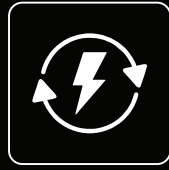


INDIA'S
BIGGEST AIR COOLER
Manufacturing Company

RAJ[®]
AIR COOLER



Powerful
Air Delivery



Energy
Saver



Heavy Body
Structure



Toll Free No.
1800 123 5768

INDEX

Read all instructions carefully before setting up and operating the unit, and please keep this instruction manual for future reference. This manual is designed to provide you with important information needed to setup, operate, maintain, and troubleshoot your cooler. Failure to follow these instructions may damage and/or impair its operation and void the warranty.

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THANK YOU

Thank you!

Dear Customer,
Congratulations!

You are now the proud owner of a Raj Air Coolers.

Innovatively designed, using only the highest quality material and components, your Raj Air Cooler is designed for years of trouble-free performance.

Please read this Instruction Manual carefully before using the product and keep it carefully after reading for future reference.

Best Wishes

RAJ FAMILY

QUICK START GUIDE

Fill with water and plug into standard power outlet.

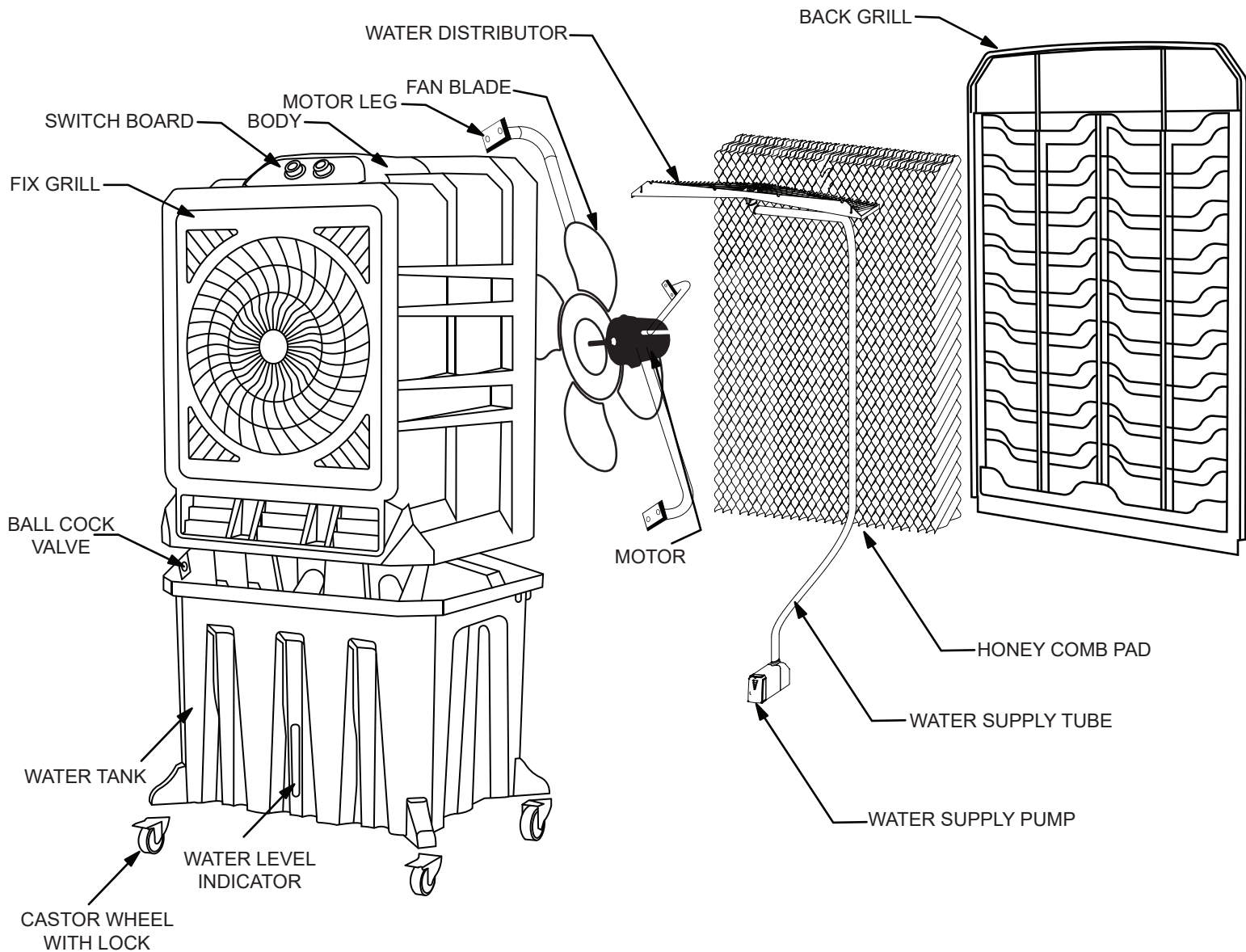
Note: Please make sure that the power outlet is set to correct settings as per product specifications.

