

Cool & Comfortable
Energy Saving & Environment Friendly

If any other malfunction occurs call the service center below for assistance

CMPI

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 **iwata**

Evaporative Air Cooler



JET-500L

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JE T-500L INTRODUCTION

We sincerely thank you for your trust and support for our products.

Because of the continuous product updates, images shown in this manual may vary from actual unit.

Please carefully read this operating manual before using the unit..

Contents :

<u>Air cooler</u>	<u>1Unit</u>
<u>Operating manual</u>	<u>1Piece</u>

JET-500L COOLING PRINCIPLE

Mobile household air-conditioning fan is a high-tech product, originally from Europe. It's basic principle is as follow:

1. Water pump transport the water from water tank to the water distribution and cooling pad at the same time.
2. Air goes through the cooling pad, water evaporation drives away the surrounding heat and causes the temperature to cool down.

The water continuously keeps the cooling pad's surface wet, the air evenly flows through the cooling pad, absorbing heat from the air, transforming it into cool wind and thus cooling down the room temperature.

The cooling pad can make the wind cool and fresh. The water continuously recycles forming a water cycle. There is a water level indicator at the panel. So when the water level indicator reaches the low water level, please add water.

JET-500L APPLICATION

MANUFACTURING:

Mechanical manufacture, Ceramic, Metal, Textile industry, Foundry industry, Injection molding industry, etc.

PROCESSING:

Mechanical processing, Electronic processing, Printing processing, Rubber, Food processing, Tobacco processing, flowers and so on.

OTHERS:

Staff Dormitory, Office, Schools, Hospital, Waiting Room, Entertainment, Supermarket, Restaurant, Bakery, Kitchen, Golf Course, Living Room, Housekeeping Department, Laboratory, Guesthouses, etc.

JET-500L TECHNICAL PARAMETERS

MODEL	JET-500L
Max Airflow	5000m ³ /h
Voltage/ Frequency	220V/60Hz
Power	220W
Blower Type	Axial-flow type
Water Consumption	4-6L/h
Water Tank Capacity	45L
Overall Size	680×425×1050mm
Weight	20kg
Application Area	20-30 m ²

JET-500L PRODUCT FUNCTIONS

New evaporative cooling pad, energy saving and environment friendly.

Three sides of ventilation design.

Cools the wind to improve the air quality.

Large capacity water tank, for longer operating hours.

Multi-angle wind, fresh and comfortable.

Strong cooling effect.

Manual control, easy to operate.

JET-500L ADDED FEATURES

Mobile JET-500L has these added advantages and other special features:

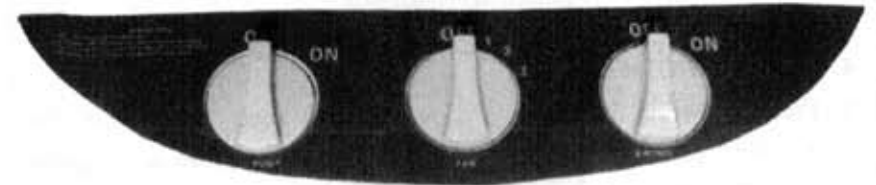
1. Specially designed durable blade and water-proof fan motor.
2. Multi-layered honeycomb fiber cooling pad for better water absorption.
3. The big and thick cooling pad is more advantageous to produce cool wind in a large volume.
4. The control panel is more convenient to use.

JET-500L IMPORTANT REMINDERS

Before using the machine, please read the manual carefully and operate according to these instructions:

1. Use the machine in the following conditions:
 - ① Temperature: 0°C-45°C
 - ② Water Temperature: <45°C
 - ③ Electric voltage must not exceed the required volt (+/-) 5%
 - ④ No surrounding pollution/fumes
2. The circuit of the machine must be properly connected and protect the wire from pest. Do not trample or over-stretch the wire to prevent short circuit or electric shock.
3. Do not use wrong circuit, other wire or metal made of other materials which may cause machine malfunction or explosion.
4. Please do not turn the pump "ON" without water.
5. The fan is connected with the motor directly, no transmission belt is used so there is no need to lubricate.

