



**DUOLANG**

# AIR COOLER

Read And Save these Instructions



**DR-6800**



**DR-5000**

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## FOREWORD

Thanks for your trust and support to choose Ice Air Cooler.

Please read the directions carefully in order to help you use our products, if anything mentioned in the following directions changes, please take material objects as the standard, we may not keep you informed as soon as possible, Sorry for any inconvenience.

## THEORY OF TEMPERATURE DROP

Evaporative Air Conditioner is the high-tech product researched and developed by company. This conditioner uses the theory of evaporation and cooling. By using the Water Curtain and Fan as the evaporator, the conditioner can make the temperature drop effectively and improve the quality of air as it filters the dusts in the air.

The theory is: the draught fan does a suction to make a subpressure, at the same time the pump carries the water to the distribution instrument to fully moist the surface of the water curtain, and the special angle of the water curtain pressures the water directly to the inlet side. The hot air passes the wet curtain, and absorbs the heat in the air and then makes the temperature come down. The air filters in the curtain, then becomes fresh and cool, and the unevaporated water drops to the base to make a loop-

## TO ADAPT TO THE SCOPE OF

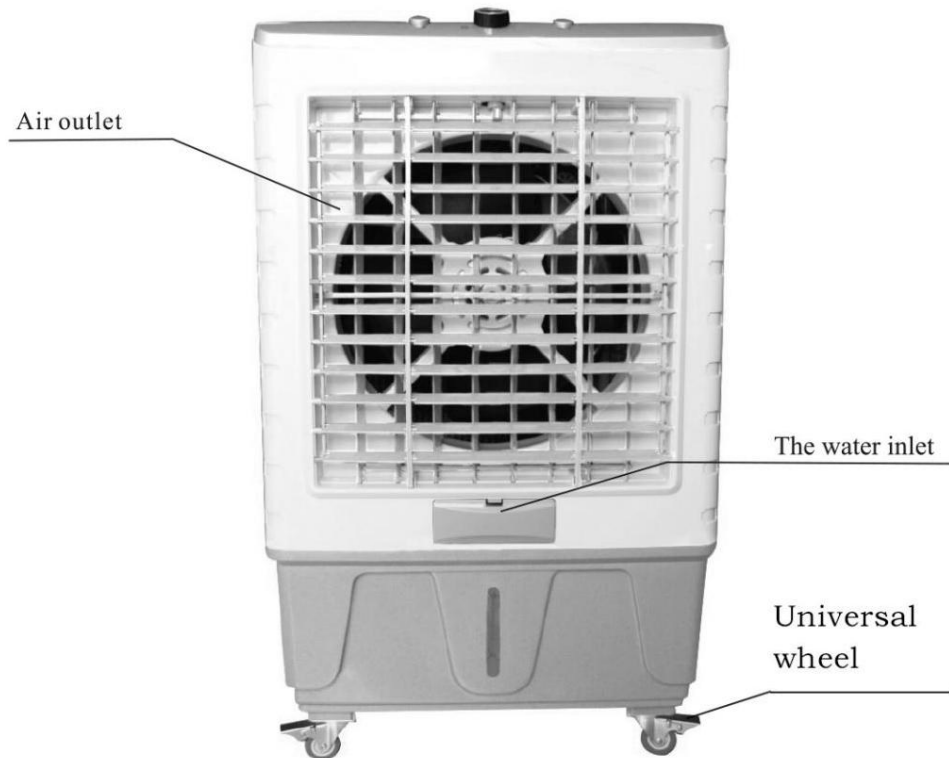
**Manufacturing:** textile industry, machinery manufacturing, ceramic manufacturing, chemical, metallurgy, metal and leather, etc.

