



WARNING

WARNING — THE INSTALLATION MUST BE CARRIED OUT BY A QUALIFIED ELECTRICIAN.

1. Rangehood fans can only be installed by qualified technicians
2. Ensure the location in which this appliance is installed has good, permanent ventilation
3. Clean ventilation fans frequently. DO NOT allow grease to accumulate on the fan or the filter
4. Turn OFF power at the service panel before servicing, cleaning or replacing to a new rangehood fan

Application Notice

1. It is dangerous to modify any part of this appliance. The manufacturer declines all responsibility in case of failure to adopt proper safety measures. In ducted mode, there must be one or more permanent air inlet. The air collected must not be discharged into a duct used to blow off smoke from other appliances fed with electricity. The distance between the bench to the lower part of the hood must NOT be less than 60 cm. Use an electrical connector with earth that is correct for your location. Check the voltage in your area and see if it corresponds to the appliance as indicated on the rating label. DO NOT connect the hood to a duct that carries combustion fumes (i.e. fireplaces)
2. The air must NOT be discharged into a flu that is used for exhausting fumes from appliances burning gas or other fuels (not applicable to appliances that only discharge the air back into the room). There shall be adequate ventilation of the room when the rangehood is at the same time as appliances burning gas or other fuels (not applicable to appliances that only discharge the air back into the room)
3. This product is designed for household use only and should never be used for commercial applications. After use, always ensure that all controls are in the "OFF" position. When frying over a gas flame, take particular care not to allow the oil or grease in the pan to catch fire
4. Clean the grease filters often (at least once a month). Heavy oil deposits are a fire hazard. Hood surface should be cleaned with soft cloth and non-corrosive detergent. NEVER ATTEMPT TO REPAIR THIS APPLIANCE BY YOURSELF. ALWAYS REFER TO QUALIFIED SERVICE TECHNICIANS
5. For your safety, insist on original parts. Always switch off the electricity and unplug the connection before conducting maintenance or cleaning. Ensure the electric cord is not exposed to heat, chemicals or sharp objects. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a problem
6. Depending on your requirement, this appliance can be configured to operate in the ducted or recirculating modes:
DUCTED MODE — Fireproof ducting system of 150 mm diameter vent the fumes through a suitable outlet. In the ducted mode, only the aluminum grease filters are installed. RECIRCULATING MODE — Fumes are filtered for grease and odour through the aluminum grease filters and the charcoal filters respectively and reintroduced into the kitchen environment. In the recirculating mode, both the aluminum grease filters and the charcoal filters should be installed. The hood is equipped with a 3 or 4 speed mechanical / electronic control. Use the low speed for simmering, medium speed for light cooking. Use the high speed for frying or heavy cooking
7. Electrical connection MUST be made only in accordance to the local standards and laws. Ensure that the electrical supply complies with the setting on this appliance, otherwise, DO NOT connect. The electrical connection of this appliances MUST be earthed. If unsure, check with a qualified electrician. Colour code goes like this: Green & Yellow = GROUND | Blue = NEUTRAL | Brown = LIVE. Ensure that the power supply cord is free from any heat source or sharp objects.
8. The replacement lamp must NOT exceed 20W. The replacement LED lamp must NOT exceed 1.5W / 7W

CAUTION

PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCES.

Electrical products can cause death or injury, or damage to property.

If in any doubt about the installation or use of this product, consult competent technicians.

CLEANING & MAINTENANCE

Surfaces

Wash with warm soapy water and a soft sponge. Never use abrasive detergent, scouring pads, steel wool or solvents on any part of this appliance as this will cause irreparable damage.

Charcoal Filters

(Only in recirculating model) Charcoal cannot be reused. They MUST be replaced with the appropriate types once a year depending on the frequency of appliance usage.

Aluminum Grease Filters

Wash in the dishwashers or soak the panels in a degreasing agent for an hour, then rinse off and dry before reinstalling

For the rangehoods to function effectively, regular maintenance is a must. Clogged filters restrict airflow and may cause the motor to overheat.



ALWAYS SWITCH OFF AND UNPLUG FIRST.

