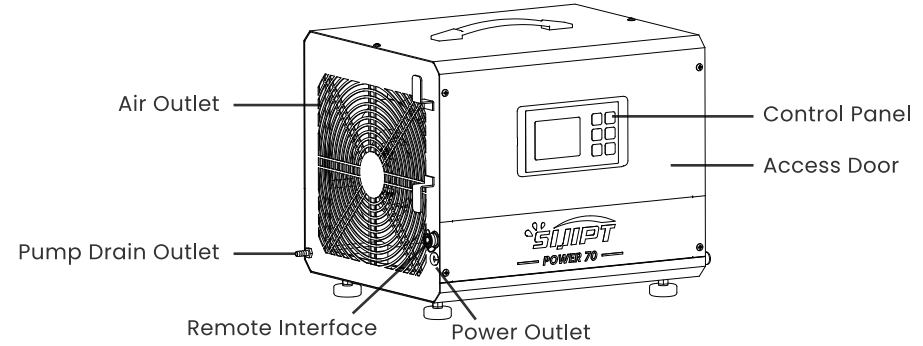
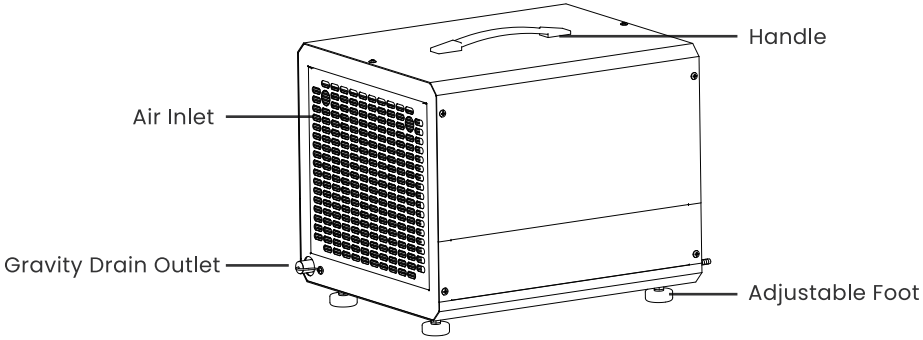
Parts Description





Parts List

Picture	Description	Quantity
	Pump Drain Hose (5M/16.4Ft)	1 pcs
	Gravity Drain Hose with Hose Clamp (2M/6.56Ft)	1 pcs
	Cable Ties（to fasten the pump drain hose）	2 pcs

MACHINE CONSTRUCTION

OPERATION INSTRUCTIONS

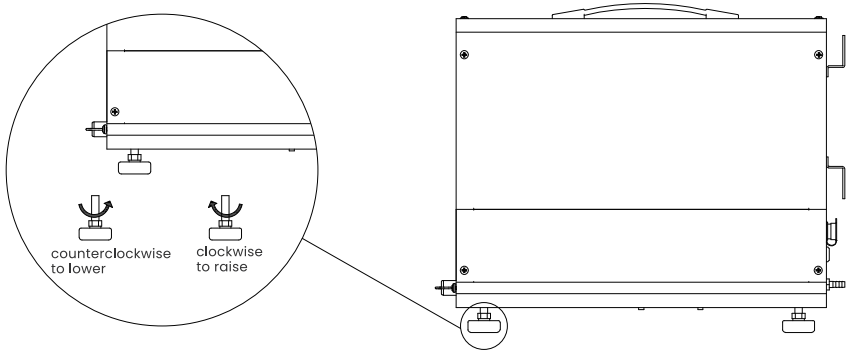
1. Leveling the Dehumidifier

Proper leveling minimizes vibration and noise.

