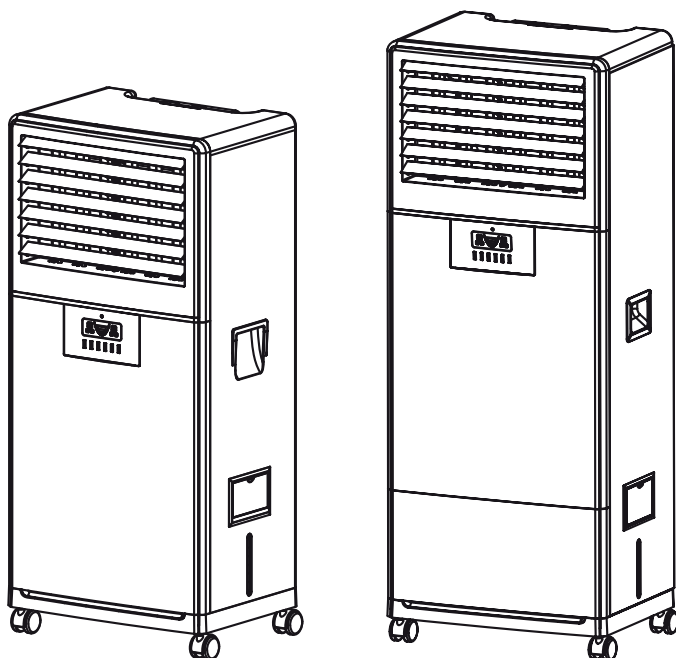




Enfriador evaporativo
Evaporative cooler
Refrroidisseur par évaporation
Climatizador evaporativo

E3500S / E3500XL



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MCONFORT E3500 S / E3500 XL

Security warnings:

This equipment can not be used by children or people with impaired mental faculties if it is not under supervision or who have been instructed in the use of the equipment in a safe way and understand the dangers in which it can derive a bad use of it. Children should not play with the equipment. Cleaning and maintenance of the equipment should not be carried out by children without supervision.

If the power cord is damaged, it can only be replaced by the technical service.

For cleaning or maintenance, the equipment must be disconnected from the electrical network.

Also disconnect it for filling the water tank.

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I. PRECAUTIONS

- Be sure to prevent it from any source of fire.
- Power lines and control lines should be connected correctly. Notice that earth line's section is at least 1,5 mm² and do not share socket.
- Try to make voltage within $\pm 10V$. For air cooler will not start or be on and off repeatedly if the voltage is too low, and it could easily be damaged if being.

II. WORKING PRINCIPLE

The evaporative air cooler cools the air through water evaporation. Its working principle is: circulating pump continuously suck water from the tank, and distribute water equably to cooling pads by water distributor, then water on cooling pads effects with the outside air and evaporate to drop the temperature. Thus we have fresh, cool and clean air.

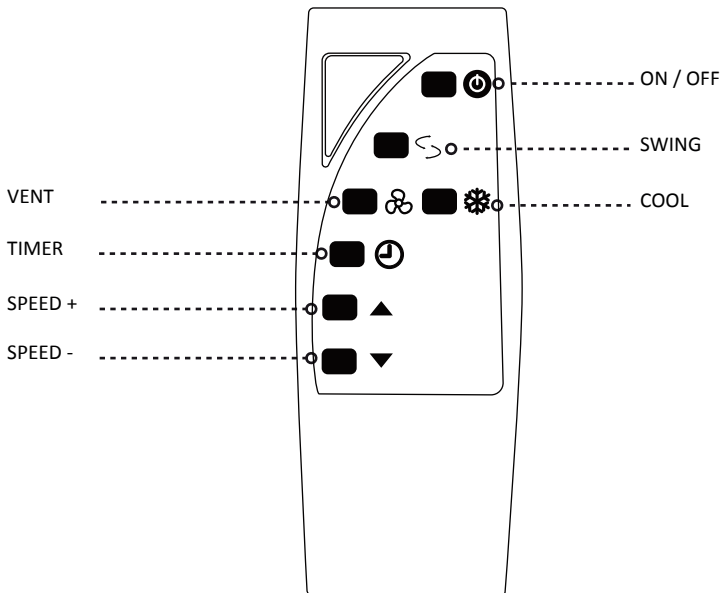
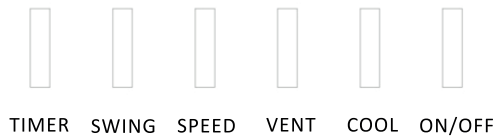
III. APPLICATION AREAS

