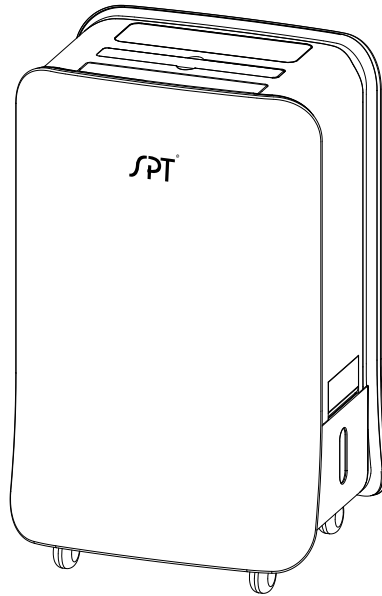


DEHUMIDIFIER

SPT®



DESICCANT DEHUMIDIFIER SD-014V **user manual**

Thank you for your purchase of this new SUNPENTOWN product. Please read thoroughly and retain this manual for future references.

CAUTION:

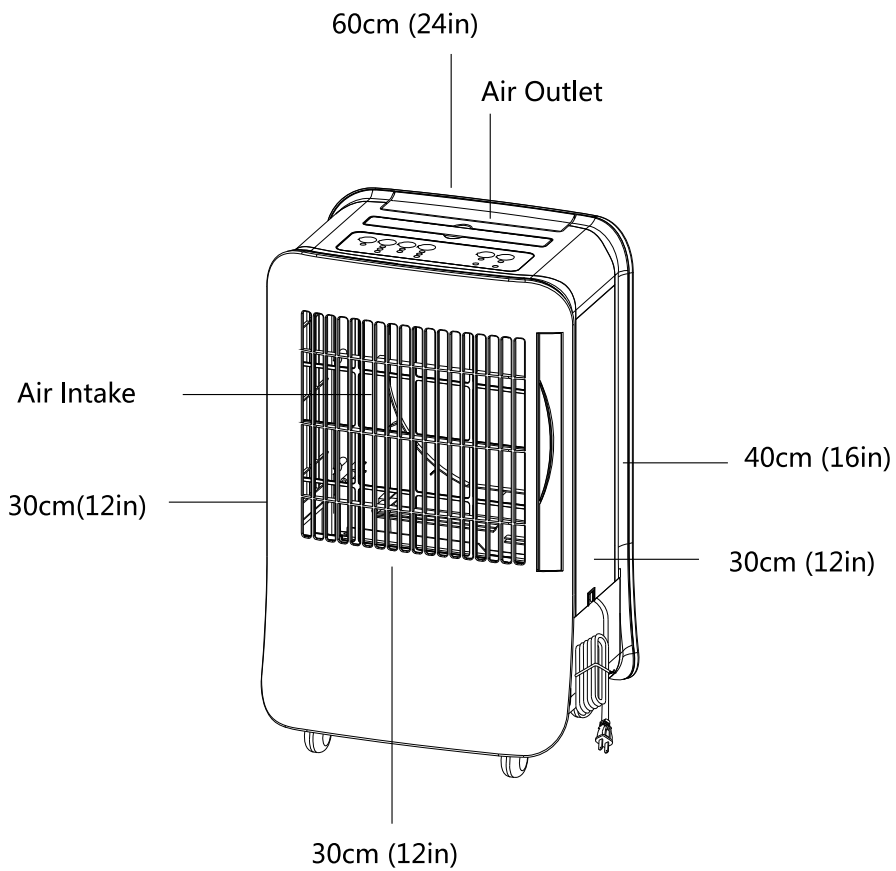
1. This appliance is intended for household only.
2. Never operate this unit if the cord is damaged. In case of damage, the cord must be replaced by the manufacturer, an authorized service agency or a similarly qualified electrician.
3. Close supervision is necessary when this item is used by or near children.
4. The appliance is not intended for use 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 concerning use of appliance by a person responsible for their safety.

