

ecoPD60-SSM / ecoPD80-SSM

Advanced Commercial Dehumidifier



www.dpstar.com.my

ecoSTAR

Multiple Security Protection

Compressor Protection

When unit is switched off, compressor protection will be on

Overload Protection

Intelligent protection on compressor load

Start Protection

When reaching the set humidity, fan stops rotating

Water Flow Protection

Stop running when the water is full. Prevents water overflow.

Outlet Protection

The gap of the air outlet grille is only 4.8mm Don't worry about children touching by mistake

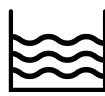
Evaporator Frost Protection

Intelligent defrost to maintain the normal state of the dehumidifier



Auto-Defrost

Starts at low temperature, when the evaporator is frosted. Automatic defrost by Two-way valve, efficiently protect the compressor



Overflow-Protection

After the water tank is full, the machine will automatically stop and trigger the alarm.



Flameproof Electrical Box

Prevent short circuit and fire, eliminate safety hazards



Power-off Memory

After power off, turn it on again and it will automatically restore the previous settings

Industrial/Commercial Grade Dehumidifying Capacity with

Minimal Noise



3D noise reduction technology is used to eliminate the noise generated by compressors, motors, and fans. The principle of dynamics is used to reduce the noise of different band

Intelligent Humidity Control Energy & Power Saving

Less than 1.2 kWh per hour

30% More Energy Saving Than
Traditional Industrial Dehumidifier

“ The precise humidity sensor automatically detects the humidity in the entire space. When the set humidity is reached, the compressor motor will automatically shut down, and the humidity sensor will monitor the humidity every 30 minutes. Once the humidity is found to rise more than 3% of the set value, it will be turned on again. Otherwise, it will go to sleep. ”



Two Drainage Options

7 liters large water tank with electromagnetic float, stops operation when the water is full. It can be connected to an external water pipe for continuous drainage to avoid frequent emptying

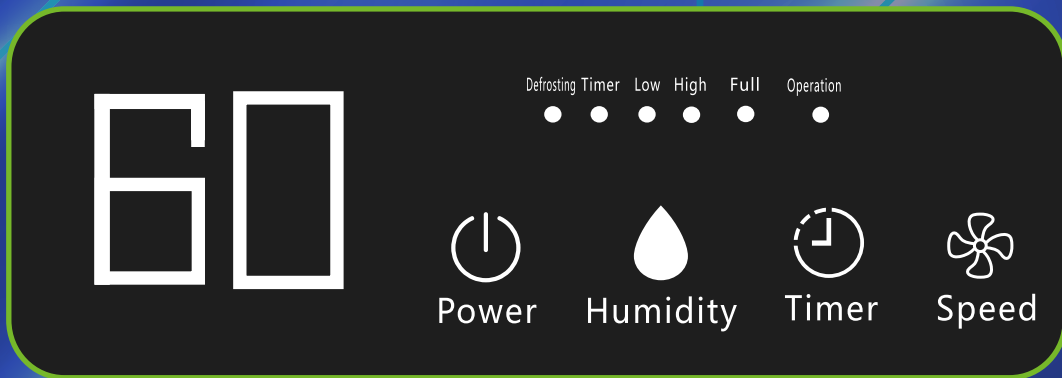


Drain Pipe

7L Water Tank

Electronic Control, Easy Operation

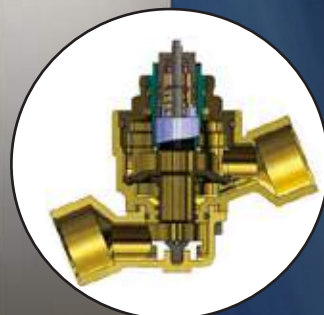
*Power / Humidity /
Timer / Speed*





It can be fully closed when not operating, to prevent dust from entering the machine and prolong its life.

Defrost by Two-way Valve



“ The unit does not stop during defrosting. Low-temperature dehumidifying is 50% more effective than that of ordinary dehumidifiers. While defrosting, it also dehumidifies, extending the life of the machine. ”