Place near open door or window.

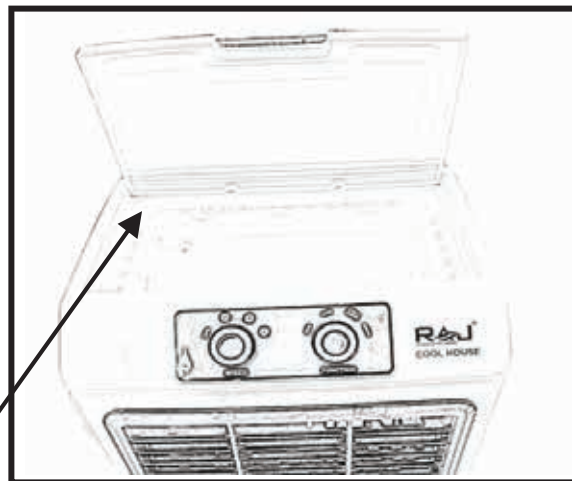
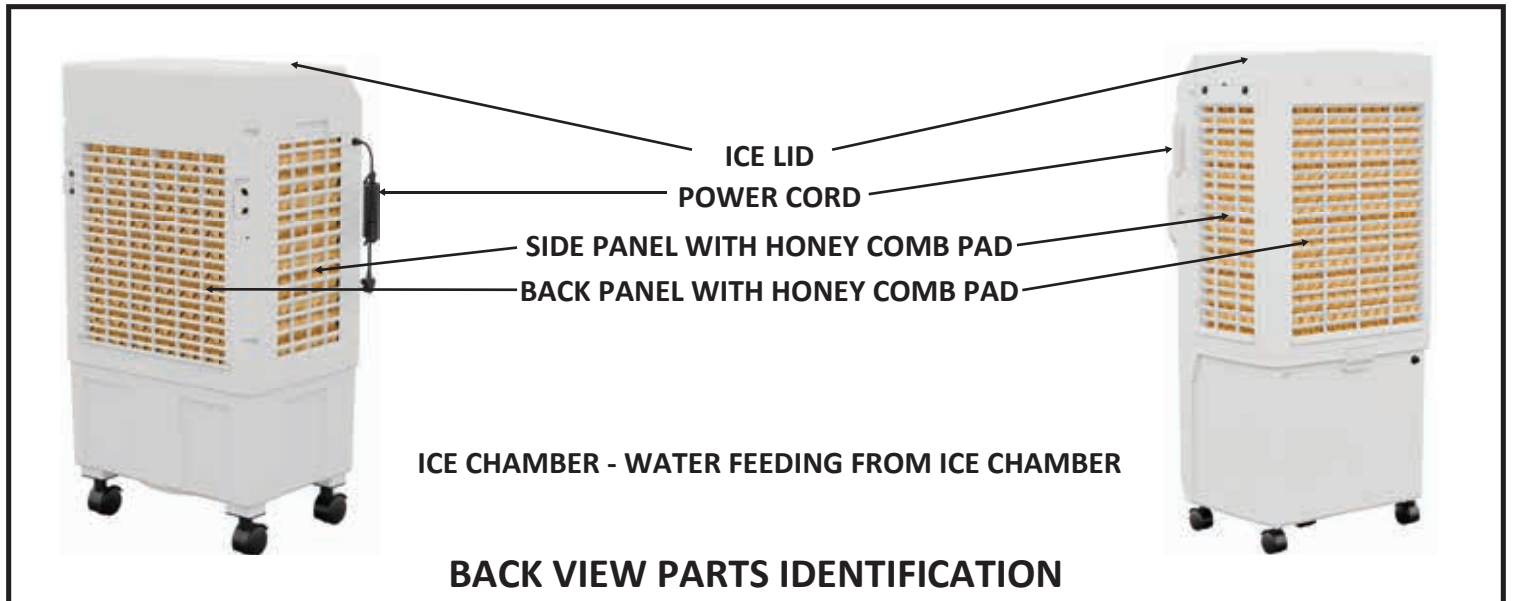