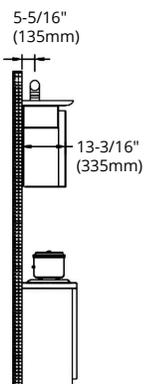
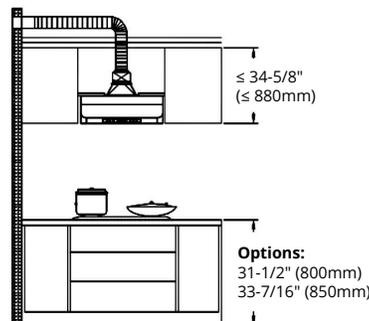
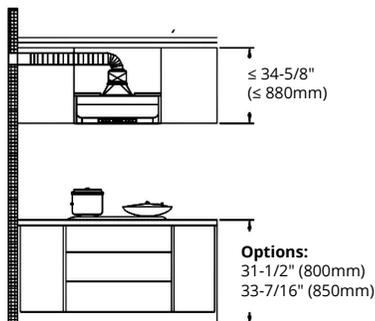
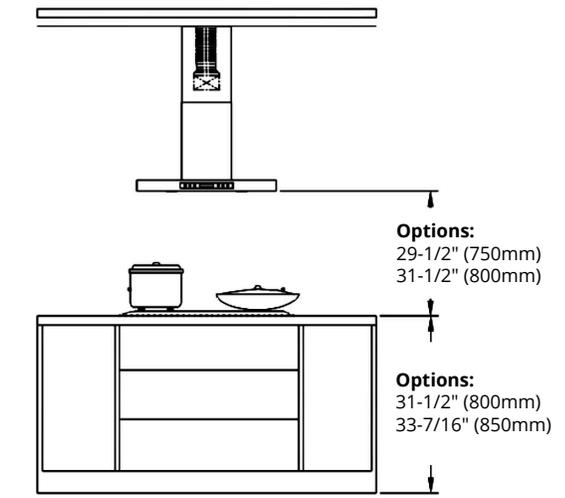
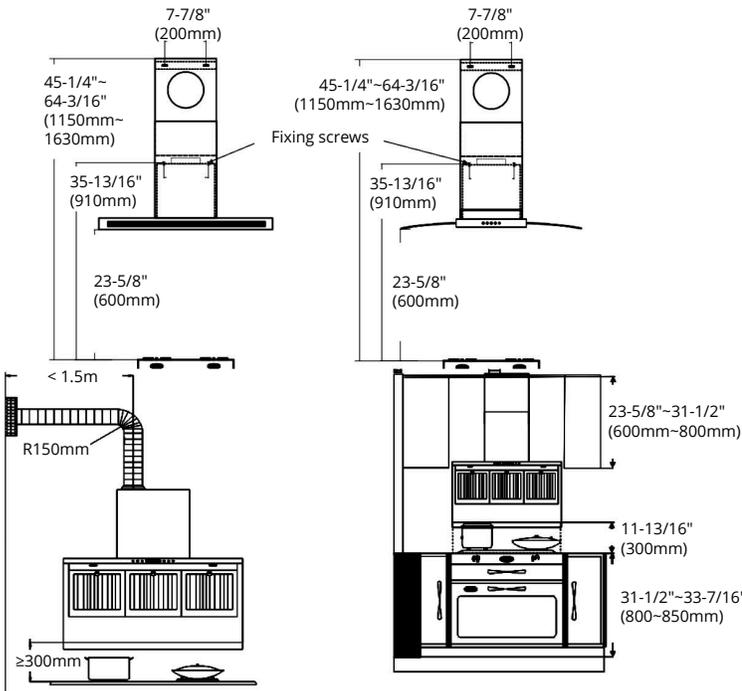
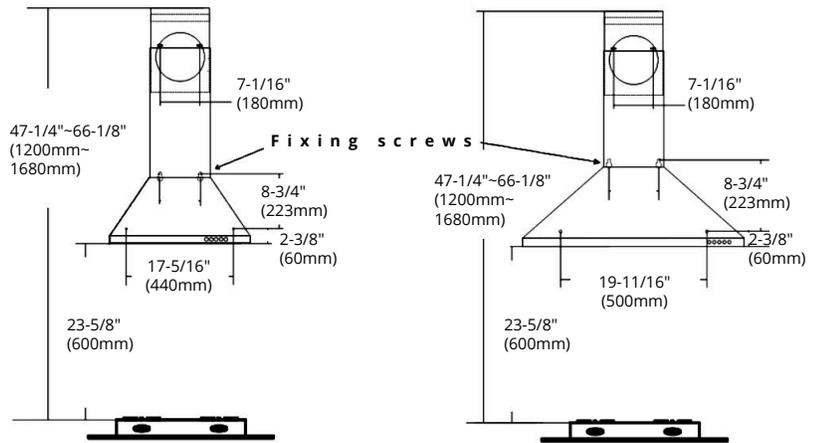
INSTALLATION GUIDE

Use suitable bolts to mount the appliance on a secure surface. The minimum distance between the bottom of the rangehood and the cooking surface shall be at least 65cm. When the range is located above a gas appliance, the recommended distance must be considered.