- Living places such as the staff dormitory, drawing room, kitchen, dining room.
- Public places such as office, meeting room, class room, church and auditorium.
- Business places such as opens type store, supermarket, restaurant.
- Outdoor activity places or places that has heating equipment.
- Entering places.



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IV. CONTROL SYSTEM CONTROL PANEL



REMOTE CONTROL

V. OPERATION GUIDE

Avoid using the evaporative air cooler in a closed area. The unit should be used only in well-ventilated areas.

Before turning on the unit, fill the tank with water to ensure efficient operation of the evaporative air cooler. Avoid operating the COOL function while the water tank is empty. REMARKS: The water level must not exceed the limit of the water level scale.

Drain the water tank and clean the tank frequently.

Fill the tank with clean water only, do not put any other liquid in the tank.

Make sure that the operating voltage is not lower than the normal voltage (220 V) or exceeds 5% of the normal voltage. If the voltage is less than the limit, the air cooler can not work without problems or even turn on. If the voltage is higher than the limit, it can cause damage to the machine.

Remove the plug from the socket when the machine is not in use.

VI. CAUTION

Be careful with spilled water while moving the unit.

Do not place anything on top of this air cooler or obstruct the air inlet and outlet.


Do not insert any object into the ventilation while the machine is running.


Unplug the machine before cleaning to avoid electric shock.

Stop operating this air cooler immediately if it operates abnormally, for example, if the power cord is damaged, there is a loss of electricity and contact our service center for further instructions. It is not recommended that the user disassemble and repair the machine.

VII. INSTRUCTIONS FOR USE


VII.I. ON/OFF.


When in standby, pres ON/OFF or  , the cooler will run as previous mode and speed before shutdown. When first power on, the cooler is default to run mode and low speed. The cooler will run 30s in low speed and then recover to previous running speed before shutdown.

When is running state, press ON/OFF or  , the cooler will enter into standby state. When the cooler is shutdown in cool mode, it will keep running 10s in vent mode with low speed before cooler stops..





VII.II. COOL MODE.

When it vent mode, press COOL or , the cooler will enter into COOL mode with vent icon off.

When in COOL mode,  will flash for water shortage with 5 buzzer “DiDi” sounds. will disappear with 1 buzzer “DiDi” sound when water recovers to standard level.

VII.III. VENT MODE.

When it cool mode, press VENT or , the cooler will enter into vent mode with  off.



VII.IV. SPEED SWITCH.

Press SPEED or  for speed switch.



VII.V. SWING FUNCTION.

Press SWING or  to start or stop swing function.

VII.VI. TIMER ON/OFF.

When cooler is running, press TIMER or  for timer function; when in standby, press TIMER or  for timer function. TIMER ON/OFF can be set between 0,5 - 7,5 hours with timer icon on.

Timer setting steps:

- 1-. When cooler running or in standby, press TIMER or  with timer icon flash.
- 2-. Set timer between 0,5 - 7,5 hours. 0,5 hours will be increased when press TIMER or  every time. 0 means timer function is closed.
- 3-. Timer setting will be saved automatically after 5s with a timer icon.



How to cancel TIMER:

- a-. Set the timer as 0.
- b-. Press ON/OFF when timer icon flashing.
- c-. Press ON/OFF twice (that is to restart) when timer icon on.

VII.VII. PRE-COOL WHEN COOLER ON.