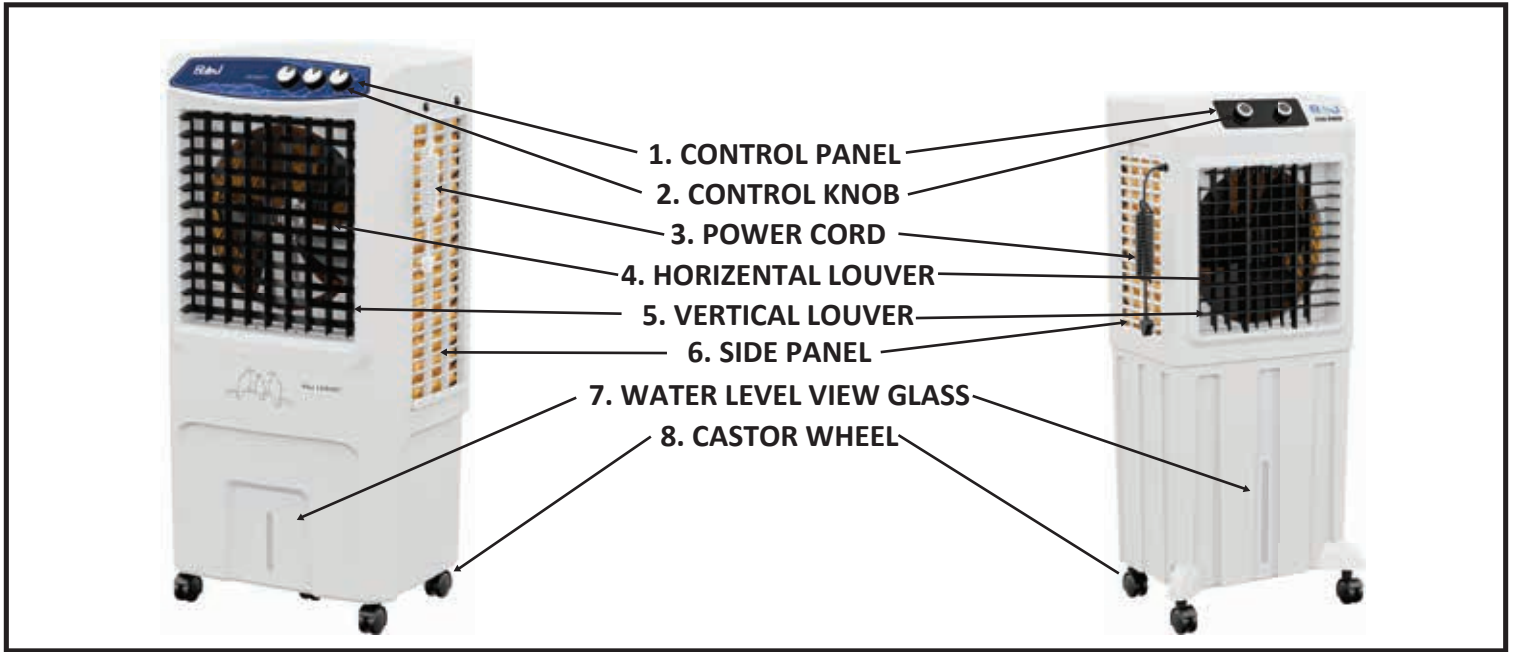
Note: Evaporative Air Coolers work on evaporative cooling mechanism which requires cross ventilation.

