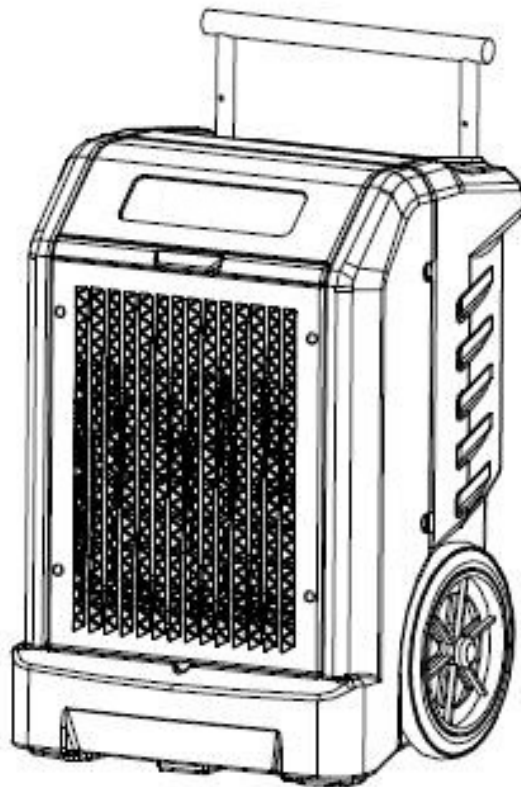




# INSTRUCTION MANUAL



**REVOLT  
LGR 5000**

Please keep this manual for further reference!

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# CAUTIONS

1. Unplug the power supply before cleaning or storing the machine.
2. Never immerse the machine into water or other liquids.
3. Do not put the machine close to heat-generating devices, including flammable or dangerous materials.
4. Do not put fingers or other items into air inlet or air outlet.
5. Do not sit, stand or put heavy objects on the machine.
6. Never operate the machine when the power cord or plug is damaged. This may cause damage or injury. Please contact your local distributor for service issues.
7. This appliance should only be used by adults who have read the manual and understand the operating procedure of the unit.
8. The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction by an adult.
9. Install the machine on flat surface to minimize vibration and or noise.
10. Never insert any other objects into the machine body.
11. If the supply cord is damaged, it must be replaced by the distributor or qualified electrician.



**Never repair or remove plug and or power cord. Any repairs should be completed by qualified electrician or distributor.**

# SPECIFICATIONS

<b>DEHUMIDIFIER</b>	
Model No.: OL-R230SP	
Voltage & Hertz	AC115V / 60Hz
Power Consumption& Current	945W/8.3A @80°F, 60% RH 1140W/10.6A @86°F, 80% RH
Refrigerant Charge	R410A/26.8oz (760g)
Dehumidify Capacity	130Pints/Day @80°F, 60% RH 200Pints/Day @86°F, 80% RH
Maximum Design Pressure	High Side: 522psig (3.6MPa) Low Side: 240psig (1.65MPa)
BCSC	15A
Compressor Input	RLA: 9.1A LRA:50.5A
Fan Motor Power	0.187HP
Date Code	
	

# FEATURES

**Movable, Easy for Storage:** The unit is equipped with durable rubber wheels and can be stacked for storing.

**Wide Operating Temperature Range:** The machines operating range is 33°F to 100 °F.

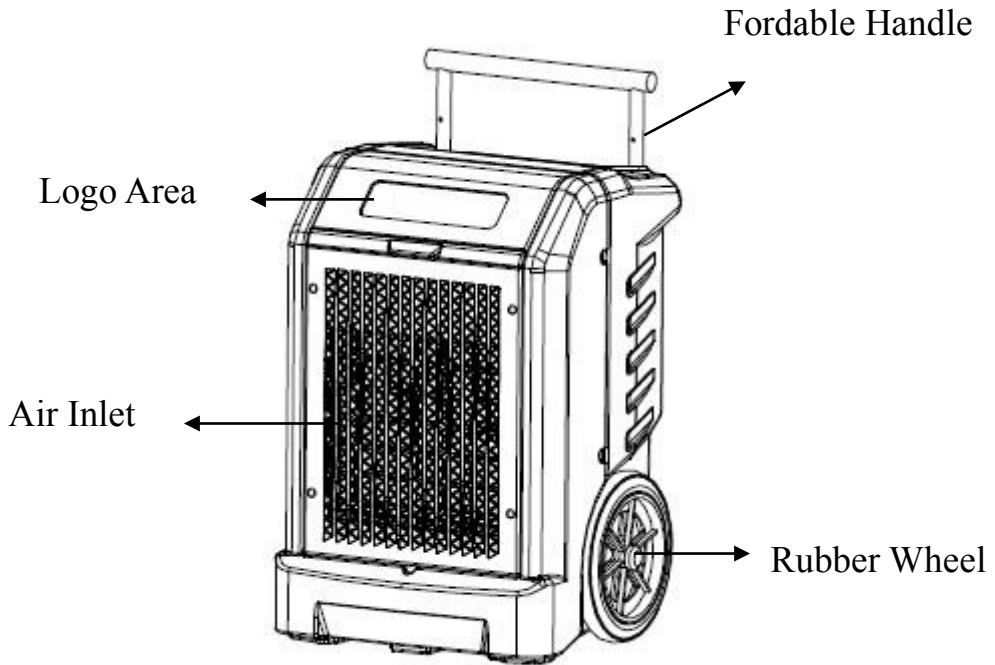
**Timer:** The unit can be programmed to operate on a timer.