When pre-cool function is set, the cooler will start with pre-cool automatically (first power on or previous shutdown with cool mode). Pre-cool time can be set between 0-4 mins (.5 means 1 min; 1 means 2 min; 1+.5 means 3 mins, 2 means 4 mins)

How to set pre-cool function:

- 1-. When cooler in standby, press COOL 3s then loose with cool icon flash.
- 2-. Press SPEED or  to adjust pre-cool time (press one time to increase or decrease 1 min); SPEED button can be used to set pre-cool time circulary (0-4 mins). can be used to increase pre-cool time (max 4 mins) and  can be used to decrease pre-cool time (0 mins that is pre-cool function stops).

3-. Press COOL to save setting with cool icon off.

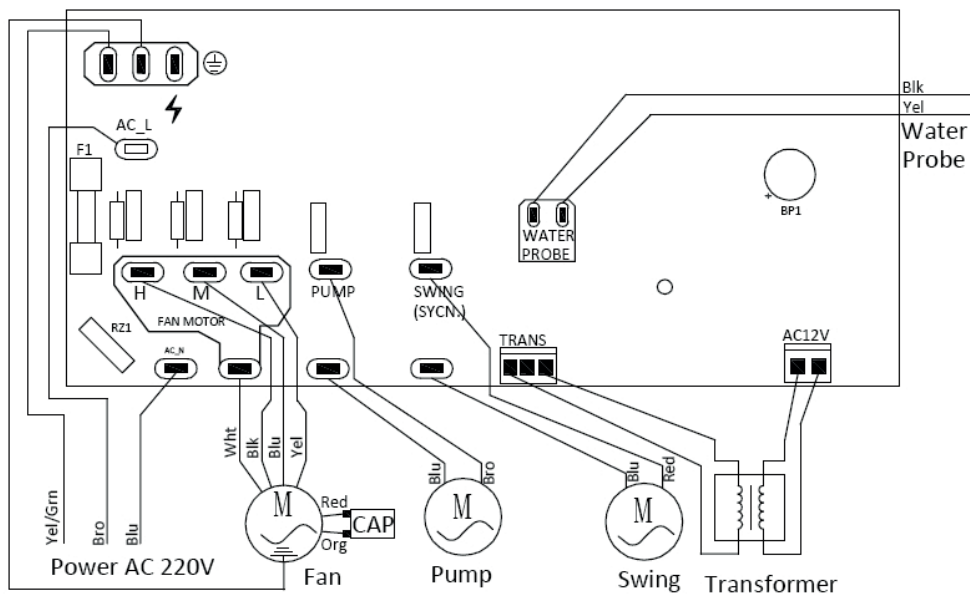
STANDBY STATE.

The cooler will be in stand by state when poweron, with ON/OFF icon light and buzzer “Bi” sound.

Note: when power on, teh ON/OFF icon will keep light no matter cooler on or off.

Note: the cooler will start with pre-cool function when in cool mode if pre-cool is set.

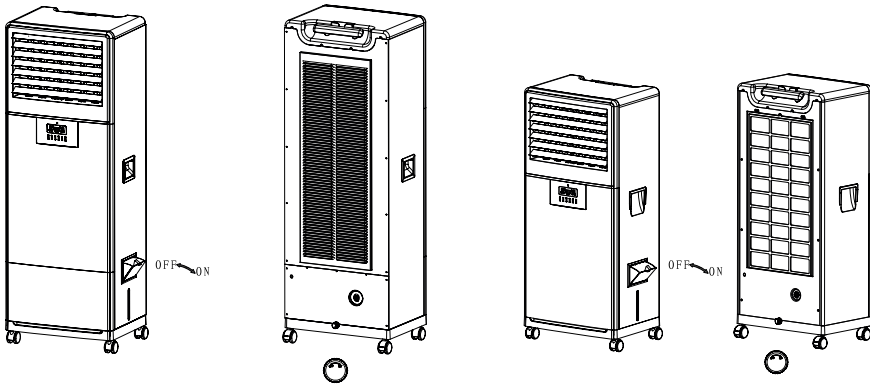
VIII. CIRCUIT DRAWINGS





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IX. GUIDE FOR ADDING WATER AND DRAINING



1-. Adding water:

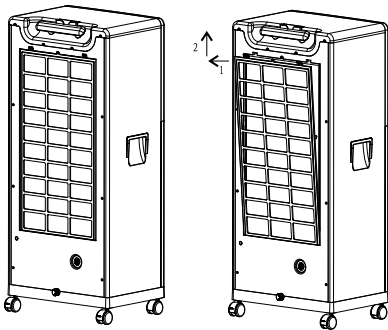
Open the cover as picture. And then add water. By watching the water gauge to make sure whether the tank is full of water.