The location of the installation must have permanent openings for ventilation. Regulations concerning the exhaust of air must be respected. It is strongly recommended that the hood be installed directly over the cooking area.

It is better not to install the exhaust in the direction of the wind. This can cause the exhaust to be returned into the house outlet of the pipe in the wind direction, which can prevent the exhaust air from flowing backwards.

Fasten the components for the exhaust outlet with screws. To ensure proper exhaust, make sure the pipe is bent as few times as possible. Good ejection of exhaust air, the pipe must not be bent too many times.



INSTALLATION GUIDE

For Towel Model

1. Put the inner chimney into upper chimney. Then, pull the upper chimney upwards. Adjust to reach the height required
2. Fix the lower chimney with 24x8mm screws (see fig.1 below)
3. Sliding the chimney to adjust the chimney height. When the height you required is reached, then fix 24x8mm screws into the "Plate I" holes as shown in fig.2 below
4. Drill 2x8mm holes to accommodate the "Plate II". Screw and tighten the plate into the wall with 2 screws provided (see fig.3 below)
5. Assemble the chimney into the unit and fix it with 2 screws (see Fig.4)

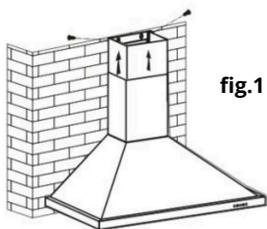


fig.1

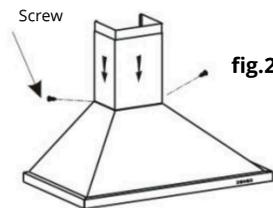


fig.2

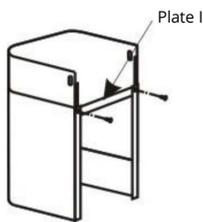


fig.3

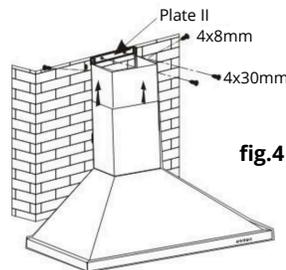


fig.4

Ceiling Mounting Installation

1. Position the hanging plate on the ceiling and then mark the position of the screw holes. The hanging plate should be securely fixed to the ceiling. 11 x ST6 (40mm) screws are for wooden ceiling and 8 x expansion bolts are for cement ceiling (see fig.8 on the right)
2. Fix the angle bars to the hanging plate using the 8 x M5 screws (also see fig.9 on the right)
3. Extend the angle bars to the required height and then fix them in position using the 16 x M5 screws and nuts with metal washers. The angle bars must have an overlap of AT LEAST 100mm
4. If your cooker hood is going to be used in extraction mode, then you should connect the ducting hose to the ceiling adapter at this point. Fix the upper chimney section to the hanging plate, using the 4 x self-tapping screws. Slide the lower chimney section onto the angle bars and raise it until it sits just below the upper chimney section (see fig.10)
5. If the glass canopy has not been pre-assembled by the factory, then it should be fixed to the top of the main body of the cooker hood at this stage (also see fig.11 on the right)
6. Lift the main body of the cooker hood onto the angle bar and then fix it into position using the 16 x M5 screws. This stage of the installation process MUST be completed by two people. The 16 x M5 screws MUST be securely tightened (also see fig.12 on the right)
7. If you are going to be using the hood in extraction mode, you should fix the ducting hose to the spigot (also see fig.13 on the right)