User-Friendly LED Display

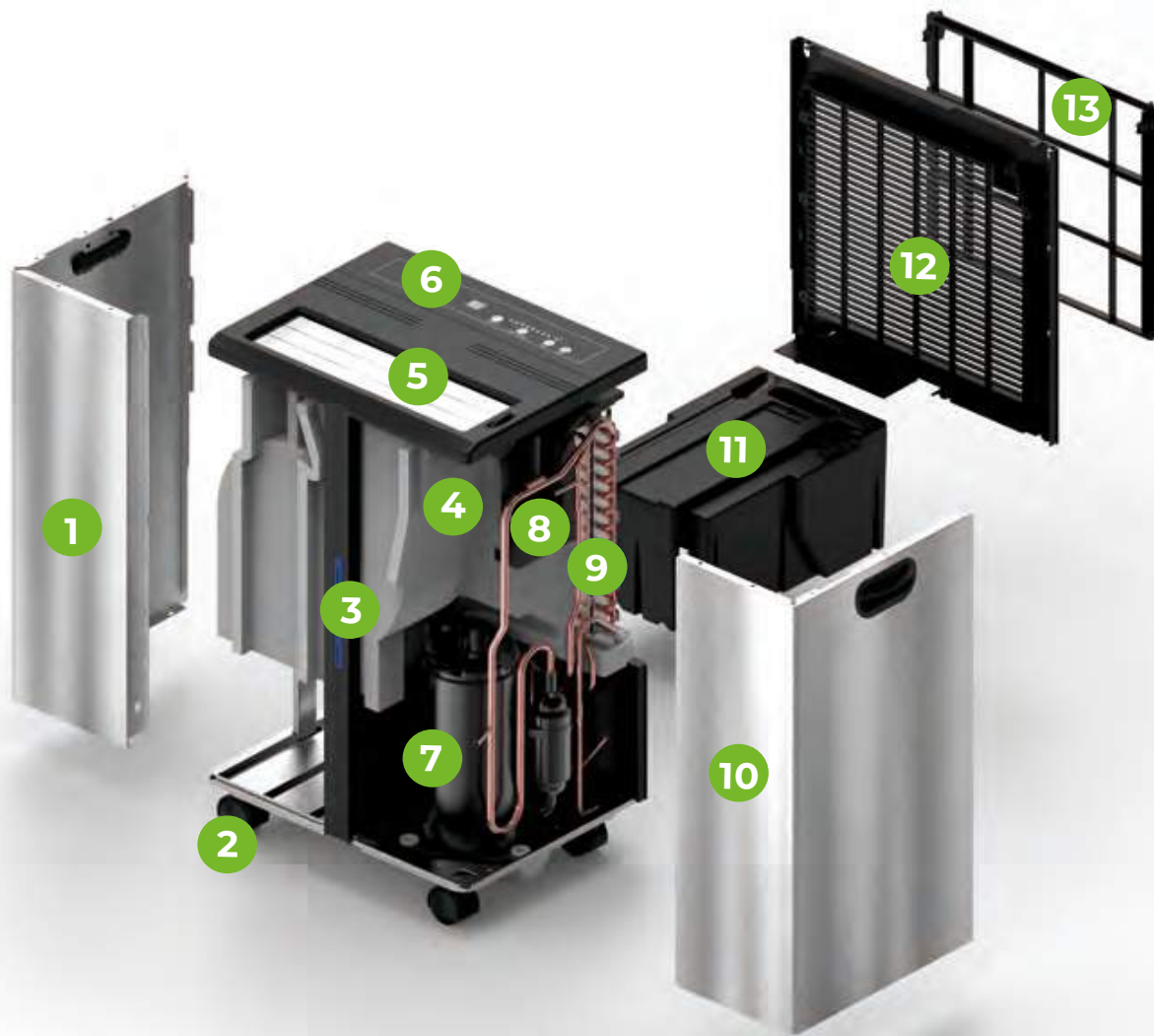
Blue & Red, Two-color Display

The current operating status is clear at one glance.



Normal Operation
Blue Display

Shutdown once water is full
Red Display



- 1 Front Panel(304# Stainless Steel)
- 2 Wheels
- 3 LED Color Light
- 4 Motor Fan/Fan Housing
- 5 Aluminum Alloy Wind Guide Blade
- 6 Display PCB(Moisture-proof box Protection)
- 7 Top Panel(Matt ABS)
- 8 Main PCB(Fireproof Box Protection)
- 9 Heat Exchanger
- 10 Right Panel (304# Stainless Steel)
- 11 7.0L Water Tank
- 12 Rear Panel(Mat ABS)
- 13 Filter



Vortex Air Duct Design

Vortex blade design, three-dimensional jet air volume to absorb moisture, Large area dehumidification, rapid absorption of room humidity



Rechi Compressor

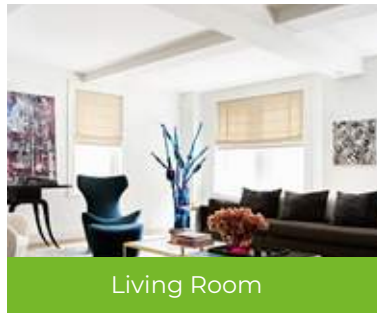
Provide strong power for excellent dehumidification, smoother operation and lower noise



Recommended for 60-250m2 Area



Warehouse



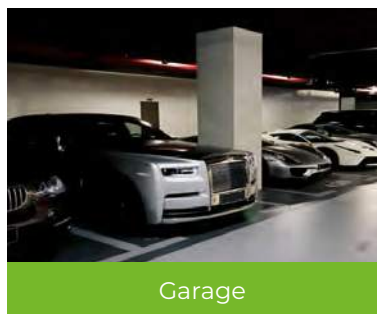
Living Room



Control Room



Library



Garage



Basement

It can keep the space below 250m2 dry for a long time to avoid mold, virus/bacteria breeding on wallpaper/floor/furniture/books; electric appliances/circuits, and sheet metal oxidation, etc.



Model	ecoPD60-SSM	ecoPD80-SSM
Dehumidifying Capacity (@30deg. C, 80%RH)	40~60	60~80
Power Supply	220~240V/1PH/50hz	
Rated Power (W)	950	1125
Rated Current (A)	4.3	4.9
Applicable Temperature	5~38 deg. C	
Refrigerant	R410A	
Water Tank Capacity	6~7 liters	
Airflow Rate (CMH)	650 cmh	
Machine Dimension	400x310x645	
Net Weight (kg)	25.0	26.0
Gross Weight (kg)	27.0	28.0
Applicable Area (m2)	30~50	50~80
Noise Level dB (A)	50	50
Packing Dimension	400x310x695	

- Strong dehumidifying
- Innovative and fashionable design
- Intelligent humidity control and easy operation
- Rechi compressor with longer life
- High and low fan speed option, low noise operation
- ON/OFF Timer setting
- Upper air outlet for easily drying the clothes
- Continuous drain option
- Washable filter
- Automatic defrost function
- Tank full indicator and auto shut off
- Integral carry handle and easy glide castor wheels



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