JET-500L CONTROL PANEL



PUMP SWITCH

FAN SWITCH
-05-

SWING SWITCH

JET-500 L OPERATING INSTRUCTIONS

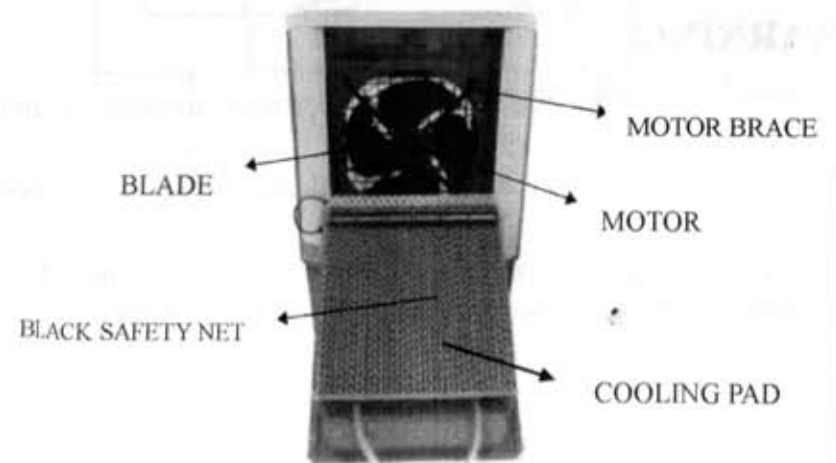
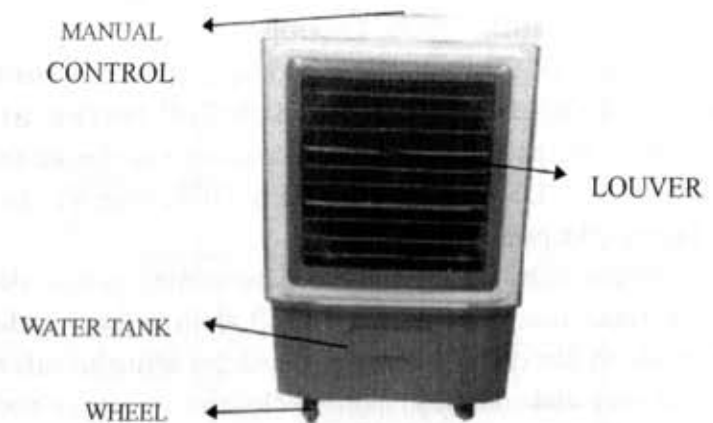
1. Turn "ON/OFF" button.
2. Turn "COOL" button to activate cooling function, water pump will start pumping water to the cooling pad for one minute, then the fan will work.
3. Press "SPEED" for desired speed (Low. Medium. High)
4. Press "SWING" if desired.
5. Press "TIMER" button, if you need to set time. When start the machine, press "TIMER", which means shutting down at a regular time, then press it until "00", which means canceling the function of setting time. Press "TIME", which means starting the machine when you shut down, press it until "00", which means canceling.

JET-500L INSTALLATION

1. Fix the pump on the tank, and using pipe connect the water distributor.
2. Connect the Motor with motor arm and screw on the air outlet.
3. Connect the water tank and casing.
4. Connect wire and install plug.
5. Put on the cooling pad and plastic mesh filter.

-06-

JET-500L PRODUCT STRUCTURE DIAGRAM



-07-

JET-500L CLEANING TIPS

TO ENSURE THE JET-500L RELEASES FRESH AND CLEAN AIR, ALWAYS CHANGE THE WATER WHEN DIRTY AND REGULARLY CLEAN THE FILTER AND THE DUSTPROOF NET.

1. Pull-out the Cooling Pad, Wash the cooling pad under running water but NEVER USE HIGH PRESSURIZED WATER as it may damage the pad. Wash from the inner-side to the outside of pad NEVER USE ANY CLEANER DETERGENT as it may damage the pad.
2. Open the drainage valve to remove remaining water then clean the water tank thoroughly with soft cloth to remove dirt. Also, wash off dirt on the water pump and the drainage valve.
3. Use mild soap and soft clean cloth in cleaning the outer body. USE OF STRONG CHEMICALS THAT MAY CAUSE DAMAGE TO THE BODY IS NOT ADVISABLE.

WARNING

1. Keep away from fire during transportation installation and operation.
2. If a defect arises during operation, please contact the service center.
3. Please use the machine in accordance to the instruction manual. Improper use of the unit will void the warranty.

JET-500L CIRCUIT DIAGRAM