Turn ON and enjoy the cooling breeze.

Note: Start with LOW speed and gradually increase to higher speed for optimum cooling performance.



PARTS DESCRIPTION



USE & OPERATION

INSTALLATION

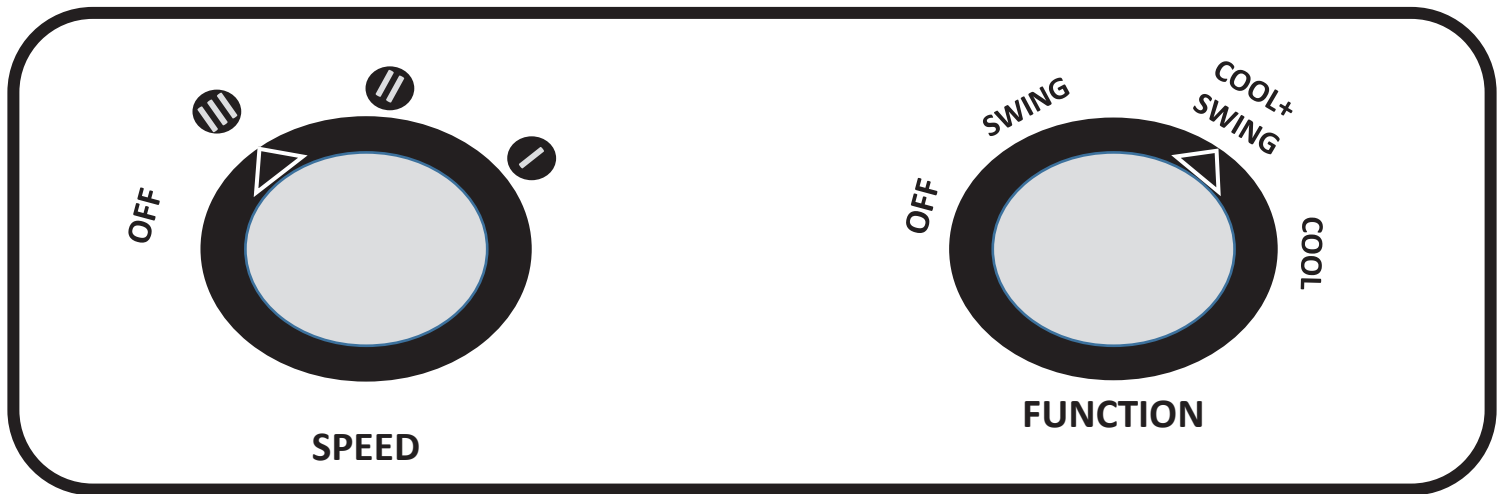
- 1) Place your Air Cooler at least 20 cm away from wall or any other obstruction. The Cooler should be placed near a window/door to allow in fresh air. The Cooler has been provided with inbuilt wheels for easy mobility.
- 2) Always ensure that there is another open window/door through which warm air can exhaust from the room. Constant air change is very essential for fresh air cooling by your Air cooler.
- 3) Plug in the mains cord of your Cooler to a wall socket. Ensure the supply of socket should be in OFF Position while plugging.
- 4) While plug in the mains cord please ensure that phase (L), neutral (N) & Earthing (E) of the mains cord should match with the phase and neutral of the socket as per standard.

GETTING STARTED

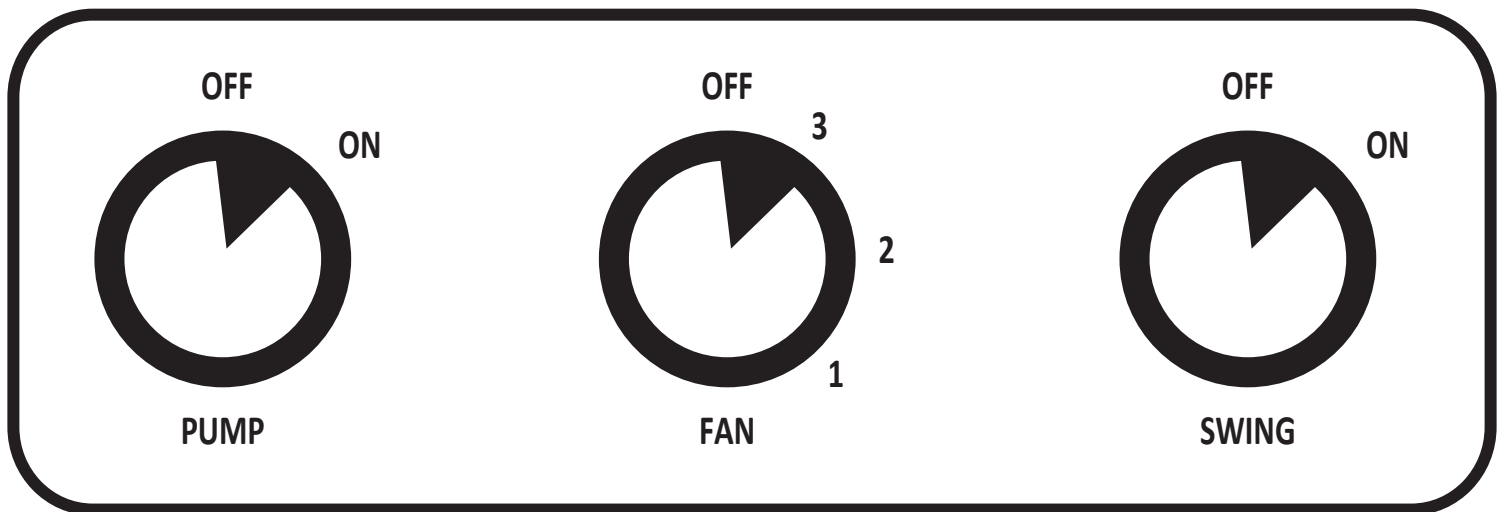
- 1) Install the cooler as per Installation procedure
- 2) FILLING OF WATER: Just fill water tank (as per tank capacity) of your air cooler through the ice chamber. The water level will be viewed through lens. It is advisable to use tumbler / jar to fill the water to ensure no spillage. Ensure the power point is OFF while filling water.
- 3) POWER SUPPLY: Ensure that your Air cooler is plugged into specified Voltage & Frequency outlet and Switch 'ON' the power supply.
- 4) PRE SOAKING: Before putting on the Cooler fan, it is advisable to run pump for few minutes by rotating FUNCTION KNOB, This will ensure uniform Soaking of cooling media & avoid sprinkling of water if any. Soaking time must be 2 to 3 min.
- 5) BETTER PERFORMANCE: For better air blast run the cooler on high speed. Run the cooler on low speed to get better cooling & low noise level.