1 IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions before using this product. Save these instructions for easy reference. When using electrical appliances basic precautions should always be followed to reduce breakage, risk of fire, electric shock and injury to persons including the following:

- Read all instructions before operating the dehumidifier.
- Place unit where it is not easily knocked over by persons in the household.
- ALWAYS switch unit off when not in use and before unplugging.
- ALWAYS unplug unit before servicing.
- ALWAYS allow unit to stand upright.
- DO NOT use any product with a damaged cord or plug, or if product malfunctions, is dropped or damaged in any manner.
- DO NOT use unit at the following locations:
 - Next to or near a heating source
 - Where combustible gases or vapors are present
 - Outdoors, or where may expose unit to rain
 - Area where oil or water is likely to splash
 - Under direct sunlight
 - Near a bath, shower or swimming pool
 - Greenhouse.
- NEVER use unit unless it is fully assembled.
- DO NOT use unit without the filter installed.
- DO NOT run power cord under carpets and DO NOT cover with throw rugs. Arrange cord so it will not be tripped over.
- DO NOT allow foreign objects to enter unit, as this may cause electric shock or damage to the dehumidifier.
- Place unit near a power outlet and avoid using an extension cord.
- DO NOT block, nor cover the air inlet and outlet of unit.
- The dehumidifier has a polarized plug (one blade is wider than the other). To reduce the risk of shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact qualified personnel to install the proper outlet. DO NOT try to alter the plug in any way.
- A loose fit between the plug and the AC outlet (receptacle) may cause overheating and distortion of the plug. Contact a qualified electrician to replace loose or worn receptacles.
- DO NOT sit, stand on, or place heavy objects on unit.

WARNING! To reduce the risk of fire or electric shock, DO NOT use this product with any solid-state speed control device.

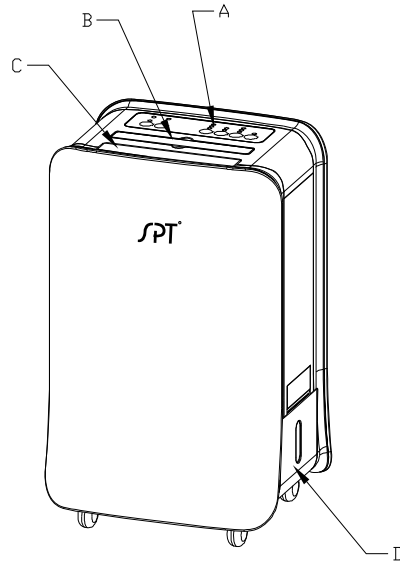


Only run unit on a flat surface. Keep unit away from walls and furniture with the safety distances instructed above, so the operation of the unit won't get obstructed.

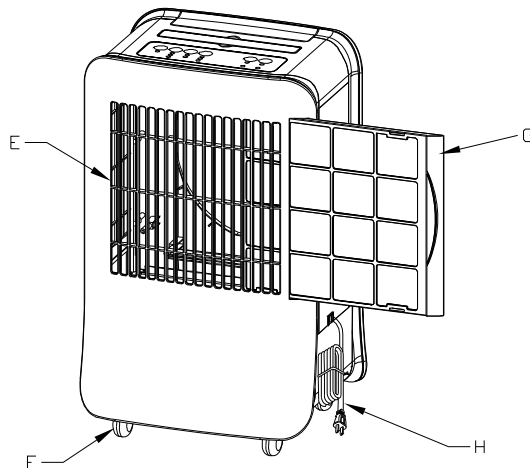
2

PARTLIST

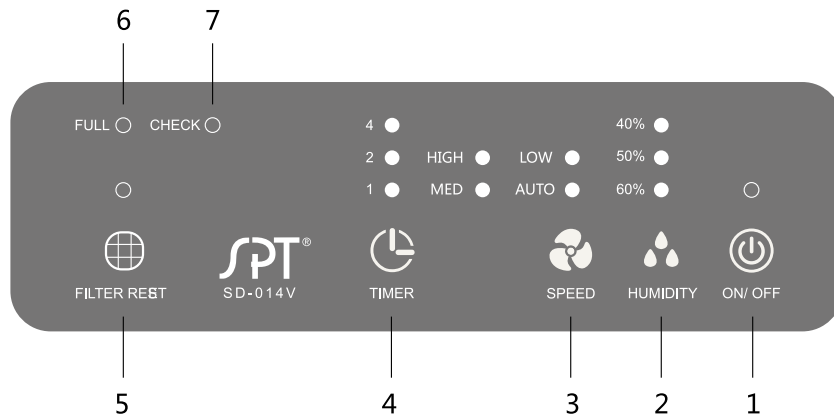
- A. Control Panel
- B. Handle
- C. Air Outlet
- D. Water Tank



