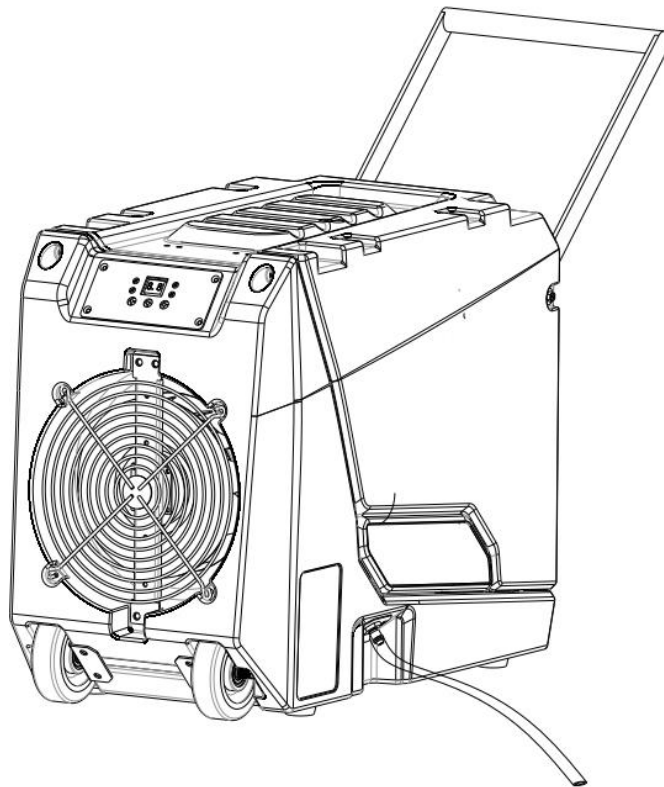




# OPERATION & INSTRUCTION MANUAL



**Rebel 180**  
**Crawl Space Dehumidifier**

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.**

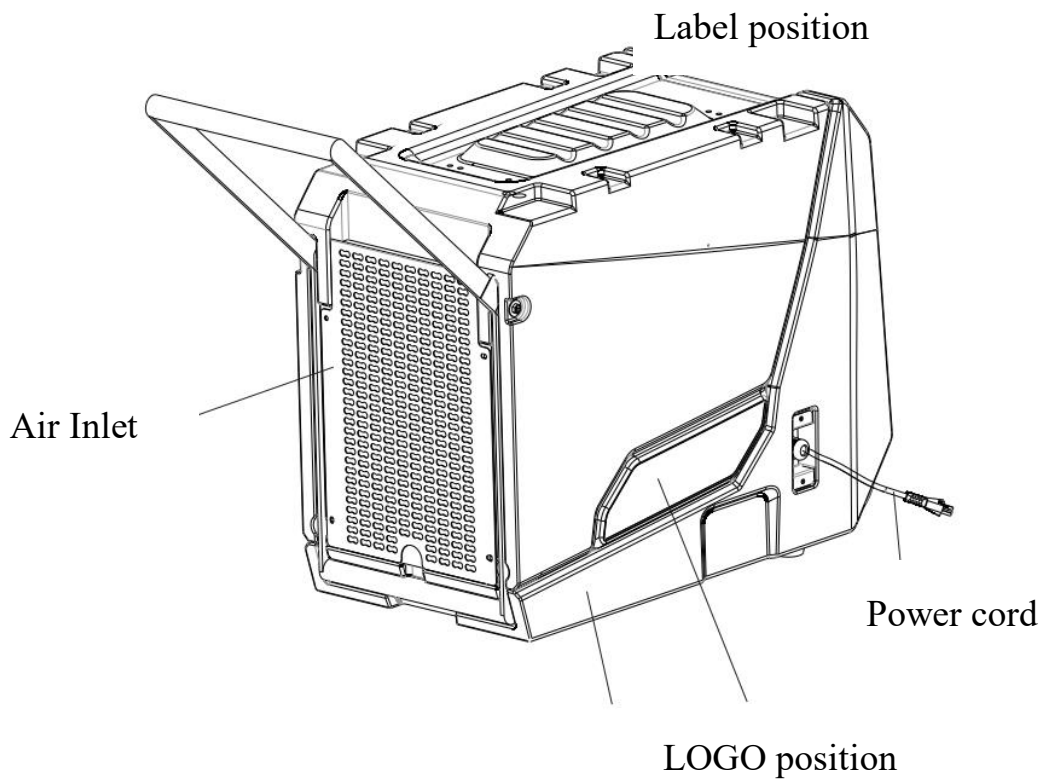
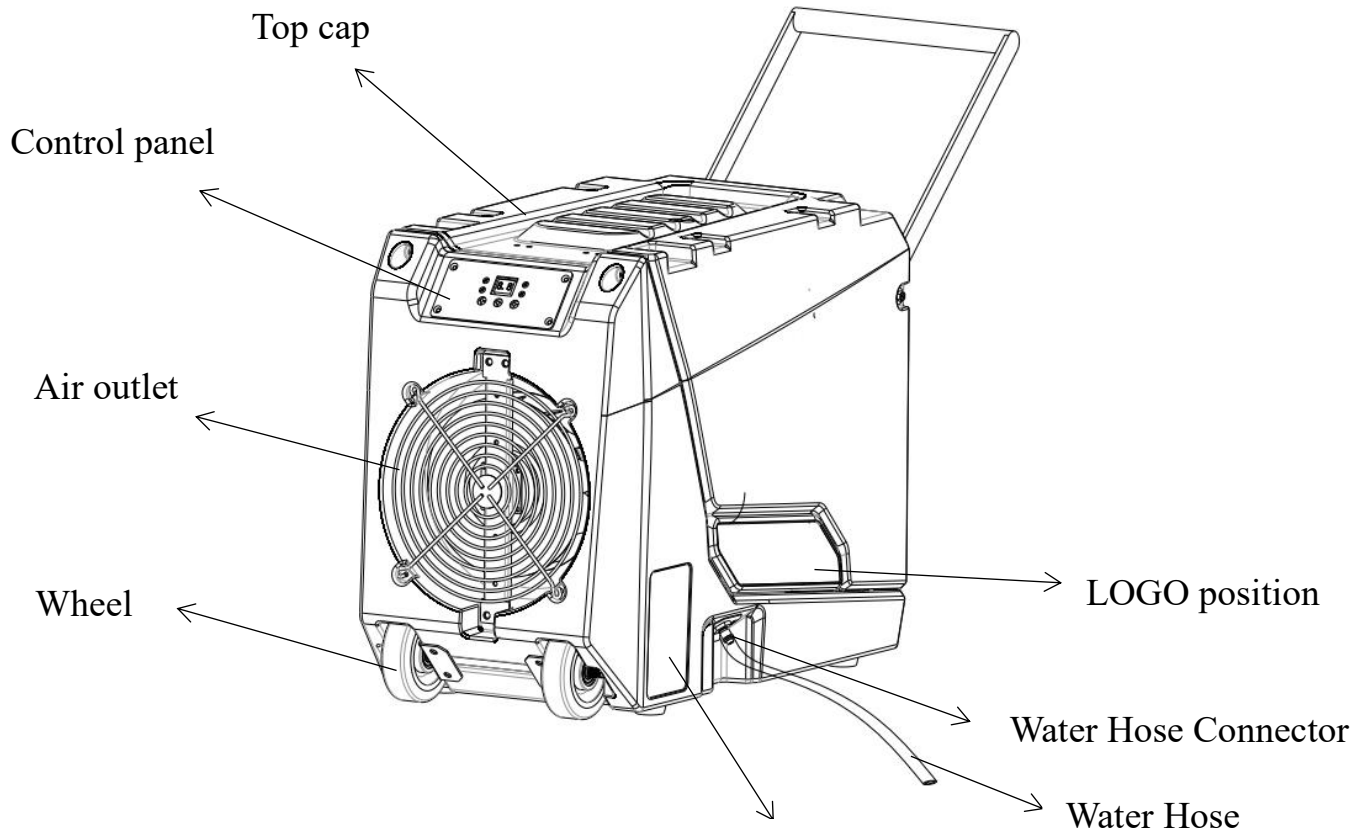
# SPECIFICATIONS

Model No.	Rebel 180/OL-R180P
Voltage & Hertz	AC115V / 60Hz
Power Consumption& Current	740W/6.9A @80°F, 60% RH 900W/8.4A @86°F, 80% RH
Refrigerant Charge	R410A/19.8z (560g)
Dehumidify Capacity	90Pints/Day @80°F, 60% RH 145Pints/Day @86°F, 80% RH
Maximum Design Pressure	High Side: 522psig (3.6MPa) Low Side: 240psig (1.65MPa)
BCSC	15A
Compressor Input	RLA: 7.3A LRA:36.4A
Fan Motor Power	0.107HP