USE & OPERATION

2 SWITCH CONTROL PANEL



3 SWITCH CONTROL PANEL



CONTROL

- 1) Three speed level can control. High speed at " III " location, Med speed at " II " & Low speed at " I ".
- 2) Three mode of function switch - At 'COOL" mode only sub pump operate. At "COOL+SWING" mode sub pump & swing motor both are operate. At "SWING" mode only swing motor operate.
- 3) In three switch control panel wiring controlling "ON/OFF". motor speed control & function control.

SPECIFICATION

TECHNICAL SPECIFICATIONS

MODEL NAME	MODEL NO.	MOTOR TYPE	RPM/WATTAGE/HP	FAN TYPE	LOUVERS TYPE	COOLING PAD SIZE	TANK CAPACITY	PRODUCT DIMENSIONS
COOL HOUSE	CH-25	SINGLE PHASE 3 SPEED	2600/105W/1/7HP	AXIAL FAN - 12"	MOTORIZED	325 X 38 X 415 MM(BACK) 175 X 38 X 415 MM (SIDE)	25 LTR	430 X 325 X 787 MM
COOL HOUSE	CH-55	SINGLE PHASE 3 SPEED	2600/105W/1/7HP	AXIAL FAN - 12"	MOTORIZED	325 X 38 X 415 MM(BACK) 175 X 38 X 415 MM (SIDE)	55 LTR	430 X 325 X 1067 MM
MIRCHI COOL	MC-25	SINGLE PHASE 3 SPEED	2600/105W/1/7HP	AXIAL FAN - 12"	MOTORIZED	325 X 35 X 500 MM	25 LTR	430 X 352 X 845 MM
MIRCHI COOL	MC-55	SINGLE PHASE 3 SPEED	2600/105W/1/7HP	AXIAL FAN - 12"	MOTORIZED	325 X 35 X 500 MM	55 LTR	430 X 352 X 1035 MM
RAJ LEGACY	RL1004AS	SINGLE PHASE 3 SPEED	1350/185W/1/7HP	AXIAL FAN - 16"	MOTORIZED	485 X 40 X 670 MM (BACK) 248 X 40 X 670 (SIDE)	90 LTR	610 X 475 X 1270 MM
RAJ MYRIAD	RM1004AS	SINGLE PHASE 3 SPEED	1350/185W/1/7HP	AXIAL FAN - 16"	MOTORIZED	485 X 40 X 670 MM (BACK) 248 X 40 X 670 (SIDE)	90 LTR	610 X 475 X 1270 MM
RAJ RIMO	RR1154AS	SINGLE PHASE 3 SPEED	1350/185W/1/7HP	AXIAL FAN - 16"	MOTORIZED	485 X 40 X 670 MM (BACK) 248 X 40 X 670 (SIDE)	105 LTR	610 X 530 X 1346 MM
STELLERFEEL	SF903CLGK	SINGLE PHASE 3 SPEED	950/300W/0.25HP	AXIAL FAN - 22"	FIX GRILL/SWING	770 X 100 X 700 MM (BACK) 280 X 100 X 700 (SIDE)	85 LTR	807 X 500 X 1372 MM
SHIVOLEX	SL1204AG	SINGLE PHASE 3 SPEED	1350/350W/0.25HP	AXIAL FAN - 19"	FIX GRILL	810 X 75 X 875 MM	105 LTR	880 X 650 X 1485 MM