- E. Air Intake
- F. Casters
- G. Filter Set
- H. Power Cord



3 CONTROL PANEL



- 1. ON/OFF Button:** Press once to turn on unit, press again to turn off.
NOTICE: This product uses heating system. After powering off, the fan continues to run for an additional 2 minutes before completely shutting off. This is to exhaust remaining heat inside the unit.
- 2. HUMIDITY Button:** Press the button to select desired humidity.
 - A. 60% - A normal and comfortable humidity for most human bodies.
 - B. 50% - Drier but still acceptable.
 - C. 40% - Providing dry air, preventing winter dewdrops on walls or windows.
 - D. Continuous – Unit continuously removes moisture from the air (all three HUMIDITY LED lights are off). This is the default setting.Note: When a desired humidity is selected and the target humidity has been reached, unit will go into STANDBY mode.
- 3. SPEED Button:** Press to change fan speed and heating output.
 - A. HIGH: Fan operates at high speed with full 600W heating output.
 - B. MED: Fan operates at med speed with 400W heating output.
 - C. LOW: Fan operates at low speed with 200W heating output.
 - D. AUTO: Default setting. Under AUTO mode, unit automatically adjusts fan speed (as well as heating output) based on the present relative humidity. With different target of humidity selected, the AUTO mode works differently as shown in the following table.

AUTO mode instruction table

| Target Humidity Present humidity and speed adjustment | HIGH | MED | LOW | Standby |
|---|-----------|---------|---------------|---------------|
| 60% | Above 80% | 80%~71% | 70%~61% | 60% and below |
| 50% | Above 70% | 70%~61% | 60%~51% | 50% and below |
| 40% | Above 60% | 60%~51% | 50%~41% | 40% and below |
| Continuous | Above 60% | 60%~51% | 50% and below | X |

NOTICE:

- Under CONTINUOUS mode (no desired humidity selected), unit continues to run at LOW speed after the relative humidity reaches 50%. Unit does not go into standby mode.
- Standby mode: Both fan and heater stop operation. Without the water tank being full or unit shut off due to set time, the fan will come on once every hour to detect the humidity.
- In any condition, once the room temperature hits 109°F, the heating system automatically shuts-off until cool down.

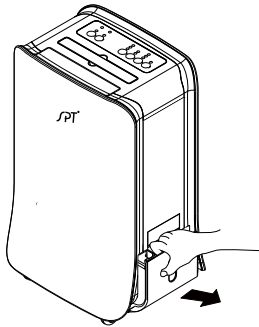
4. **TIMER Button:** Press the button to set up an operation period for unit. Timer can be set from 1 through 7 hours (accumulated by 1,2,4 hours).
5. **FILTER RESET Button:** When unit's VOC removing filter reaches 1 year lifespan, the LED light illuminates as reminder to replace filter. After replacing the filter, press and hold the button for 3 seconds to turn off the LED light and reset the lifespan counter.
6. **FULL Light:** Bucket full indicator. This light illuminates when unit's water tank is full and needs to be emptied. Unit will automatically stop operation. Carefully remove water tank and dispose water. Replace the tank and unit will resume operation at previous setting.
7. **CHECK Light:** Abnormal status indicating light. When the CHECK light is on, please check if unit is sitting on a flat surface or if there's anything blocking the air intake/outlet area. To turn off the CHECK light, carefully check unit's status and reconnect the power cord to the electric outlet.



