



# SPD-138L Swimming Pool Dehumidifier.

The SPD-138L Dehumidifier special designed for Industrial & Swimming pool application. It is Ceiling or wall mountable. SPD series dehumidifier consists of high quality compressor. It is provided with external humidistat to set required humidity level. These units can be installed in parallel with main return duct or between supply & return Duct or dedicated return to main supply of main return.



SPD-138L

### Power Consumption

1.85 Kilo Watts

### Voltage

220V/50Hz/ 1 Ph

### Extraction (30°C, 80% RH)

138 Liters / day

### Humidity Setting

Available

### Running Temperature

5 - 38°C

### Compressor

Hitachi or equivalent

### Refrigerant

R410A / 1.1kg

### Filter

G4 Efficiency

### Noise

57 dBA

### Dimension (W x D x H) mm

1085 x 620 x 465

### Drainage point

Provided

### Air Volume

700 CMH

### Weight (kg)

70

### IP Rating

IPx4

### Control Technologies FZE

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# SPD-138L Swimming Pool Dehumidifier.

## FEATURES:

- Automatic restart function.
- 1 ~ 24h Timer on / Timer off.
- Automatic defrosting function.
- Washable air filter.
- Overheating protection.
- Temperature and Humidity display.
- Surface electrostatic spray process.



SPD-138L

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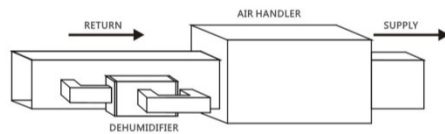
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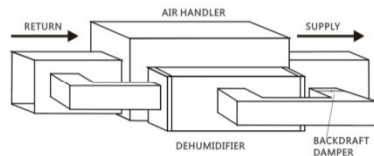
# SPD-138L Swimming Pool Dehumidifier.

## PRODUCT INSTALLATION

### A Main Return To Main Return



### B Main Return To Main Supply

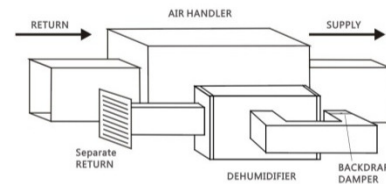


- A** Running it with A/C operation, minimizing the discharge air temperature(DAT) increase is preferred.  
**B** Running it opposite A/C operation, meanwhile, running with A/C operation requires damper on the exhaust port to minimize backdraft when dehumidifier is not on but A/C is.  
**C** When drying a specific area of the house, running with A/C operation requires backdraft damper on the exhaust port to minimize backdraft when dehumidifier is not on but A/C is.

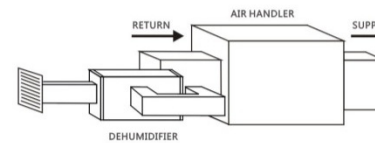
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## PRODUCT INSTALLATION

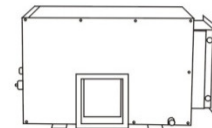
### C Dedicated Return To Main Supply



### D Dedicated Return To A/C Return



### E Unducted



- D** Running it with A/C operation to dry a specific area of the house  
**E** Drying a specific conditioned or unconditioned area, such as attic, basement, or crawl space

RYAKK / 008

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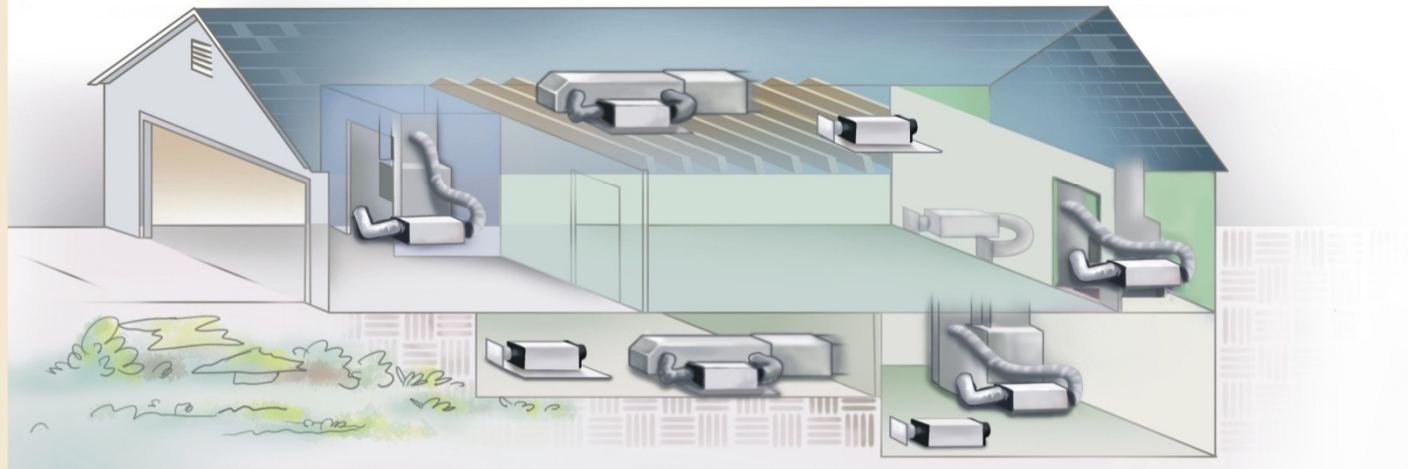
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# SPD-138L Swimming Pool Dehumidifier.

YAKE Ceiling/Wall mounted dehumidifier bring the fresh and comfortable air.



#### Working principle

Utilizing refrigeration and internal air circulation to cool the incoming air stream below its dew point, and the water vapor will be went out through the plate below evaporator. the processed air is reheated by passing through the condenser coil. The heat removed by the evaporator coil is returned to the air stream, resulting in an overall temperature increase to the processed air. so continuous circulation, makes indoor humidity gradually reduce. The ceiling/wall mounted dehumidifier can run with ventilation duct with wind valve, also can be used separately.

#### Main application

Choosing dehumidifiers depending on indoor space area. While the RH level indoor remains below 60%, there is no sweater any more, meanwhile, including mildew, peculiar smell, mould contamination etc problems can be well solved too, air quality will be improved, bringing comfort.

#### WALL MOUNTED DEHUMIDIFIER

/ 005

/ 006

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