KHALIBALI	KB125	SINGLE PHASE 3 SPEED	1250/400W/1/3HP	AXIAL FAN - 20"	FIX GRILL/SWING	690 X 70 X 755 MM	115 LTR	805 X 550 X 1397 MM
MAHARATHI	MR125	SINGLE PHASE 3 SPEED	1250/400W/1/3HP	AXIAL FAN - 20"	FIX GRILL/SWING	690 X 70 X 755 MM	115 LTR	800 X 555 X 1397 MM
SENAPATI	SP130	SINGLE PHASE 3 SPEED	1400/500W/0.67HP	AXIAL FAN - 24.5"	FIX GRILL/SWING	880 X 75 X 995 MM	120 LTR	940 X 560 X 1499 MM
MILITARY COOL	MC1503AG	SINGLE PHASE 3 SPEED	950/550W/0.75HP	AXIAL FAN - 30"	FIX GRILL/SWING	1100 X 100 X 1180 MM	125 LTR	1130 X 620 X 1626 MM
	MC2803AG	SINGLE PHASE 3 SPEED	950/550W/0.75HP	AXIAL FAN - 30"	FIX GRILL/SWING	1100 X 100 X 1180 MM	275 LTR	1130 X 670 X 1956 MM
	MC1503CG	SINGLE PHASE 3 SPEED	950/750W/1HP	AXIAL FAN - 30"	FIX GRILL/SWING	1100 X 100 X 1180 MM	125 LTR	1130 X 620 X 1626 MM
	MC2803CG	SINGLE PHASE 3 SPEED	950/550W/0.75HP	AXIAL FAN - 30"	FIX GRILL/SWING	1100 X 100 X 1180 MM	275 LTR	1130 X 670 X 1956 MM
ICECOOL	IC70FG	SINGLE PHASE 3 SPEED	1350/200W/0.25HP	AXIAL FAN - 14"	FIX GRILL	520 X 50 X 595 MM (BACK) 195 X 40 X 415 MM (SIDE)	70 LTR	590 X 540 X 1140 MM
ICECOOL	IC70AS	SINGLE PHASE 3 SPEED	1350/200W/0.25HP	AXIAL FAN - 14"	MOTORIZED	520 X 50 X 595 MM (BACK) 195 X 40 X 415 MM (SIDE)	70 LTR	590 X 540 X 1140 MM
RKON	RKON70FG	SINGLE PHASE 3 SPEED	1350/200W/0.25HP	AXIAL FAN - 14"	FIX GRILL	520 X 50 X 595 MM	70 LTR	590 X 540 X 1140 MM
RKON	RKON70AS	SINGLE PHASE 3 SPEED	1350/200W/0.25HP	AXIAL FAN - 14"	MOTORIZED	520 X 50 X 595 MM	70 LTR	590 X 540 X 1140 MM
RAJTHUNDERCOOL	RTC110FG	SINGLE PHASE 3 SPEED	1350/260W/0.35HP	AXIAL FAN - 18"	FIX GRILL	620 X 50 X 705 MM (BACK) 205 X 40 X 445 (SIDE)	110 LTR	705 X 510 X 1310 MM
RAJTHUNDERCOOL	RTC110AS	SINGLE PHASE 3 SPEED	1350/260W/0.35HP	AXIAL FAN - 18"	MOTORIZED	620 X 50 X 705 MM (BACK) 205 X 40 X 445 (SIDE)	110 LTR	705 X 510 X 1310 MM
FIGHTERCOOL	FC110FG	SINGLE PHASE 3 SPEED	1350/260W/0.35HP	AXIAL FAN - 18"	FIX GRILL	620 X 50 X 705 MM	110 LTR	705 X 510 X 1310 MM
FIGHTERCOOL	FC110AS	SINGLE PHASE 3 SPEED	1350/260W/0.35HP	AXIAL FAN - 18"	MOTORIZED	620 X 50 X 705 MM	110 LTR	705 X 510 X 1310 MM