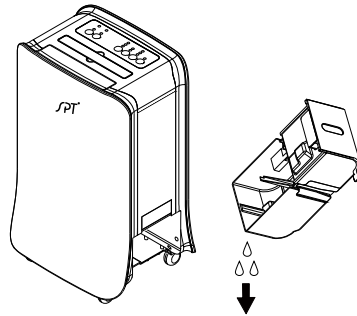
4 OPERATION

WATER TANK

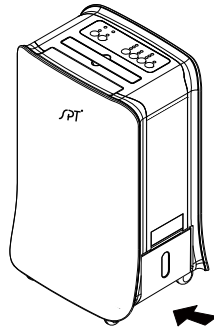
- When water tank is full, unit will stop operation and the full bucket indicating light (FULL LED) will illuminate.
- Never remove the water tank while unit is in operation.



Gently pull the water tank out and hold it with two hands to remain balanced.



Pour the water out.

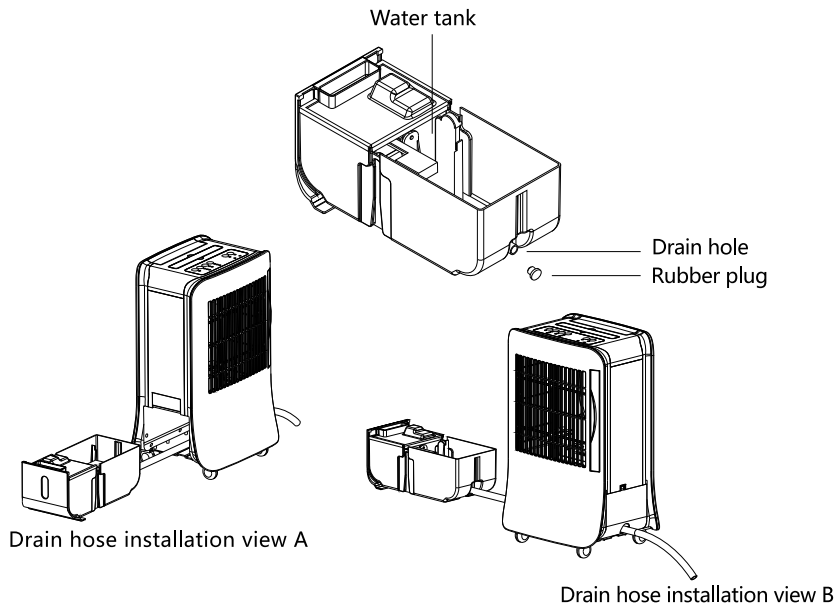


Replace the tank and unit will resume operation at previous setting.

CONTINUOUS DRAINAGE

[WARNING] To prevent the risk of electric shock, make sure to turn off the power and unplug the unit before modifying the water tank for continuous drainage.

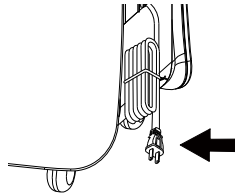
- Remove water tank.
- Use a screw driver or other applicable tools to carefully remove the plastic drain hole cover located at the bottom left of unit.
- Remove the rubber plug of the tank and connect the tank's drain hole with hose. Carefully keep the rubber plug for future applications of the tank.
- Run the other end of the hose inside out through unit's drain hole and replace water tank.



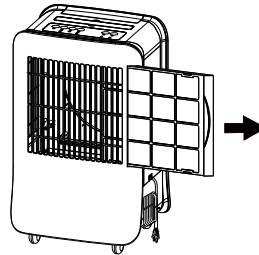
NOTICE: Under continuous drainage, the water tank must remain properly installed for unit to operate.

5 REPLACING FILTER

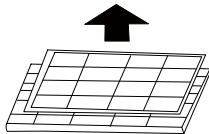
When unit's VOC removing filter reaches the 1 year lifespan, the FILTER RESET's LED light illuminates as reminder to replace filter. Please follow instructions below for filter replacement:



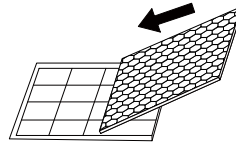
1. Turn off and unplug the dehumidifier



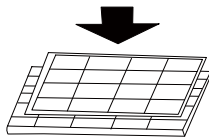
2. Release the filter set



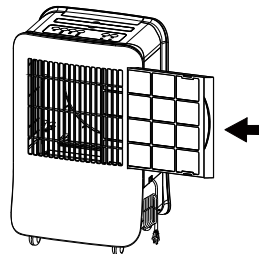
3. Carefully remove the PP filter from the filter frame, then remove and discard the old VOC filter.