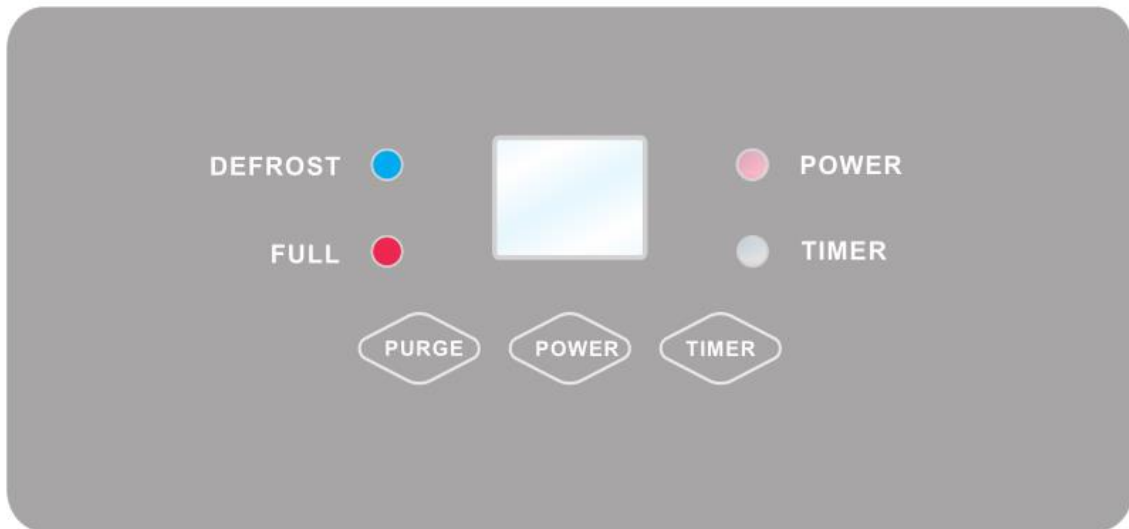
# FEATURES

1. Compact design with large dehumidification performance-fits where others do not – like crawlspaces, bathrooms, kitchens, etc.
2. Heavy duty wheels for easy movement.
3. Easy to assemble and disassemble the housing for access to internal parts.
4. Fast connector for hose, convenient for assembly and disassemble.
5. Washable air filter with Aluminum frame.
6. Foldable handle, easy to operate.

# DRAWINGS



# OPERATION



When the power is on, the machine will enter stand-by state and the power indicator (POWER) will light up.



**Power Button:** Press this button to turn on the machine, it will enter dehumidification mode automatically.

Press the Power button again to turn off the machine and machine will enter into the stand-by state.



**Timer Button:** Press this button for timing (0-12 hours). Press one time to add 1 hour, the display screen will show the corresponding timing data you set.

If you want to cancel the timer, please set the time data to “00”, and the timer indicator light will turn off.

You can set the machine when to turn on or off as you require.

A. When the machine is under normal operating state, you can set the machine when to turn off.

B. When the machine is under standby state, you can set the timing on the machine when to turn on.

Press and hold the TIMER button for 3 seconds to check the current room temperature. The display screen will show the temperature for 5 seconds and then the display screen will recover to show the current room humidity. Press and hold the TIMER button, the ambient temperature will be shown on the display screen all the time.



**Purge Button (Manual Drainage):** Press and hold this button for 3 seconds, the pump will be forced to drain. The indicator light (Full) will light up and the pump will drain for 40 seconds. After that, the pump will stop operating and the indicator light (Full) will turn off.

Press the PURGE button and TIMER button at same time for 3 seconds, this will switch the temperature shown on the display screen between Celsius (°C) and Fahrenheit (°F)



DEFROST 

**Defrosting Indicator:** When the machine requires the defrosting state, the indicator will light up. After finishing defrosting, the light will turn off.

FULL 

**Water Full Indicator:** When the water pump is full, the indicator light will light up.



**Display Screen:** When the machine is running, it will show humidity of the incoming air. When you set timer, it will show the timing hours you set.

**Memory Function (EEPROM function):** If there is a power outage or the unit is turned off, it will automatically restart according to its previous setting once power is restored or the machine is turned on .

## **AUTO DRAINAGE & MAINTENANCE**



**Please disconnect the power supply before cleaning or conducting maintenance.**

**Auto Drainage:** Connect water hose ( $\leq 13.12$  ft length) to the water drainage hole by using the quick connector, the machine will automatically drain by water pump through water hose when operating.

**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  $104^{\circ}\text{F}$ ) 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**

Error prompt and code running status

1. "E1" code: This code appears when the copper head sensor is damaged.

The machine will keep running, but every 30 minutes, the compressor will stop for about 10 minutes, then continue to run. After that, the machine will repeat the cycle.

2. "E2" code: This code appears when the temperature and humidity sensor is damaged. The machine will keep running, but every 30 minutes, the compressor will stop for about 10 minutes, then continue to run. After that, the machine will repeat the cycle.

3. "E4" code: This code appears when water tank on the water pump is full. When water pump fails, the machine will stop running.

### **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.