



KENT RO SYSTEMS LTD.
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Service No.: www.kent.co.in
Made In India



KENT Chimney

Instruction Manual

WELCOME to KENT

Dear Customer,

Congratulations on your purchase and welcome to **KENT**.

At the outset, allow us to thank you for your trust in **KENT Chimneys**.

At **KENT**, we take pride in our reputation for quality products and industry proven performance. We are certain that you will be more than satisfied with your **KENT Chimney** and that it will serve you and your family's requirements without any compromise.

This guide will help you in getting the best out of your appliance. Please go through the booklet to familiarise yourself with operation and maintenance of the product.

With its robust build and quality, you can look forward to years of trouble-free services.

In case you require any further information, please contact your nearest KENT dealer or branch.

Happy Living!

KENT RO Systems Ltd.

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INTRODUCTION

We, at KENT have always believed that a clean and healthy life is a right of every individual. This philosophy has inspired us to develop innovative solutions that enhance the quality of the water we drink, the air we breathe, and the food we prepare. Backed by advanced technology and a robust service network, KENT has built a trusted legacy of delivering products that promote healthier, smarter, and more comfortable living.

Continuing this tradition, we now present the Next-gen KENT Chimney range, thoughtfully engineered to create a cleaner and more enjoyable cooking environment. Equipped with advanced motors, KENT Chimneys deliver powerful suction for effective smoke and odour removal while operating silently and efficiently. With intelligent features such as Gesture Control, Touch Controls, Auto Clean, and an Easy Clean Glass Surface, they combine convenience, performance, and elegant design to make everyday cooking effortless while keeping your kitchen fresh and spotless.

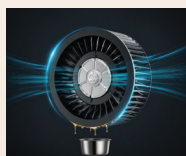
SALIENT FEATURES

- **Advanced BLDC Motor:** Saves energy, minimizes noise, and ensures high suction power for your cooking comfort.
- **Efficient AC Motors:** Delivers powerful suction with reliable performance for your cooking comfort.
- **Powerful Suction:** High-performance suction that quickly removes smoke and odours for a fresh and clean cooking environment.
- **Gesture Control:** Effortless operation with a simple wave, allowing hands-free control for a seamless cooking experience.
- **Touch Control:** Sleek touch interface for precise control, making operation simple, responsive, and effortlessly intuitive.
- **Easy Clean Glass Surface:** Smooth glass finish that resists stains and wipes clean easily. Keeping your kitchen looking spotless.
- **Auto Clean:** Automated I-Smart Auto Clean technology checks for grease buildup after 24 hours of standby and activates cleaning only when required, keeping your chimney grease-free with minimal effort.
- **Advanced Filterless Technology:** Ensures consistent suction with minimal maintenance.
- **LED Light:** Provides clear visibility across the cooktop.



Gesture Controls

allows hands-free control with a simple wave for effortless operations



Advanced Filterless Technology

keeps the chimney grease-free with automated cleaning.



Powerful Suction

efficiently removes smoke, grease and cooking fumes.

ITEMS IN THE BOX

- | | | | |
|-----------------|-------|--------------------------------|-------|
| 1. Chimney Unit | : 1 N | 3. Fixture / Mounting Material | : 1 N |
| 2. Duct Pipe | : 1 N | 4. Warranty Card | : 1 N |

TOOLS REQUIRED

- | | |
|---|---------------------------------------|
| 1. Electric drill with masonry bits | 4. Measuring tape |
| 2. Screwdrivers (Phillips and flathead) | 5. Wall anchors (provided in the box) |
| 3. Spirit level | |

KNOW YOUR PRODUCT

BLDC Chimneys



KENT NEXO BLDC CHIMNEY C1
(Curve Glass Design)



KENT LEXA BLDC CHIMNEY S1
(Inclined Fixed Slant Design)



KENT TREX BLDC CHIMNEY T1
(T-Shape Glass Design)



KENT STAX BLDC CHIMNEY S2
(Inclined Openable Flap Design)



KENT AERIS BLDC CHIMNEY D1
(Cube Design)

AC Chimneys



KENT MAXI AC CHIMNEY C5
(Curve Design)



KENT ENSO AC CHIMNEY T5
(T-Shape Design)



KENT AMBER AC CHIMNEY T6
(T-Shape Glass Design)

Note: Images are only for reference purpose, actual product and components might differ in terms of shape and design.