4. Unpack and install the new VOC filter to the filter frame.



5. Reposition the PP filter.



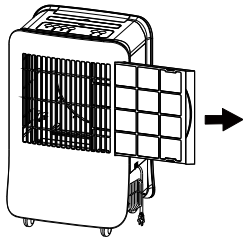
6. Replace the filter set.

After the new filter is properly installed (step 6), press and hold the button for 3 seconds to turn off the LED light and to reset the lifespan calculation.

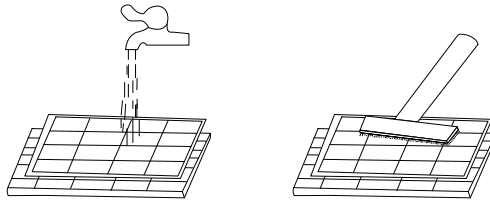
6 MAINTENANCE

[WARNING] To prevent the risk of electric shock, always turn off the power and unplug the unit before servicing.

Aside from the regular VOC filter replacement, please inspect the PP mesh filter periodically to remove dirt build-ups. This is to ensure performance of the unit and to prevent safety concerns.

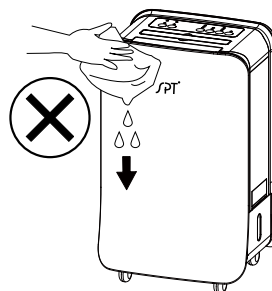
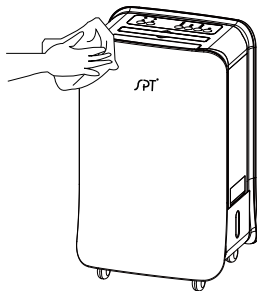


Remove the filter set and take out the VOC filter



Carefully wash the PP filter and filter frame with warm water or clean by a vacuum with low speed

If your unit gets dirty from the outside, you can always use a soft damp cloth to gently wipe the external surface. DO NOT pour or splash water on the unit or use abrasive cleaners.



7 SPECIFICATION

| | |
|--------------------|--|
| Model | SD-014V |
| Type | Desiccant Dehumidifier |
| Working Temp Range | 33.8°F~104°F |
| Input voltage | AC 120V/60Hz |
| Capacity | 12 pints/day (80°F, RH 60%) |
| Power Consumption | 615W at high speed |
| Water Tank Size | 8.45 pints |
| Fan Speed | High, Med, Low, Auto |
| Humidity Setting | 40%, 50%, 60%, Continuous |
| Off-Timer | 1~7 hours |
| Filter System | Plastic Pre-filter, Aluminum VOC filter |
| Safety System | Tip-over auto shut-off Full bucket auto shut-off Overheat auto shut-off |
| Others | Fully portable with handle and casters Filter change reminder for VOC filter Drain hose connection (hose included) |
| Dimension | 13.5 x 11.3 x 21.9 inches |
| Unit weight | 18.5 lbs |

8 YOUR GUARANTEE

If this product is found to be faulty as a result of faulty materials or workmanship within one year from date of purchase, it will be repaired free of charge.

This guarantee is subject to the following terms:

- Sunpentown must be notified of the fault.
- Proof of purchase must be presented to Sunpentown' s nominated representative.
- The warranty will be void if the product is modified, misused or repaired by an unauthorized person.
- The warranty after repair will not be extended beyond the original one-year period.
- All replacement parts will be new or reconditioned.
- Parts, which are replaced, become the property of Sunpentown.
- The warranty applies for the use of the product in the USA only.

What is NOT COVERED:

- Warranty does not include freight charges.
- Incidental or consequential damage caused by possible defects with this product.
- Damage to product caused by improper power supply voltage, accident, fire, floods or acts of nature.
- Failure of product resulting from unauthorized modifications to the product.
- Improper installation or failure to perform the necessary maintenance.

This GUARANTEE is in addition to your Statutory Rights

SUNPENTOWN INTERNATIONAL INC.
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