**Processed:** gold-plated, electronics, shoes, printing, plastics, clothing factory, food packaging, etc.

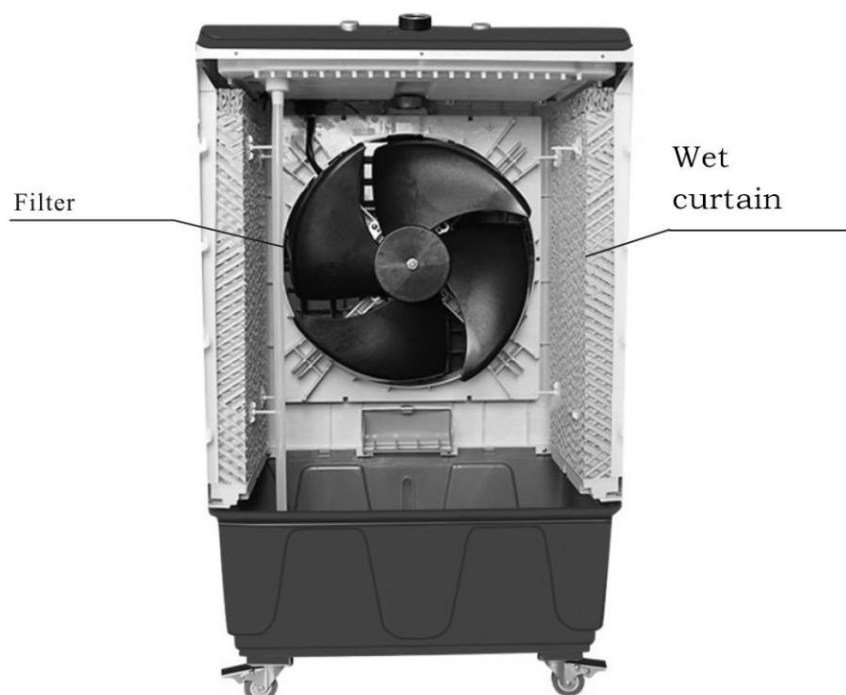
**Other:** golf courses, bakery, playground, hospital, bathroom, schools, passengers waiting room, supermarket, restaurant, kitchen, vegetable market, entertainment venues, parks, greenhouse, herbal cultivation base, factories, etc.