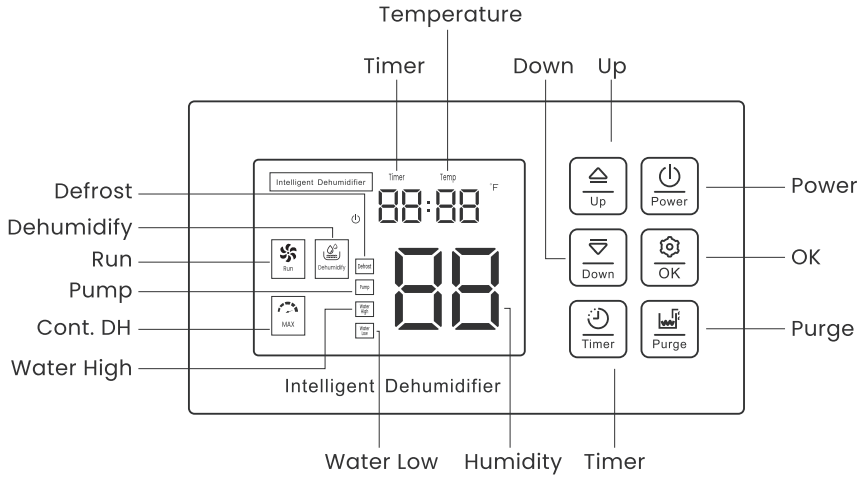
Step 1: Ensure the dehumidifier is on a flat surface.

Step 2: To adjust each foot:

Screw the foot in/out to the desired height (clockwise to raise; counterclockwise to lower).

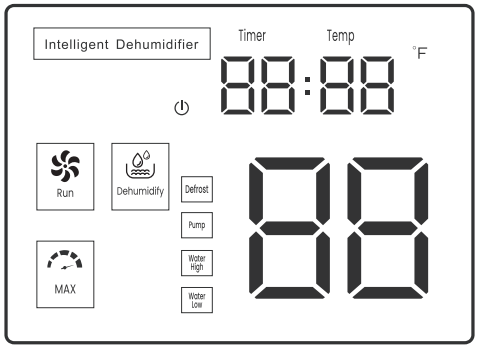


Display Control Panel



MACHINE CONSTRUCTION

The Screen Displays



Power
Standby: Plugged in but not turned on.
Running: Turned on. Displays real-time operational data like current humidity.

Humidity
The steady %RH value shows the actual room humidity. When you press the **Up** ⏏ or **Down** ⏷ button to set a target, the number flashes to show your new setting and becomes steady once confirmed.

Run
Indicates the fan is on.

Dehumidify
Dehumidify Icon Flashes when:
The compressor is in its 3-minute startup delay.
An Auto-On Timer is active.

MAX
Lights up in Continuous Mode with a set humidityvalue of 10%.

Defrost
Flashes: Auto-defrost in progress. Compressor pauses.
Off: Defrost complete. Normal dehumidification resumes.
Note: Frequent defrosting is normal in low temperatures. For optimal efficiency below 60°F, we recommend increasing the room temperature.

Pump
Steady On: Pump is ready and functional.
Flashing: Pump is actively draining condensate.

Water High
Indicates normal operation with automatic drainage.

Water Low
Indicates low water level;
automatic drainage is not activated.

The Control Buttons

Power Button: Press to turn the dehumidifier on or off.

Up Button: Press to increase the desired humidity level or timer duration.

Down Button: Press to decrease the desired humidity level or timer duration.

OK Button: Press to confirm and save your humidity or timer settings.

Timer Button: Press to set the unit for automatic turn-on or turn-off.

Purge Button: Press to manually activate the water pump for drainage.

OPERATING INSTRUCTIONS

Set Up the Drainage

(1) Drainage via Internal Pump

This dehumidifier is equipped with an internal pump for actively draining condensation water to a higher or more distant location.

Setup Steps:

Seal Gravity Drain: Insert the provided stopper firmly into the gravity drain outlet.

Connect Hose: Attach the drain hose securely to the pump drain outlet.

Position Hose: Run the other end to a safe drainage point (e.g., sink, floor drain). Ensure the hose is straight to avoid kinks and blockages.

Please Note:

If using a bucket, please check it regularly to prevent spills.

For the pump to work properly, ensure the drainage height does not exceed 16.4 feet (5 meters).

Using a hose that is too long can cause blockages and mildew.

Always remember to remove the drain stopper to empty the unit before moving it.

(2) Drainage via Gravity

For continuous, automatic drainage, set up the gravity drain hose before operation.

To Set Up Drainage:

Connect the hose to the dehumidifier and route the other end to a drain that is lower than the unit, making sure the hose path is straight. Once set up, water will drain automatically as the unit runs.