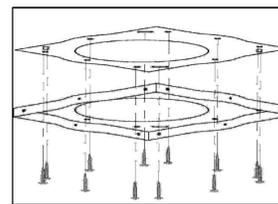


fig.8

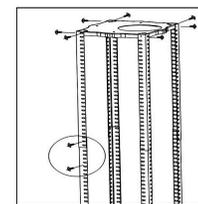


fig.9

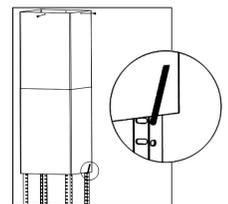


fig.10

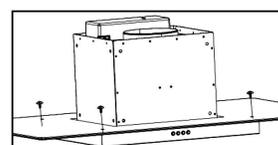


fig.11

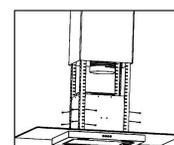


fig.12



fig.13

Installation for Vent Inside

1. If you do not have an outlet to the outside, exhaust pipe is not required, and the installation is similar to the one show in section "Installation (Vent outside)". Activated carbon filter can be used to trap odours (see fig.5 below)
 2. In order to install the activated carbon filter, the grease filter should be detached first. Press the lock and pull it downward (see fig.6 below)
 3. Plug the activated carbon filter into the unit and turn it in clockwise direction. Repeat the same on the other side (see fig.7 below)
- Make sure the filter is securely locked. Otherwise, it would loosen and cause dangerous
- When activated carbon filter attached, the suction power will be reduced

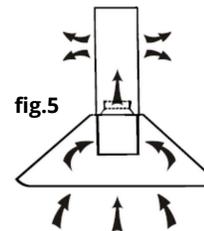


fig.5

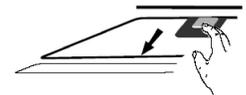


fig.6

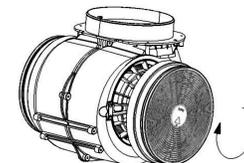


fig.7

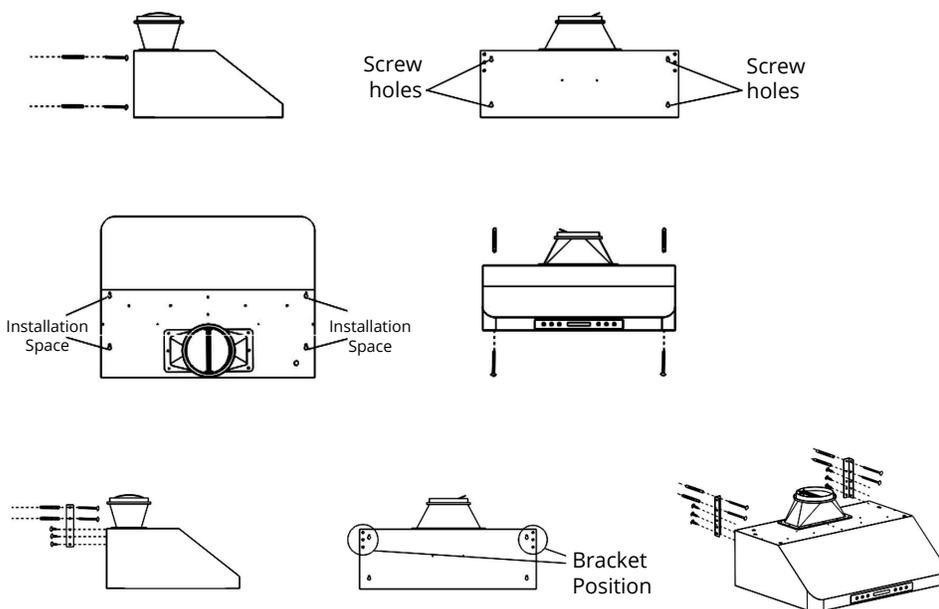
Close

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Ceiling Mounting Installation

- The electrical connection must correspond to the electrical requirement noted on the rating plate, which is placed inside the cooker hood. The appliance should now be connected to the electrical supply
- Check that the appliance is operating correctly by selecting each speed and switching the light bulbs on and off
- Remove the hanging hook and then slide the lower chimney section downwards until it rests against the main body of the cooker hood
- Use a stainless steel cleaner and polish on the stainless steel section of the appliance
- If you are using the appliance in recirculation mode, then you should now fit the carbon filter. See the FITTING THE CARBON FILTER section on page ? of this instruction manual