**NAME AND FUNCTION OF EACH PART**

**THE FRONT OF 6800**

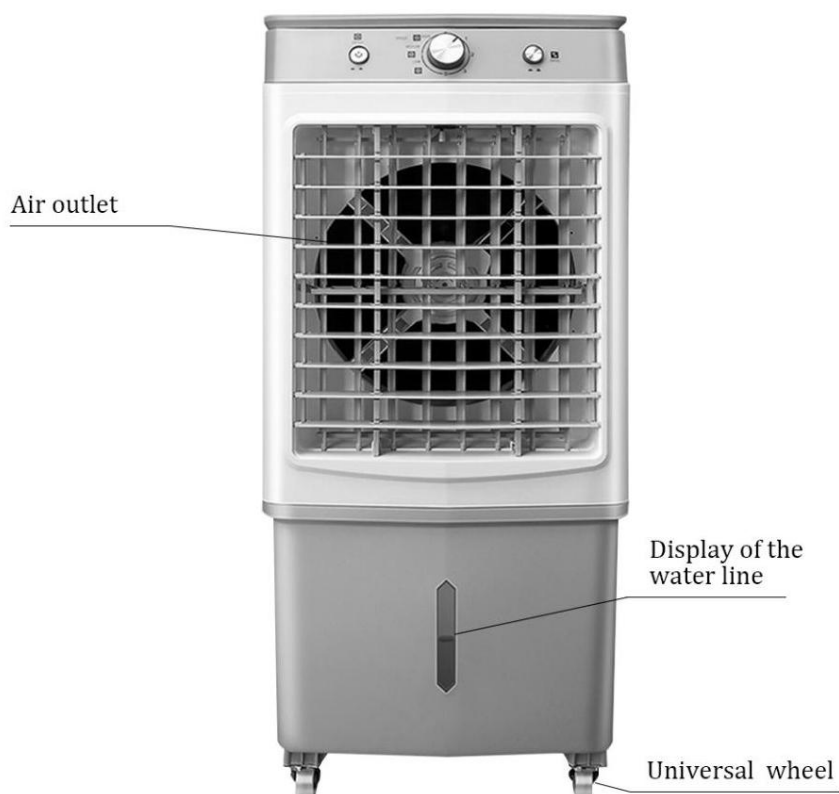


**THE BACK SIDE OF 6800**

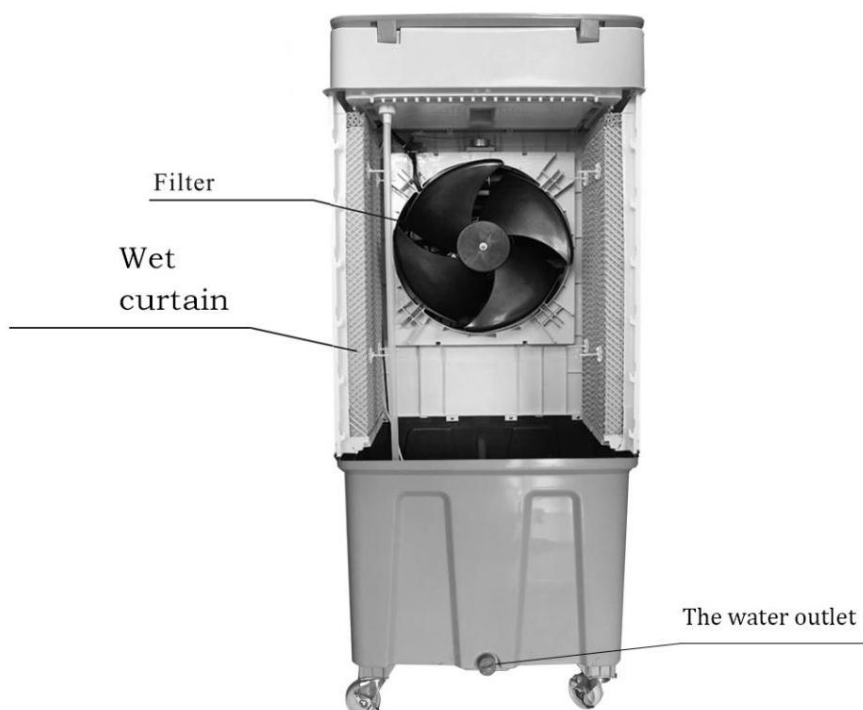


**NAME AND FUNCTION OF EACH PART**

**THE FRONT OF 5000**



**THE BACK SIDE OF 5000**



## TECHNICAL FEATURES

Wet curtain new paper, power conservation and environmental protection

Large water tanks, can make the machine work for a long time

Through the quiet wind, improve the quality of the air

Convenient small wheels the movement of the machine

Wind angles of circulation, more comfortable

New type of three plane into the wind, have apparent cooling effect, increase the humidity

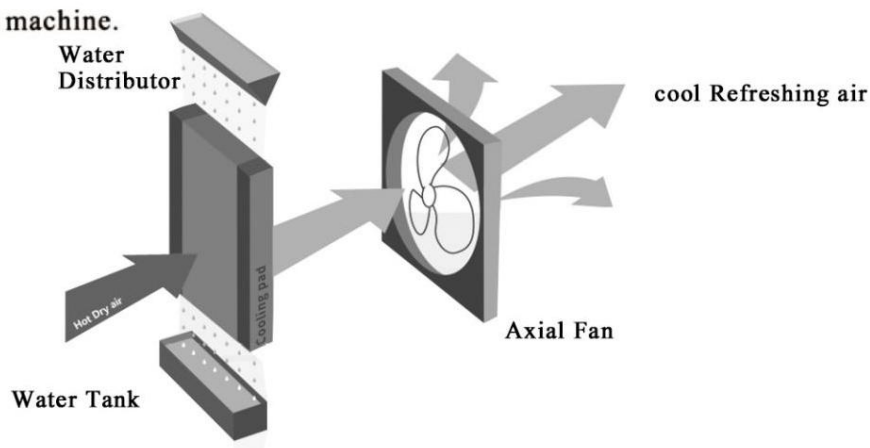
Three kinds of speed (low, mid-range, high-grade)

Wheels are convenient for mobile devices DUOLANG products save electricity

## CLEANING

Released in order to ensure environmental protection air conditioning air fresh and clean, dirty water on time when you need to change water, clean the filter And dust-proof net.