Please Note:

If you are draining into a bucket, you will need to monitor and empty it by hand to prevent spills.

QUICK START GUIDE

Basic Settings

1 Power On

Press the Power button to turn on the dehumidifier. Once powered on, the Power Indicator will light off, and and the Intelligent Dehumidifier icon will illuminate.

2 Set Target Humidity

Press the Up or Down button to set your desired humidity level (adjustable from 10% to 90%). The recommended humidity range is 40% to 60%.

The humidity display area on the screen will now show the previously set target value and blink, indicating that adjustment is in progress.

Important: The set target humidity must be at least 5% lower than the current room humidity for the dehumidifier to start operating.

After setting, press the OK button to confirm, or wait for 5 seconds for the system to save the settings automatically.

NOTE: Understanding Your Dehumidifier's Operation

Think of your dehumidifier as an automatic humidity guardian. It keeps the room humidity within a tight ±3% range of your setting.

Here's how it works with a 50% setting:

Humidity drops to 47% → Unit stops (Humidity reading flashes).

Humidity rises to 53% → Unit automatically starts again.

Please Remember:

For maximum dehumidification, set to 10% Continuous Mode. The unit will not run if the set humidity is higher than the room's current level.

3 Check Current Humidity

When the dehumidifier is on, the percentage displayed on the control panel (e.g., 88% RH) indicates the current room humidity.

4 Set Auto On/Off Timer

You can set the dehumidifier to turn on or off automatically after a delay of 1 to 24 hours.

Auto-On Timer: Set the timer while the unit is off. It will power on automatically after the specified duration.

Auto-Off Timer: Set the timer while the unit is on. It will turn off automatically after the specified duration.

Setting the Timer

Follow these steps:

Initiate Timer Setting: Press the Timer Button. The Timer icon will light up, and the digital display will show 00H flashing.

Adjust Time: Press the Up or Down Button to set the desired delay time in 1-hour increments (up to 24 hours).

Confirm Setting: Press the OK Button to confirm, or wait 5 seconds for the setting to be saved automatically.

Countdown Display: After confirmation, the display will show the remaining time until the unit turns on or off.

To Cancel the Timer:

Manually turn the dehumidifier ON or OFF; Set the Timer value to 00H.

Important Notes:

Power Requirement: Ensure the dehumidifier is plugged in before setting the Auto-On Timer.

Pre-set Humidity (for Auto-On): For best results, turn on the dehumidifier before setting the Auto-On timer to select your desired humidity level. Otherwise, the previous setting will be used.

Mode Exclusivity: You can only set the Auto-On Timer when the unit is off, or the Auto-Off Timer when it is on. Both timers cannot be set simultaneously.

Single Use: The timer function runs only once and does not repeat cyclically.

Manual Override: The timer is canceled if the dehumidifier is manually turned on or off.

Powering Off

Press the Power button to turn off the dehumidifier. The power indicator will turn off. The Power icon illuminates, and the Intelligent Dehumidifier icon turns off.

Important Note:

To protect the compressor, the fan will continue to run for approximately 5 seconds after the unit is turned off. This is a normal operation.

Do not unplug the power cord to force the unit to stop. Always use the Power button for proper shutdown.

3-Minute Compressor Delay Protection

To safeguard the compressor, the dehumidifier requires a 3-minute delay before restarting after a complete operating cycle. This means if you turn the unit off and immediately back on, the compressor will only begin operating after the 3-minute delay. During this delay period, the "Run" icon will flash on the display until the compressor starts.

Auto Defrost

When frost buildup is detected on the evaporator coils, the compressor pauses operation while the fan continues running until the frost melts. The "Defrost" icon will illuminate on the display panel during the defrost cycle.

Auto Restart after Power Failure

In the event of an unexpected power outage during operation, the dehumidifier will automatically power back on and resume functioning with its previous settings once electricity is restored.

Temperature Protection Function

High-Temperature Protection: If the ambient temperature exceeds 100°F (38°C), the dehumidifier will automatically enter High-Temperature Protection mode. The display will show "-H" and the compressor will stop operating.

Low-Temperature Protection: If the ambient temperature falls below 40°F (5°C), the dehumidifier will automatically enter Low-Temperature Protection mode. The display will show "-L" and the compressor will stop operating.