Built-in Mounting Installation Diagrams



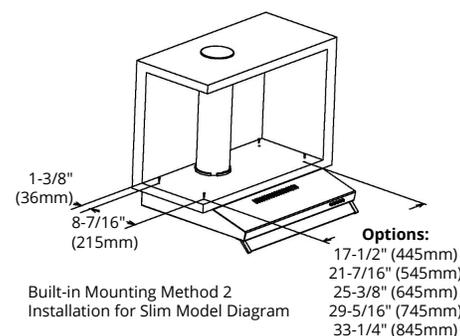
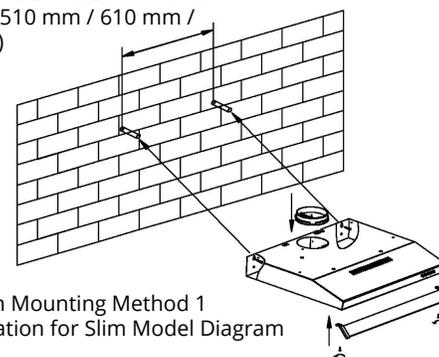
Built-in Mounting Installation — Slim Model

Method 1

1. To install onto the wall drill 2 holes of 8mm diameter on a suitable place according to the centre distance of holes in the back of the rangehood
2. Insert the nut into the holes
3. Insert the screws into the nuts and tight. Put the cooker hood onto the tighten screws
4. Fix the rangehood with safety screw. The two safety vents are positioned on the back casing with diameter of 6mm
5. Put the one-way valve onto the cooker hood

Options:

16-1/8" & 20-1/16" & 24" & 27-15/16" &
31-7/8" (410mm / 510 mm / 610 mm /
710 mm / 810mm)



Built-in Mounting Installation — Slim Model

Method 2

1. Drill 4 holes of 6mm diameter at the bottom of the hanging cupboard
2. Put the one-way valve on the rangehood, then install the rangehood on the bottom of the cupboard, tighten the hood with enclosed 4 screws
3. Install the adjusted board on the bottom of the hood in order to keep out the gap between hood back and cupboard

Method 2 (NOTES)

- The extensible pipe is optional accessory, not supplied
- Take off protection film before installation
- There are 2 methods of exhausting air. They are "Vertical" and "Horizontal". Please pay attention to the exhaust method when installing

INSTALLATION GUIDE

Built-in Mounting Installation — Slim Model

Method 2 (NOTES)

- Vertical ventilation:
See Fig.A on the right, please use tool to take out the round cover before installing so the air can be vented from the top
- Horizontal ventilation:
See Fig.B on the right, please use tool to take out the rectangular cover before installing so the air can be vented from the back
- The rectangular air outlet for horizontal ventilation is not supplied

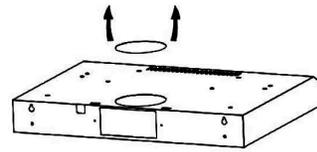


Fig.A

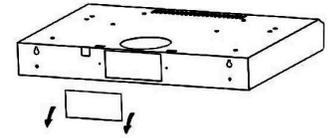


Fig.B

Air Ventilation Setting

- Outdoor exhausting:
Turn the adjuster to outdoor position (see Fig.C), install the outlet, turn on the cooker hood, then the air will be vented from the outside outlet
- Recycling:
The recycling mode with a carbon filter. Turn the adjuster to indoor position (Fig.D), install the outlet cover, turn on the rangehood, then the air can be vented from the inside outlet (see Fig.F)
- The charcoal filter is mounted on the back of the grill and must be changed once every three months
- The charcoal cannot be washed or recycled. It should be changed at most after 120 hours using. The carbon filter shouldn't be exposed to heat
- Every hood has two fixing screws to firmly fix the hood in its place

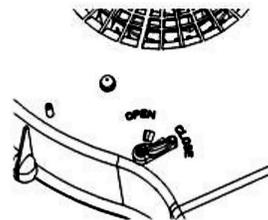


Fig.C

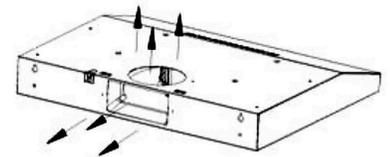


Fig.D

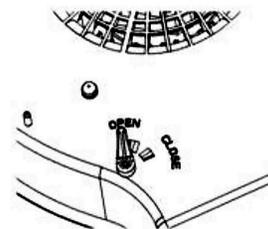


Fig.E

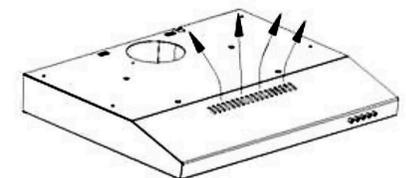
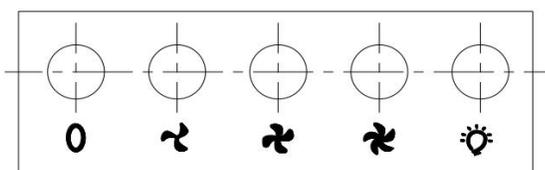