PRE-INSTALLATION CHECKLIST

1. Ensure the wall above the cooking range is structurally sound and capable of supporting the chimney's weight.
2. Plan the duct routing to the nearest exterior wall or ceiling outlet for maximum efficiency.
3. The chimney should be installed directly above the cooking hob/stove, centred horizontally.
4. Recommended installation height: Must be 750 mm above the top of the gas burner / hob.
5. Ample space (usually about 5 -10 mm) should be left on both sides of the chimney while building the cabinet. The board that covers the chimney chamber should be removable for the maintenance & convenience. Installation of exhaust duct opening via cabinet or chimney-type (where applicable)
6. Make sure that the supply voltage ratings correspond with the specifications provided in the Product Declaration page. Ensure proximity to an electrical outlet (220-240V AC, 50Hz).
7. The chimney should not come in contact with the inner/outer gas piping to prevent risk of electric shock.
8. The chimney should not be installed in a space with too much air convection to ensure hood's effectiveness is not affected.
9. The distance from the exit of the smoke pipe to the chimney air suction panel should not be too long, ideally 1.5 m apart.
10. Keep the chimney level straight with the help of spirit level.
11. When boring holes, avoid power cord inside the wall so as not to get an electric shock.

INSTALLATION PREPARATION

1. **Determining the location:** Install the chimney horizontally above the stove.
2. **Installing the cladding:** Use stencil provided with unit, adjust the levelling of it with help of spirit level paste it on the wall, then bore the holes as marked in stencil and Insert the wall plugs into the holes and hang the board onto the wall plugs, tighten screws.
3. **Exhaust duct (if applicable):** Ensure there is an opening of 160 mm at the end of the exhaust duct and the duct will be emitting the smoke to outdoors from here. The connection part must be tight to ensure the smoke does not flow back causing health hazards.

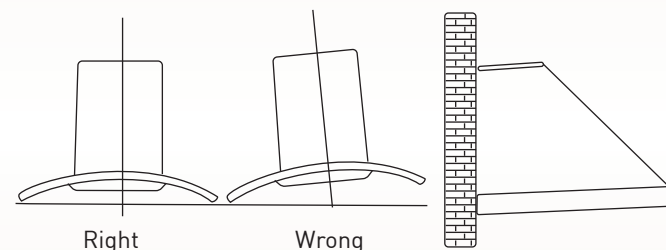
INSTALLATION

1. Insert the exhaust duct directly to the chimney at the back of motor housing.
2. Install exhaust pipe, ensure there is no bulging part, all connection parts are tight.

3. Install cover, adjust according to requirements and positioned it with wall plug screws.
4. Install the oil filter collector.
5. Plug in power cord.
6. Power plug must be earthed and do not change the power cord.
7. After installing the chimney, turn on the main power and check that the function buttons "light", "+", "-", "on/off" and "turbo" are working properly.

After installation, carefully check that the chimneys has been installed in a straight line.

Kindly check the following picture for reference in this regard.



OPERATING INSTRUCTIONS

These chimneys are operated with a **gesture control** and a **feather touch control panel**.

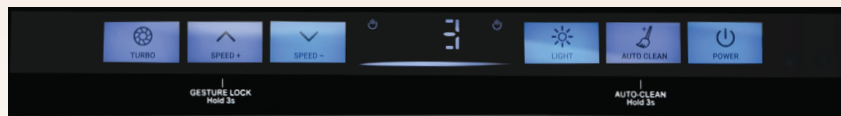
BLDC Chimneys



AC Chimneys



TOUCH CONTROL



Power On

- Switch on the chimney and touch the **Power** (⏻) button once to activate the control panel.
- The panel will illuminate with a power-on sound.

Note: The **Power** and **Light** icons glow **blue**. All other icons remain **white** until selected.

Power (⏻)

- Touch the **Power** button to start the chimney at **Speed 1**.

Light (☼)

- Touch the **Light** button (☼) to switch the lights **ON**.
- Touch again to switch the lights **OFF**.

Speed Increase (⬆)

- Touch to increase the fan speed from **low to high**.

Speed Decrease (⬇)

- Touch to decrease the fan speed from **high to low**.

Turbo Mode (⚙)

- Touch the **Turbo** button to run the hood at **Speed 4** (maximum speed) for **2 minutes**.
- To continue at maximum speed, activate **Turbo** again after 2 minutes.

Gesture Lock

- Touch and hold the **Speed Increase** (⬆) button for **5 seconds** to lock the gesture control function and place the hood in standby mode.
- Repeat the same action to unlock and reactivate gesture control.

