyg7r1WUllRrtju74D7tD>

A7:Changing the humidity sensor

<https://youtu.be/-cvZc8vh84U?list=PLblzkv3HhX7Ryyg7r1WUllRrtju74D7tD>

A8:Changing the display board

<https://youtu.be/ElnaFvDtmcU?list=PLblzkv3HhX7Ryyg7r1WUllRrtju74D7tD>

A9: Change the motor& fan

<https://youtu.be/jQO3405xekY?list=PLblzkv3HhX7Ryyg7r1WUllRrtju74D7tD>

A11:Changing the main control board

<https://youtu.be/RfWmLbxObbo?list=PLblzkv3HhX7Ryyg7r1WUllRrtju74D7tD>

B2: How to ducting

<https://youtu.be/oaLAZN7jcQ?list=PLblzkv3HhX7Ryyg7r1WUllRrtju74D7tD>

Guardian Ultra Maintenance Video:

A1:Install G3 filter

<https://youtu.be/3jSMn9YOKpo?list=PLblzkv3HhX7T1oVlyRFoZrivelwXzUccp>

A5:Changing the wheels

<https://youtu.be/Z6Ddnk-cWHQ?list=PLblzkv3HhX7T1oVlyRFoZrivelwXzUccp>

A6:Change the Water Pump

<https://youtu.be/LUzO9Yxq0ww?list=PLblzkv3HhX7T1oVlyRFoZrivelwXzUccp>

A7:Changing the humidity sensor

<https://youtu.be/uPVENqcqMgs?list=PLblzkv3HhX7T1oVlyRFoZrivelwXzUccp>

A8:Changing the display board

https://youtu.be/gxql_36hVil?list=PLblzkv3HhX7T1oVlyRFoZrivelwXzUccp

B2: How to ducting

<https://youtu.be/zo-9HvR-Cw8?list=PLblzkv3HhX7T1oVlyRFoZrivelwXzUccp>

Guardian Elite Maintenance Video:

A1:Install G3 filter

<https://youtu.be/l6lf7swDdNU?list=PLblzkv3HhX7SAsUuM0SpE3gJXjs5-TKlz>

A5:Changing the wheels

<https://youtu.be/MpPbGuiHvBw?list=PLblzkv3HhX7SAsUuM0SpE3gJXjs5-TKlz>

A6:Change the Water Pump

<https://youtu.be/7DSl2h-pwXk?list=PLblzkv3HhX7SAsUuM0SpE3gJXjs5-TKlz>

A7:Changing the humidity sensor

<https://youtu.be/ma2s6QtO1bw?list=PLblzkv3HhX7SAsUuM0SpE3gJXjs5-TKlz>

A8:Changing the display board

<https://youtu.be/G02eBJYiMw8?list=PLblzkv3HhX7SAsUuM0SpE3gJXjs5-TKlz>

A9: Replacing the motor& fan

<https://youtu.be/QFrVqEfLeXA?list=PLblzkv3HhX7SAsUuM0SpE3gJXjs5-TKlz>

A11:Changing the main control board

<https://youtu.be/sAAudTg7V3U?list=PLblzkv3HhX7SAsUuM0SpE3gJXjs5-TKlz>

Water Pump Maintenance

The pump is designed with quick connection construction. If service is required, condensate tube, float switch connections, and the main power cord to pump can easily be disconnected. The pump can be removed from reservoir by using a flat screwdriver to

gently pry pump assembly from reservoir.

AlorAir Guardian dehumidifier is equipped with an integral condensate pump designed to pump condensate from your dehumidifier out to the desired drain. This pump requires routine maintenance that is not covered by your 1 year parts warranty. Only a defective pump will be repaired or replaced during the warranty period.

Preventative Maintenance

As with all pumps, preventative maintenance is necessary to prevent issues from dirt and slime that may accumulate in the drain system – including the drain pan, hose to the condensate pump, pump reservoir, pump head and float assembly, and discharge tubing.

✂ At least once per year, clean pump system

Basic-

1. Press the pump button (P) to drain water from reservoir.
2. Disconnect power to dehumidifier.
3. Mix a 16 oz solution of either 1 oz bleach to 15 oz water or 4 oz white vinegar to 12 oz water. Pour into the drain tray at the base of the coils.

Note: If you get any cleaning solution on the coils, flush with water.

4. Allow to soak for 15 minutes.
5. Reconnect power to dehumidifier.
6. Fill reservoir and flush/cycle pump at least two times with clean water.
7. Repeat if needed or refer to Advanced instructions.

Advanced-

1. a. Use manual pump button “P”, to drain water from reservoir.
 - b. Unplug the dehumidifier and open cover to access pump.
 - c. Pump head can be removed from reservoir by pressing on tabs.
 - d. A wet-dry vacuum or towels can be used to remove remaining water from reservoir.
2. Fill pump reservoir with a diluted cleaning solution (15 oz water to 1 oz bleach or 12 oz water to 4 oz white vinegar).
3. Reassemble pump and use manual pump button to flush mixture through discharge tubing.
4. Pour same diluted mixture slowly into drain pan under evaporator coil and allow it to clean hose from pan to pump. This process can be stopped when the pump energizes 1 time.

Note: If you get any bleach/water mixture on coils, flush with water.

5. Pour sufficient clean water through drain pan to force pump to activate twice.
6. Reassemble unit and return it to operational status.

Coil-

If necessary, clean your coils with a vacuum or approved coil cleaner

✧Troubleshooting✧

Trouble	cause	Solution
Machine Won't Work/ Display is Blank	Display Blank. Power outage or poor connection	Check Power Supply Check both ends of power cord for good connection
	Room temperature outside unit operating range. HI or LO Error	Modify room conditions in between 33 and 100F.
Cannot start the dehumidifier	Filter mesh is clogged	Clean the filter
	Air inlet or outlet jammed	Clear the blockage from air inlet or air outlet
No Airflow	Filter mesh jammed	Clean the filter
	Unit is not level	Place unit on flat surface in vertical orientation
Loud/Unusual Noise	Pump dislodged	Reassemble pump as necessary
Trouble code:E1	Humidity Sensor or communication error	Check sensor cable is properly connected. Replace the Sensor
Trouble code:E3	Temp Sensor or communication error.	Check sensor cable is properly connected. Replace the Sensor
Trouble code: E4	Pump detected high water in reservoir (See Notes Below)	Check for clogged drain lines Check pump working properly Service Pump、 Replace Pump
Trouble code: L0	Unit is sensing room temperature below 33F.	Increase room temperature Check Sensor Check Sensor Cable
Trouble code: HI	Unit is sensing room temperature above 100F	Decrease Room Temp Check Sensor Check Sensor Cable
Trouble code: E1,L0,HI	Shows E1, L0,HI at the same time indicated a bad connection, cable or sensor	Check Cable connection Replace Cable Replace Sensor