- 1, remove the filter, is put below the water wash away the dirty things, can not use a pressurized water.
- 2, remove the wet curtain of paper, placed under the water flushing, but cannot use water pressure, wet curtain for pressurized water will destroy paper, qing Wash the wet curtain from internal to external, and the edge of the paper, can not use any cleaner wet curtain to prevent destruction of paper.
- 3, open the drain water retention, use soft cloth wipe away the dirt in the water tank, at the same time also to clean water pump, Drain valve on the dirt.
- 4, when they have to clean the machine external use mild soap and clean soft cloth, if will use strong chemicals Shell of the machine.



- ※ When cleaning machine with high pressure, must pull the plug, power operation.
- ※ Any part of the control panel shall not touch water.
- ※ Put ice can not exceed ice box level!

**TO OPERATE YOUR UNIT PROPERLY**

**Please read carefully how to operate the unit properly. We shall not hold the responsibility if the accident appears unexpectedly**

1, the machine to use in the following conditions:

- (1) The temperature of use is between 64.4 °F and 113 °F (2) water temperature is lower than 113 °F  
(3) the voltage fluctuation can't (+ / -) 5%; (4) There be no dirt

2, add water, use of water must be clean water, from the left and right side of the machine slowly add water (inlet) to waterproof spatter. also Can pick up from the back water pipe.

3, power supply, the machine ( 110V/60Hz single-phase ) electricity, insert the power supply, can be used.

4, if the wire damaged or abnormal problems, must by the manufacturer, agent or a similar technical personnel change Maintenance, to avoid accidents.

5, please do not put items in the cold wind machine, it is strictly prohibited to cover outlet, when used within a meter before and after the body can not have obstacles.

6, when no water in the tank open "cooling" function, the pump will not work.

7, cleaning or maintenance must be cut off power supply first, pull the plug.

8, when cleaning the machine appearance, using wet cloth or add some detergent wipe clean, do not use corrosive detergent or solvent such as cleaning, flushing (tube) is strictly prohibited.

9, such as the machine, and machine with water, should immediately pull the plug, such as dry rear can boot. Otherwise, it might damage the Machine.

10, may not be the machine into the outlet close to walls, curtains and other physical objects, otherwise it will block air flow, influence the effect. The room use please Open the doors and Windows, keep ventilated, lest affect the use effect.

11, the machine is in use not hitting or when the fuselage vibration, otherwise it may cause failure.

12, receive the correct circuit of the machine, and make sure not bite the mouse. Wires were trampled or spin could cause a short-circuit. Using the wrong socket power will lead to motor damage. Without the use of the machine, please plug the power supply.

13, this machine is not ready to physically weak, slow, or people with mental disorders (including children) to use, unless in the have Security responsibility of staff or with the help of the guidance of safe use.

14, children should be supervision, to ensure that they play instruments.

**TECHNICAL PARAMETER**

Parameter	Unit of quantity	Model number
		DR-6800
Air flow	CFM	4000
Voltage/frequency	V/Hz	110/60
Power	W	130
Control mode	Mechanical	
Water storage	gallons	13.2
Size	LxWxh( in )	25.6X17.72X38.58
Noise	dB (A)	≤60
Applicable area	Sq.ft	753
Working current	A	1.45

Parameter	Unit of quantity	Model number
		DR-5000
Air flow	CFM	2647
Voltage/frequency	V/Hz	110/60
Power	W	150
Control mode	Mechanical	
Water storage	gallons	11.9
Size	LxWxh( in )	19.68X15.15X38.97
Noise	dB (A)	≤60
Applicable area	Sq.ft	538
Working current	A	1.45

## 1-YEAR LIMITED WARRANTY

Read all the instructions before attempting to use this product.

1 year parts and labor including sealed system consisting of the compressor, evaporator, condenser and factory connected refrigerant tubing. This warranty applies only to the original purchaser of this product from the original date of purchase.

At its option, SHANDONG HUIDANGJIA ELECTRIC APPLIANCES CO., LTD will repair or replace this product if it is found to be defective in material or workmanship.