CLEANING & MAINTENANCE

SAFETY PRECAUTIONS

- 1) Always disconnect mains supply before filling water.
- 2) Do not try to fill the water into the cooler when in operation.
- 3) Do not move the cooler rapidly when there is water in the tank.
- 4) Always disconnect mains before opening panels.
- 5) Be particular & careful when using the cooler near curtains.
- 6) Children must not be allowed to operate / play with cooler.

OPERATIONAL CARE

OPERATIONAL CARE :-

- 1) When your Air Cooler is not in operation, make sure to switch all the switches to OFF Position.
- 2) Operate the buttons smoothly
- 3) Do not wipe the cooler with harsh chemicals, scrubbing powder or thinner as they will damage the body.
- 4) Do not keep heavy load on the top of your Air Cooler.
- 5) Do not add any bleaching agents & fragrance content into the water in the tank.
- 6) Before moving or relocating the cooler ensure that the mains cord is unplugged and that the water tank is empty.
- 7) Do not immerse the unit in water.
- 8) Do not use any cleaning chemicals such as detergents and abrasives.

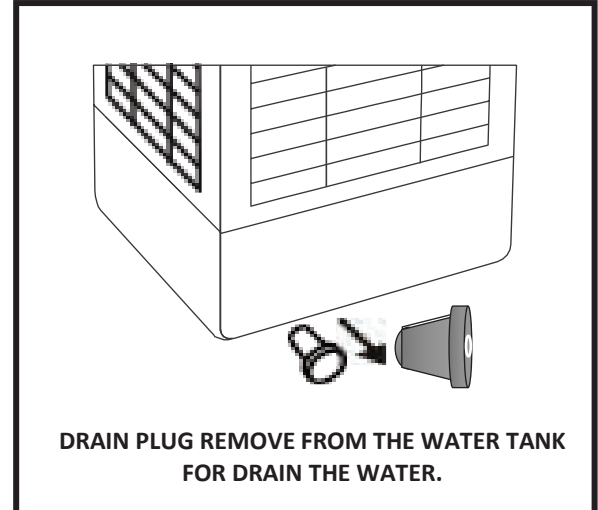
REGULAR MAINTENANCE:

- 1) It is recommended to drain the Cooler and clean the cooling pads every month.
- 2) Replace the HONEYCOMB PAD once in two/three years.
- 3) After the summer season ensure that the water is drained off completely & pads are dried before storage.
- 4) When the product is not in use, store the cooler in a dry place out of direct sunlight.

CLEANING & MAINTENANCE

CLEANING OF COOLER BY DRAINING WATER:

- 1) Turn the power "off" and disconnect the unit from power supply.
- 2) Move the cooler to a location where it can be drained and remove the drain plug from bottom.
- 3) Once the tank is empty, refill with clean water and drain it again.
- 4) This should be repeated weekly to maintain the integrity of the cooler.
- 5) Once the tank is clean, refill the water tank. The unit is now ready to be used again.



TROUBLE SHOOTING

If Air cooler fails to operate, please check the following before calling for service.

- 1) Please check that there is electric supply & earthing connection at the power point by trained electrician.
- 2) Please check that the power point is switched 'ON' and that the plug is in its place correctly. Please check that the controls are set properly.

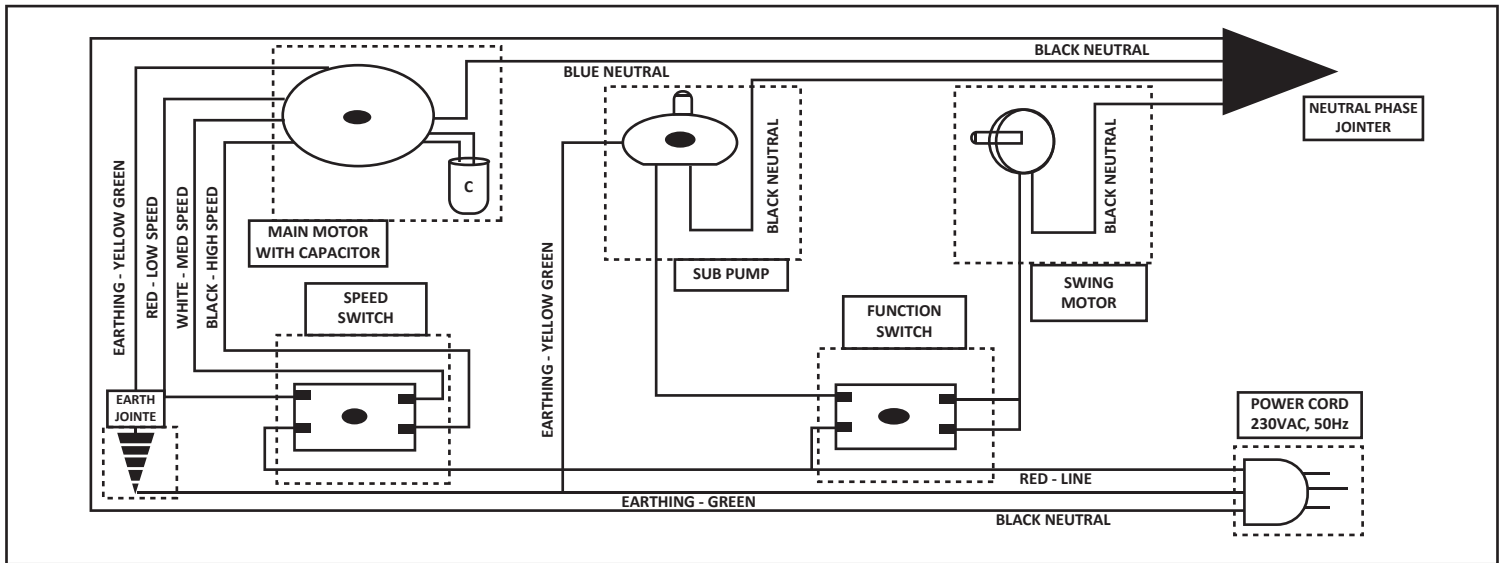
DISPOSAL

- End-of-life disposal of the product should be done through a government authorised reprocess dealer, duly authorised for dealing with used products scrap and recycling.
- The product or its parts must not be disposed in the routine garbage bins.

