

Sentinel HD90

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.

Sentinel HD90 Maintenance Video:

A1: Install G3 filter

https://youtu.be/e9z_REJf2x0?list=PLblzkv3HhX7RvN3T9wR11QQvgVuOzA0D3

A3: Change the front cover

<https://youtu.be/oDIJHXGueSE?list=PLblzkv3HhX7RvN3T9wR11QQvgVuOzA0D3>

A7: Changing the humidity sensor

<https://youtu.be/KEicT0NQxio?list=PLblzkv3HhX7RvN3T9wR11QQvgVuOzA0D3>

A8: Changing the display board

https://youtu.be/3kXkGxZmX_g?list=PLblzkv3HhX7RvN3T9wR11QQvgVuOzA0D3

A9: Replacing the motor & fan

https://youtu.be/oGQfm_ap78s?list=PLblzkv3HhX7RvN3T9wR11QQvgVuOzA0D3

A11: Changing the main control board

<https://youtu.be/cw0pXBidfJE?list=PLblzkv3HhX7RvN3T9wR11QQvgVuOzA0D3>

B2: How to duct

<https://youtu.be/dihUP-Y4o7A?list=PLblzkv3HhX7RvN3T9wR11QQvgVuOzA0D3>

B4: How to use remote controller

<https://youtu.be/tsVXjva9Gpc?list=PLblzkv3HhX7RvN3T9wR11QQvgVuOzA0D3>

✧Troubleshooting✧

Symptom	Cause	Solution
Machine Won't Run	Power Supply	Verify that there is power to the outlet and that the plug is properly installed in outlet
	Room Temperature Over 105° F (Display HI) or Below 33° F (Display LO)	The unit is outside the operating temperature range. Modify the room conditions so the temperature is between 33° F to 105° F and operation will commence.
Low Air Flow	Air Filter is Clogged	Clean the filter mesh according to instructions listed in manual
	Air Inlet or Outlet is Blocked	Clear the blockage from inlet or outlet
Loud Noise	Machine Is Not Level	Move the dehumidifier to flat, firm ground
	Filter Mesh is Blocked	Clean the filter mesh according to instructions listed in manual
Trouble Code: E1	E1=Humidity Sensor Issues	Check to ensure that wire is connected at both ends. If no issues are visible, the sensor may be faulty.
Trouble Code: HI or LO	Room Temperature Over 105° F or Below 33° F (Display LO)	The unit is outside the operating temperature range. Modify the room conditions so the temperature is between 33° F to 105° F and operation will commence. If room is not out of temperature range, replace faulty sensor.