Note:

- 1-. Please do not splash water to motor and other parts to avoid damage to electron component.
- 2-. Adding water to MAX line is ok, if not water may come out from the cooler.
- 3-. Please add clean water to the cooler.

2-. Draining: Pull out the plug in the bottom.

X. GUIDE FOR INSTALLATION AND DISMONTING OFF BACK PANEL



- 1-. Discharge the screws at the back panel.
- 2-. Press down the clips and pull out the panel.
- 3-. Discharge the screws between the back and front panel.
- 4-. Holding the back panel and pull it out.
- 5-. In reverse the above operation to installation back panel.

XI. TROUBLE SHOOTING

Nº	Problem	Possible cause	Possible solution
1	Air cooler does not work.	Incorrect power connection.	Connect power correctly.
		Fuse burnt.	Reset circuit breaker or replace it.
		Loose electrical connections.	Check all electrical connections.
2	No airflow.	The knob is broken.	Replace it.
		The capacitance is broken.	Replace it.
		The motor is broken.	Replace it.
3	No cooling.	No water.	Add water.
		The knob is broken.	Replace it.
		The pump is burnt.	Replace it.
4	Unpleasant odour.	Dirty water.	Change water and clean the cooling pads.
5	No draining.	Blocked.	Clean the outlet.

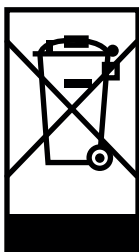
XII. TECHNICAL SPECIFICATIONS

MODEL	MCONFORT E3500S	MCONFORT E3500XL
AIR VOLUME	1.400 m ³ /hr	2.400 m ³ /hr
COVERAGE AREA	50 m ²	50 m ²
POWER	100W	100W
FAN TYPE	CENTRIFUGAL	CENTRIFUGAL
CAPACITY WATER TANK	35 L	35 L
SPEED FAN	3	3
OVERALL DIMENSIONS	138 x 60 x 43 cm	168 x 60 x 43
NET WEIGHT	27,0 Kg	42,0 Kg
REMOTE CONTROL	YES	YES



XIII. MATTERS NEED TO ATTENTION

- 1-**. Air cooler must be installed in the place which is well ventilated and dry to ensure that is bringing 100 % fresh air into the room. It helps cooler make a better cooling;
- 2-**. Please lock the wheels while the cooler operation, avoid cooler sleeking;
- 3-**. The water pump would stop working while the cooler is lack of water. Please add watter in time, do not exceed the highest water line and also power off the air cooler before adding water;
- 4-**. For safety, please do not take out the side panel during the cooler is working;
- 5-**. Please do not extend anything into the air diffuser while the cooler is working;
- 6-**. If the air cooler is used at outdoor, please power off the cooler while it is raining or thundering;
- 7-**. Please power off the air cooler while you do the maintenance;
- 8-**. We advise that please drain the water everyday and do the cleanout for tank, for keeping the fresh air;
- 9-**. Please clean the dustproof and the pads regularly. You can choose clean water and fluff brush for clearance;
- 10-**. Please do not do anything without the laypeople while the air cooler is broken;
- 11-**. If ther would be a long time no using the air cooler, please drain all the water for keeping clean and avoid ice over during the winter.



This seal indicates that this product should not be disposed of together with other household waste in the EU. In order to prevent environmental damage or health problems due to poor disposal, recycle it responsibly. To return your used equipment, contact whoever sold the equipment. They can take care of him responsibly.

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