Fig.F

OPERATION

Push Button Control Panel (P1)

1. Press A, turn the power on. Press it again, turn the power off
2. Press B, the fan runs at low speed. Press again, the fan turns off
3. Press C, the fan runs at medium speed. Press again, the fan turns off
4. Press D, the fan runs at high speed. Press again, the fan turns off
5. Press E to turn on the light. Press it again, the light will turn off



A B C D E

Push Button Control Panel (P2)

1. When the fan is ON at current speed (fast or low), press A once, the fan switches to the other speed (low or fast). Press again, the fan returns to previous speed
2. Press B, the fan turns on. Press again, the fan turns off
3. Press C, the fan runs at medium speed. Press again, the fan turns off
4. Press D, turn on the power. Press again, turn off the power

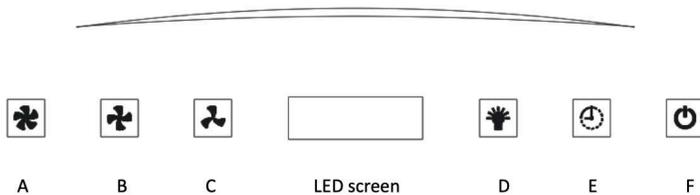


A B LED Screen C D

OPERATION

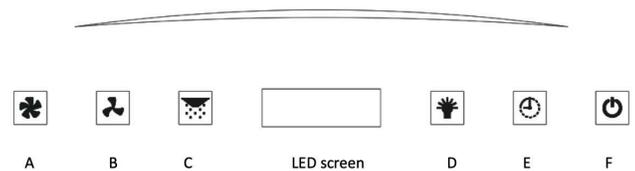
Touch Control (S1)

1. Press A, the fan runs at high speed. Press again, the fan turns off
2. Press B, the fan runs at medium speed. Press again, the fan turns off
3. Press C, the fan runs at low speed. Press again, the fan turns off
4. Press D, turn on the light. Press it again, turn off the light
5. When fan is ON, touch E once for a three-minute delay power off. When fan is OFF, touch E for seconds to set clock, the hour position on LED screen twinkles. From there on, you can use A and B to set minute. After setting, touch E again to keep the setting
6. Press F, turn on power. Press it again, turn off power



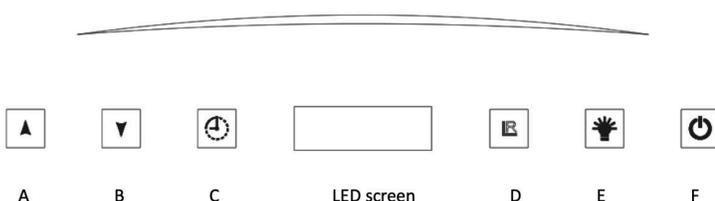
Touch Control with oil removing (S1B)

1. Press A, the fan runs at fast speed. Press it again, the fan turns off
2. Press B, the fan runs at slow speed. Press again, the fan turns off
3. Press C, operate oil removing function for 10 minutes. Press again, turn off oil removing function
4. Press D, turn on the light. Press it again, turn off the light
5. When fan is ON, touch E once for a three-minute delay power off. When fan is OFF, touch E for seconds to set clock. You can use A and B to set time. After setting, touch E again to keep the setting
6. Press F, turn on power. Press it again, turn off power



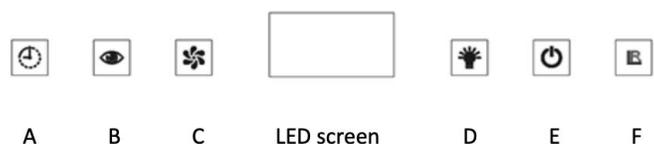
Touch & remote control with smoke or heat sensor (S1A)

1. Press A once, the fan runs at low speed. Press 2nd time, the fan runs at medium speed. Press 3rd time, the fan runs at high speed
2. When fan is running at high speed, press B once, the fan comes to medium speed. Press twice, the fan comes to low speed. Press 3rd time, the fan stops
3. In non-working state, touch C once to operate automatic smoke detection function. Touch C again to turn this function off
4. When fan is OFF, touch C for 3 seconds to set clock. The hour on the LED screen flickers. You can use A and B to set hour. Touch C once, the minutes on the LED screen flickers. You can use A and B to set minute. After setting, touch C again to keep the setting
5. Icon D is the receiver for the remote control
6. Press E, turn on the light. Press it again, turn off the light
7. Press F, turn on power. Press it again, turn off power