Auto-Clean (🧹)

- Touch and hold the **Auto-Clean** (🧹) button for **3 seconds**.
- The hood will heat for **9 minutes**, followed by automatic motor operation at **Speed 4** for **1 minute**.

Delay Function

- While the hood is operating, touch the **Power** (⏻) button once more to activate the **1-minute delay shut-off** function.

Note: “CL” displayed on the panel indicates **Gesture Lock** (not Child Lock).

GESTURE CONTROL

Control your chimney with simple hand movements—no physical touch required. This feature ensures smooth operation even when your hands are wet, oily, or greasy.

How to Use

- Hold your hand approximately 50 mm in front of the gesture sensor.
- Use clear left-to-right or right-to-left hand movements to operate the hood.

Functions

Power On

- Swipe your hand from left to right.
- The chimney and lights will switch on.

Increase Speed

- Swipe from left to right to increase the fan speed.
- Repeat the gesture to increase the speed further.

Decrease Speed

- Swipe from right to left to decrease the fan speed.
- Repeat the gesture to decrease the speed further.

Delay Shut-Off / Power Off

- When the chimney is operating, swipe from right to left repeatedly until the hood enters Delay Mode.
- Repeat the same gesture once more to switch the chimney **OFF**.

Note: For best performance, ensure the gesture sensor area is clean and unobstructed.

AUTO-CLEAN

Your chimney is equipped with an oil collector tray that captures excess oil and grease drawn in during cooking.

Over time, some grease may accumulate inside the hood. To maintain optimal performance, the built-in I-Smart Auto Clean function (I = Intelligent) uses an internal heating element to loosen grease deposits, allowing them to drain into the oil collector tray for easy cleaning.

The system automatically detects grease buildup and activates the Auto Clean function when required. If the chimney is not operated for 24 hours, it enters standby mode and checks for grease deposits. Auto Clean is activated only when grease buildup is detected.

Benefits of Auto-Clean

- Helps remove built-up grease from inside the hood.
- Maintains efficient suction performance.
- Reduces manual cleaning effort.
- Extends the life of the chimney.

Note: For best results, clean the oil collector tray regularly.

How to Use Auto-Clean:

- Make sure that the chimney is in stand-by mode. Now touch the "Auto-Clean" i-button for 3 seconds on the panel.
- A reverse timer of 9 minutes will get activated and the light for auto-clean will start blinking.
- After the special heater has worked for 9 minutes, the fan will automatically 'start operating at the 4th speed for 1 minutes.
- Most of the grease present within the chimney will get evaporated and blown out of the air-outlet, any remaining grease will get drained out into the oil collector tray, located at the back of the filter.
- The auto-clean function will stop operating at the end of 10 minutes.
- Wait for a moment and then carefully remove the oil collector tray ensuring that you do not spill the grease.
- Drain the collected grease into a sink and clean the oil collector tray with a soft cloth.
- Fix the oil collector tray back at its place by sliding it in the rails at both the ends. Ensure that the tray is fixed properly.
- Your chimney is clean as new from inside now.

DELAY FUNCTION

A unique "Delay" shut-off function has been provided in this chimney. Once the cooking is over, instead of switching off the appliance, touch the "On / Off button or put your hand up in front of the sensor area and move from left to right. A reverse timer of 1 minute will get activated and the cook hood will shut itself off after the end of this 1 minute. Further if you touch the 'On / Off' button or move your hand from left to right twice, the chimney will be turned off at once.

DO'S & DON'TS

- Chimney should be used only for domestic purpose as per the directions given in the User's Guide.
- In case the chimney is installed in the under construction Kitchen, it is advisable to install the Chimney, test it and then again remove the same and pack in the box. And if the Chimney is left unattended, paints, chemicals, dust & moisture may accumulate. If not cleaned in a timely manner, it may result in rust formation which will not be covered in the warranty.

- Before using the chimney for the first time please ensure that all plastic films are removed.
- No flame based cooking should be done below the chimney.
- While frying, do not leave the cooking oil unattended as it may flare up and cause a fire.
- Clean all the oily residues from the surface frequently to avoid fire.
- When performing maintenance operations, disconnect the plug from the socket.
- No repair work should be carried out by any unauthorized person.
- Do not allow children to operate the chimney.

MAINTENANCE

Before performing any maintenance operations, disconnect the plug from the socket.