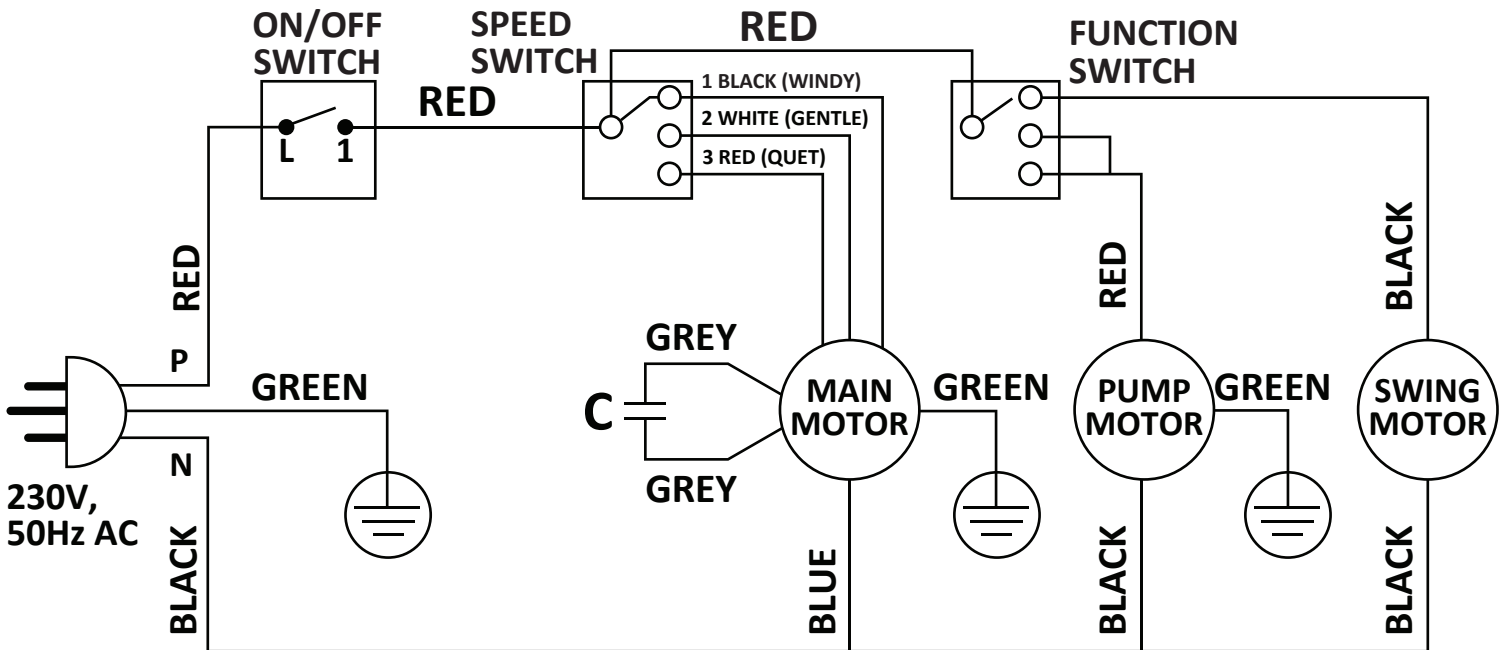


WIRING DIAGRAM

WIRING DIAGRAM (2 Pin Diagram)



WIRING DIAGRAM (3 Pin Diagram)



SERVICE AND WARRANTY

SERVICE AND WARRANTY

This appliance is warranted for one year against all manufacturing defects from the date of sale. In the event of any complaint, please contact your nearest Company Service Centre or call at our Toll - Free no: 1800 123 5768

This Warranty is valid only when...

1. The appliance has not been opened or tempered with, any unauthorized person.
2. The warranty card or cash memo duly signed by the authorized dealer are presented the complaint.
3. The appliance has been installed, used and maintained in accordance with the instructional manual.

This Warranty does not apply for...

1. Damages due to chipping, peeling, plating and denting.
2. Breakage or damage to components made out of Bakelite, Urea, ABS, SAN and such plastic, materials, rubber parts and cord.
3. Normal wear and tear of parts.
4. Damage resulting from accidents, mishandling or negligence on part of the customer.

Liability for consequential loss or damage is neither accepted nor implied.

Bill No. -----

Date -----

Name of the Purchaser -----

Address -----

Phone No. ----- Product Sr. No. -----

Stamp -----