Touch & remote control with smoke or heat sensor (S2)

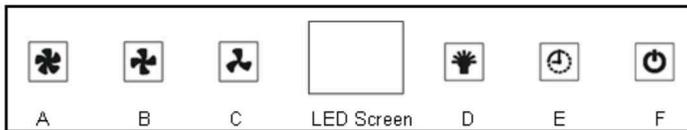
1. Press A for 3 seconds to set clock. Touch B to set hour, C to set minutes. Press A again to keep the setting
2. Press B, the icon will twinkle for one minute, and then the smoke or heat function starts
3. Press C once, the fan runs at high speed. Press it twice, the fan runs at medium speed. Press it 3rd time, the fan runs at low speed. Press it 4th time, the fan turns off
4. Press D, turn on the light. Press it again, turn off the light
5. When C or B is pressed, Icon E will be displayed. Press E, turn off power
6. Icon F is the receiver for the remote control



OPERATION

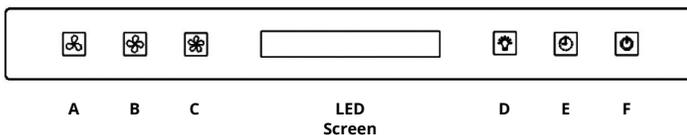
Touch Control (S2A)

1. Press A, the fan runs at high speed. Press again, the fan turns off
2. Press B, the fan runs at medium speed.
Press again, the fan turns off
3. Press C, the fan runs at low speed. Press again, the fan turns off
4. Press D, turn on the light. Press it again, turn off the light
5. When the fan is OFF, touch E once to set clock. The hour on the LED screen flickers. You can use C and D to set hour. Touch E again, the minutes on the LED screen flickers. You can use C and D to set minute. Touch E 3rd time or touch F once to quit setting
6. Press F, turn on power. Press it again, turn off power



Touch Control (S4)

1. Press A, the fan runs at low speed. Press again, the fan turns off
2. Press B, the fan runs at medium speed.
Press again, the fan turns off
3. Press C, the fan runs at high speed. Press again, the fan turns off
4. Press D, turn on the light. Press it again, turn off the light
5. When fan is ON, touch E once for a three-minute delay power off. When fan is OFF, touch E for 3 seconds to set clock. You can touch D to set hour, C to set minutes, and then touch E again to keep the setting
6. Press F, turn on power. Press it again, turn off power

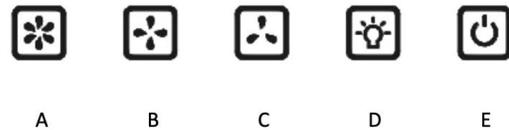


Touch Control (S7)

1. Press A, the fan runs at low speed and LED screen shows "1".
Press again, then fan turns off
2. When the fan is ON at low speed (LED screen shows "1"), press C once, the fan runs at medium speed (LED screen shows "2").
Press C again, the fan runs at high speed (LED screen shows "3")
3. When the fan is ON at high speed (LED screen shows "3"), press B once, the fan runs at medium speed (LED screen shows "2").
Press B again, the fan runs at low speed (LED screen shows "1")

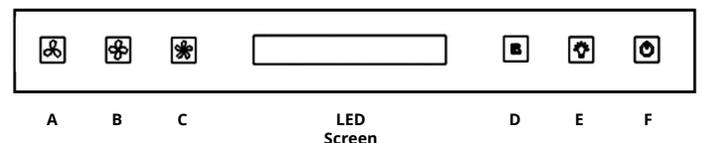
Touch Control (S3)

1. Press A, the fan runs at high speed.
Press again, the fan turns off
2. Press B, the fan runs at medium speed.
Press again, the fan turns off
3. Press C, the fan runs at low speed.
Press again, the fan turns off
4. Press D, turn on the light. Press it again, the fan turns off
5. Press E, turn on power. Press it again, turn off power

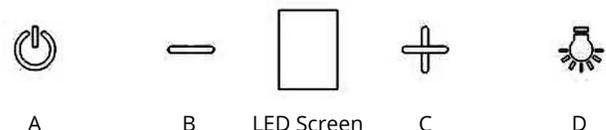


Touch & remote control with smoke or heat sensor (S4A)