Regular Cleaning

1. Clean the surface of outer shell every three days. Clean the oil on grill/filter regularly.
2. Full maintenance shall be done every half year. It should not be performed by non-professional personnel.
3. While doing internal maintenance, the following steps shall be followed:
 - Shut off power supply.
 - Take off the filter and clean it with a soft brush. Put it back in place after drying for next maintenance.
 - Pull out smoke cover obliquely upwards. Unscrew air inlet cover and air frame and take it off. Loosen the knob clockwise. Hold the wheel axle and pull out the impeller. Immerge the impeller into cleaning fluid for around 10 minutes.
 - Clean the oil on impeller with soft brush. Non-professional personnel are not allowed to implement.
 - Put impeller back in place. Tighten the knob counter clockwise. Then install air inlet board, air inlet cover and smoke cover in order.
 - To keep the range hood working in good condition for long term, please carry out maintenance regularly.

MONTHLY CLEANING FOR GREASE FILTER

Essential: Clean the grill every month to prevent any risk of fire.

The grill collects grease, smoke and dust, so the filter is directly affecting the efficiency of the chimney. If not cleaned, the grease residue (potential flammable) will accumulate on the filter. Clean it with household cleaning detergent.

TROUBLESHOOTING

Problem	Cause	Solution
Light does not light up; chimney is operating	▪ Bulb is burnt out ▪ Wire connection problem ▪ Circuit board problem	▪ Replace bulb ▪ Call for maintenance service ▪ Replace the circuit board
Glass flap cannot be opened	▪ Synchronizing motor problem ▪ Gate control problem or connection problem ▪ Circuit board problem	▪ Replace the motor ▪ Replace the gate ▪ Replace the circuit board
Light does not light up; chimney not operating	▪ Overheating causes the chimney to shut down automatically ▪ Capacitor is burnt out ▪ Circuit board problem; control panel problem; gate-control problem	▪ Wait for a while and try it again ▪ Replace the capacitor ▪ Call for maintenance service
Chimney vibrates; noise level is high	▪ Chimney is not installed/ hooked properly ▪ Connecting screws are loose ▪ Cladding screws are loose ▪ Blower is not fix properly	▪ Hook it properly ▪ Tighten the screws ▪ Tighten the screws ▪ Re-fix it
Suction power is not strong	▪ Blower is damaged; balancing weight is missing ▪ Chimney is installed too high ▪ Air convection is too strong or room is too stuffy ▪ Smoke pipe is too long ▪ Wind outside is too strong	▪ Replace blower ▪ Re-install it ▪ Reduce air convection or open window/door ▪ Install according to instruction ▪ Install a shade over the opening of the smoke pipe
Glass flap cannot be closed	▪ Gate control short circuit	▪ Change the gate control power supply. Change control panel
Creepage	▪ Jacks are not properly earthed	▪ Call for maintenance service
Power "on/off" does not light up	▪ Power plug is not connected properly ▪ Power cable short circuit ▪ Circuit board problem	▪ Call for maintenance service ▪ Replace the power cable ▪ Replace the circuit board

TECHNICAL SPECIFICATIONS

Series	Shape / Design	Sizes Available	Suction (m3/hr)
KENT TREX BLDC CHIMNEY T1	T-Shape (Straight)	60 cm	1700
		75 cm	1800
		90 cm	1900
KENT NEXO BLDC CHIMNEY C1	Curved	60 cm	1700
		75 cm	1800
		90 cm	1900
KENT LEXA BLDC CHIMNEY S1	Slant Fixed Glass	60 cm	1400
		75 cm	1500
		90 cm	1600
KENT STAX BLDC CHIMNEY S2	Slant Flap (Incline 3G)	60 cm	1700
		75 cm	1800
		90 cm	1900
KENT AERIS BLDC CHIMNEY D1	Cube	60 cm	1500
KENT MAXI AC CHIMNEY C5	Curved	60 cm	1400
		90 cm	1400
KENT ENSO AC CHIMNEY T5	T-Shape	60 cm	1400
		90 cm	1400
KENT AMBER AC CHIMNEY T6	T-Shape Glass	60 cm	1400
		90 cm	1400

Note: KENT RO Systems Limited is registered under the Plastic Waste Management (PWM) Rules, 2022 with EPR authorization No. BO-29-UTT-04-AADCK0743L-23 (Brand Owner) & IM-20-000-09-AADCK0743L-23 (Importer) for Category-II plastic packaging (thickness above 50 microns).