**Energy-saving Design:** Low power consumption design.

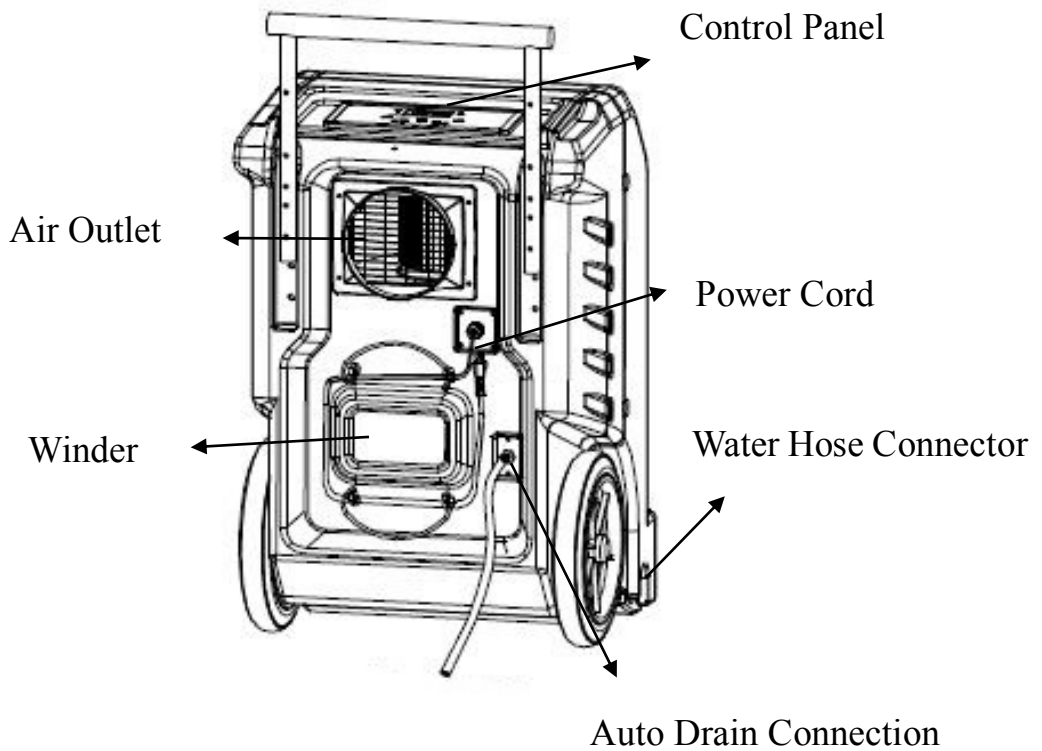
**Auto Drainage and Manual Drainage.** Unit is equipped with a built-in pump for pumping condensate or optional manual drain.

# DRAWINGS

## Front



## Back



# OPERATION



**Power Button:** When the machine is in the standby mode, the display screen will be displayed in low light LED. To

start the dehumidifier, press the power button. Concurrently, the display screen will light up and the unit will run in continuous dehumidify mode. Press the power button again to turn off the machine, and the fan will shut down 1 minute later.



**Timer Button:** Press and hold the timer button for 3 seconds to increase the timer setting hour by hour, and users

can decrease the timer setting by pressing the purge button. When the machine is in the standby mode, press the timer button to set the start-up time; when the machine is running, press it to set the shutdown time. The timing setting range is from 0 to 24 hours.



**Purge Button (Manual Drainage):** Press and hold the purget button for 3 seconds, the machine will drain the

water automatically by the built-in pump. After 30 seconds, the pump

stops draining, then the indicator turns off.



**Defrosting Indicator:** When the machine is defrosting, this indicator turns on. After defrosting, it turns off.



**Water Full Indicator:** When the water pump is full of water the indicator light turns on to remind the user to drain the water.



**Display Screen:** The default temperature display is Celsius temperature. When the machine is in standby mode, press the power

button for 5 seconds to switch to Fahrenheit temperature. When the machine is running, it shows the temperature and humidity of the inlet air and outlet air. It displays the running time when it is in running mode; and displays the setting timing when users set time.

**Memory Function:** If there is a power outage or the unit shuts off it will auto restart to its original settings once power is restored. It will also continue dehumidifying after restarting from the standby mode.

# AUTO DRAINAGE AND MAINTENANCE



Please disconnect the power supply before cleaning or conducting maintenance.

**Auto Drainage:** Connect one side of a 3/4" water hose to the auto drainage connection hole located at the bottom side of the unit. Run hose out to drain unit.

**Cleaning:** Clean the unit body with a soft damp cloth. Do not submerge or place water on the unit or control panel. Water may damage the electronic components of the unit. Do not use chemical solvent such as benzene, alcohol, gasoline or other heavy-duty cleaner. The surface may become damaged or deformed.

## **Cleaning the Air Filter:**

Step 1: Pull out the air filter gently.

Step 2: Use a vacuum cleaner to remove the dirt on the surface of the air filter. If the air filter is exceptionally dirty, immerse it gently into warm water (about 40°C) with a neutral detergent, rinse and dry it thoroughly.

Step 3: Insert the filter back into the unit.

## **Dehumidifier Storage:**

1. Push the purge button to empty the water before transportation or storage.



2. Transport and store the machine upright.
3. Stack machines in warehouse to save space.

## TROUBLE SHOOTING GUIDE

Trouble	Possible Cause	Solution
Error Code: E1	Copper head sensor breakdown	Replace it
Error Code: E2	Air inlet temperature and humidity sensor breakdown	Replace it
Error Code: E3	Air outlet temperature and humidity sensor breakdown	Replace it
Error Code: E4	Water pump failure	Replace it
Error Code: E5	4-way valve failure	Replace it

### Cautions:

**If unit malfunctions turn off the unit and unplug it immediately. Please contact your distributor for service issues.**



Do not dispose of electrical appliances in local landfills, or municipal waste locations. Many parts are recyclable.



Contact your local government for information regarding the collection systems available in your area.