Assuming that return or exchange evaporative air cooler for personal reasons (e.g. dislike/inappropriate) by the buyer, the customer shall be responsible for all transportation costs. DUOLANG retains the right to repair or replace (with a new or newly-refurbished replacement product) the appliance at its sole discretion. This warranty does **NOT** apply to the following:

- Products purchased from a source other than an authorized DUOLANG dealer.
- Damage caused by service performed by anyone who is not an authorized services provider of DUOLANG.
- Damage caused by accident, abuse, misuse, water, flood, fire, commercial use for a non-commercial unit, acts of God or any other acts of nature or external causes.
- Damage caused by normal wear and tear of parts that are designed to be replaced, such as dust filters or pure copper motor.
- Damage caused by power failure and improper power supply such as low voltage, defective wiring or inadequate fuses.
- Damage caused by the use of external forces or effects.
- Damage caused by any unauthorized attempts to repair or from any use not in accordance with the instruction manual.

Please review the warranty carefully and if you believe this product to be suffering from a manufacturing fault, or if you have inquiries about this product, please contact our Customer Support.

### CUSTOMER SUPPORT:

Shandong Huidangjia Electric Appliances Co., Ltd

Phone: 86-13583119596

Email: [hdjsmt@163.com](mailto:hdjsmt@163.com)

Web: [www.sdhuidangjia.com](http://www.sdhuidangjia.com)

When contacting our Customer Support, please have the information below along with the proof of purchase. All warranty requests must be accompanied by a proof of purchase, which is a copy of the original receipt.

Model : \_\_\_\_\_

Date of purchase : \_\_\_\_\_

Purchased from : \_\_\_\_\_

**WE HOPE YOU WILL KNOW THE FOLLOWING WHEN USING THE UNIT**

SITUATION	REASON	HOW TO DO
<b>power light not flashed</b>	1: no power 2: maincontrol panel problem 3: fused 4: LCD panel problem	1: get the power supply 2: change the main control panel 3: change the fuse 4: change the LCD panel
<b>Out of control</b>	1: obstruction for the power source 2: obstruction for surrounding 3: LCD panel problem	1: restart the unit 2: clean and away from obstruction 3: change the LCD panel
<b>No wind or wind is too small</b>	1: fan blocked 2: water curtain or filter plugged up 3: fan out of shape 4: maincontrol panel problem	1: check and tight 2: change and clean 3: change the fan 4: change the main control panel
<b>Motor not in control</b>	1: maincontrol panel problem 2: LCD panel problem	1: change the main control panel 2: change the LCD panel
<b>Abnormal noise</b>	1: varia inside the unit 2: fan loose 3: electric motor error	1: take off filter to get varia out 2: tight the fan 3: change a motor

**Remarks:** all the above only for advice, please contact our Distributor if help is needed.

1. Do not operate this evaporative cooler in enhanced cooling power indoors. If using the unit indoors, please turn off humidification and cooling.
2. Use a soft cloth and a mild soap to clean the unit's exterior. Do not use corrosive cleaners or water to clean it. Do not put your hands into the fan blade.
3. Clean it when needed. pull out whole filter screen directly or take out filter screen by unscrewing it, clean the dust filter by rinsing them in water and allow them to thoroughly dry. Cleaning the cooling pad is same. Change the cooling pads every one or two years.
4. The cooling pads have smell of logs when you first use the machine, which is the characteristics of product and harmless to human bodies. It is advisable to add water from the top of the machine and Drain from the outlet then add water. Finally, it will work.
5. Add ice to the top-loading ice compartment. The ice box need to be put into refrigerator before using it.
6. Do not place the cooler's vents towards wall or curtain, otherwise it may block the airflow. It works best in areas with a fresh air supply or outdoors.
7. Drain evaporative Cooler's tank regularly. and clean it at least once a week to prevent calcium deposits and/or mold growth. If the evaporative cooler will not be in use, empty the tank of any remaining water.

The product has applied for the patent, anyone who copies will be investigated into law responsibility!

Tell the world: All copyright reserved, we preserve the right to pursue legal actions against any unit or individual who may reprint.

All rights reserved for changing the design of products, if anything changes, we may not keep you informed on time. Sorry for any inconvenience.

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**Jinan,CHINA**  
**Telephone:400-050-1815**  
**Email:hdjsmt@163.com**

**Health and fresh!**