1. Press A, the fan runs at low speed.
Press again, the fan turns off
2. Press B, the fan runs at medium speed.
Press again, the fan turns off
3. Press C, the fan runs at high speed.
Press again, the fan turns off
4. Icon D is receiver for the remote control
5. Press E, turn on the light. Press again, turn off the light
6. When fan is ON, touch F once for a three-minute delay power off
7. When fan is OFF, touch B to set clock. You can touch E to set hour, C to set minutes, and then touch F once to keep the setting
8. When fan is OFF, touch A to let the smoke detector preheat for one minute and then come into automatic working mode.
Press A again to quit this mode



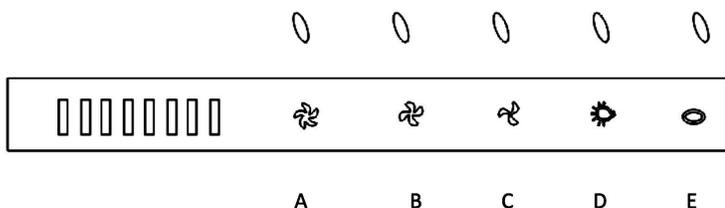
4. When fan is ON, touch B or C for seconds to enter a five-minute delay power off
5. Press D, turn on the light. Press it again, turn off the light



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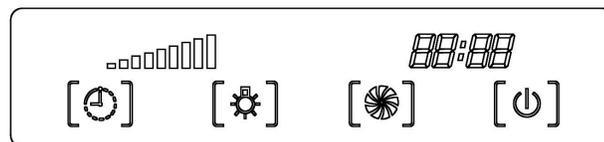
Touch Control (S8)

1. Press A, the fan runs at high speed. Press it again, the fan turns off
 2. Press B, the fan runs at medium speed. Press it again, the fan turns off
 3. Press C, the fan runs at low speed. Press it again, the fan turns off
 4. Press D, turn on the light. Press it again, turn off the light
 5. Press E once, turn on the power. Press it again, turn off the power.
- When fan is ON, press E for a one-minute delay power off

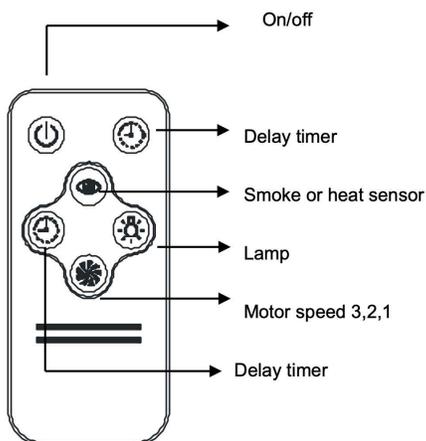


Touch Control (S9)

1. Press A, turn on the power, the bias light on and all function icons displayed
2. Press B once, the fan runs at high speed. Press B again, the fan runs at medium speed. Press B the 3rd time, the fan runs at low speed. Press B the 4th time, the fan stops
3. Press C, turn on the light. Press it again, turn off the light
4. When fan is ON, touch D once to set power-off time, every touch D means power off delayed by one minute. When fan is OFF, touch D for 3 seconds to set time, you can touch C to set hour, B to set minute



Remote Control



Remark for Remote Control

Smoke or heat sensor: press quickly 1 time, this button will flash, after 1 minute it will stop and the smoke and heat sensor is on.

When the motor or lamp is on, touch the delay button 1 time and the delay status will be set. You can now adjust the delay time.

Trouble Shooting

1. **No go due to no electrical supply:**
 - Check if the main switch is turned on
 - Check if the plug is connected
2. **Poor airflow due to either aluminum grease filters being clogged or charcoal grease filters being clogged:**
 - Clean the filters and replace when dry
 - Replace charcoal filter with new sets
3. **Motor running but no airflow due to jammed butterfly valve:**
 - Contact a professional technician
4. **Motor cuts off after few minutes due to either high temperature safety device being activated or the hood installed too near the cooking stove:**
 - The kitchen is not sufficiently ventilated
 - The hood must be at least 65cm from the stove
5. **Strong cooking smell due to charcoal filters not being installed:**
 - Charcoal filters must be installed in recirculating mode
6. **Oil dripping onto stove due to either oil cup that is missing or not being installed or aluminum grease filter being saturated:**
 - Remove aluminum filter and replace oil cup
 - Wash the aluminum grease filters
7. **Whirring sound due to foreign object in contact with the fan blade:**
 - Contact a professional technician

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