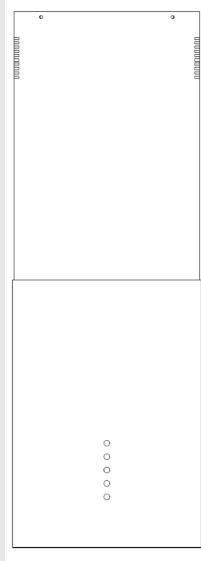


MODEL:

XT-28E1



ISLAND HOOD

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IMPORTANT

To register your product warranty, please paste the serial numbers stickers enclosed with the packaging on your warranty card. Please contact your local Rinnai Customer Care Centre should you require further assistance.

SAFETY WARNINGS

Please read this user manual thoroughly before attempting to use this appliance for the first time. This manual contains important information on safe installation, use and care of the appliance. Keep these instructions for reference and pass them on to future user.

Unpacking

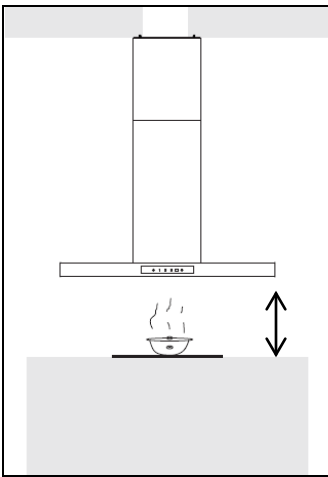
- Do not use the appliance if there are obvious signs of transportation damage.
- If the power supply cord is damaged, it must be replaced by the manufacturer, its service agent or qualified technician to avoid hazard.
- Please ensure that young children do not play with plastic bag packaging.

For the installer

- The extractor hood can be installed over gas and electric cook top. Minimum installation height from the bench top to the bottom of the hood is 700mm (gas range) and 550mm (electric range) (Fig. 1).

For the user

- The extractor hood is designed for domestic use to eliminate unpleasant odors from the kitchen. Do not use the hood for uses other than its specific purpose.
- Do not allow young children to play with or operate the appliance. Supervise its use by the elderly or infirm.
- Installation and repair should be attempted by qualified technical personnel only.
- It is dangerous to modify any part of this appliance. Tampering with electrical connections or mechanical parts can cause operation faults and may put the user at risk.
- Never leave high naked flames under the extractor hood when it is in operation. Always cover lit burners with cookware.



Min. installation height:
Gas range 700mm
Electric range 550mm

Fig. 1

- Always mount the extractor hood over the center of the hob.
- Ensure that the appliance is installed in a location with good permanent ventilation.
- When making the electrical connections, check that
 - the mains voltage and frequency corresponds to the technical information shown on the rating plate.
 - Electrical connection must be made in accordance to local standards only. Check that the voltage in your area is correct before plugging in.
- Use an electrical connector with earth that is correct for your location. The electrical connection of this appliance must be connected to earth (*where applicable*):
 - Green & Yellow = EARTH; Blue = NEUTRAL; Brown = LIVE
- Ducted mode:
 - Connect the extractor hood to the exhaust duct through a pipe of minimum Ø120mm. Use the shortest and straightest duct route possible.
 - Do not connect the extractor hood to exhaust ducts carrying combustion fumes.
 - Arrange proper ventilation if the extractor hood is used in conjunction with other appliances which are not supplied by electrical power e.g. gas burning appliances. The kitchen must have a direct opening to the outside in order to allow entry of fresh air.

Note: The manufacturer accepts no responsibility for complaints attributed to the design and layout of the pipe work.

- Do not flambé or grill with an open flame directly under the extractor hood. Flames could be drawn up into the hood by the suction and the grease filters may catch fire.
- Monitor cooking continuously as overheated oil increases the risk of self-ignition.
- Do not operate the extractor hood without a grease filter.
- It is important to clean and/or replace the filters at appropriate intervals.
- Grease deposits build-up increases the risk of fire.
- Always disconnect the unit from the power supply before carrying out any cleaning or maintenance work on the hood.
- Ensure that the power supply chord is free from any heat source or sharp objects.
- Multiple plugs and extension cables must not be used. Overloading is dangerous and may cause a fire hazard.

Disposal

- This appliance and its packaging are environmentally friendly and recyclable. Please help us to care for the environment by disposing the packaging in a proper manner and recycling any old appliances.
- Before disposing an old appliance, disconnect it from the power supply and cut the power supply cord to prevent hazards.

The manufacturer will not be held liable for any damages resulting from improper installation nor failure to adopt proper safety measures during installation and operational use of the appliance.

SPECIFICATIONS

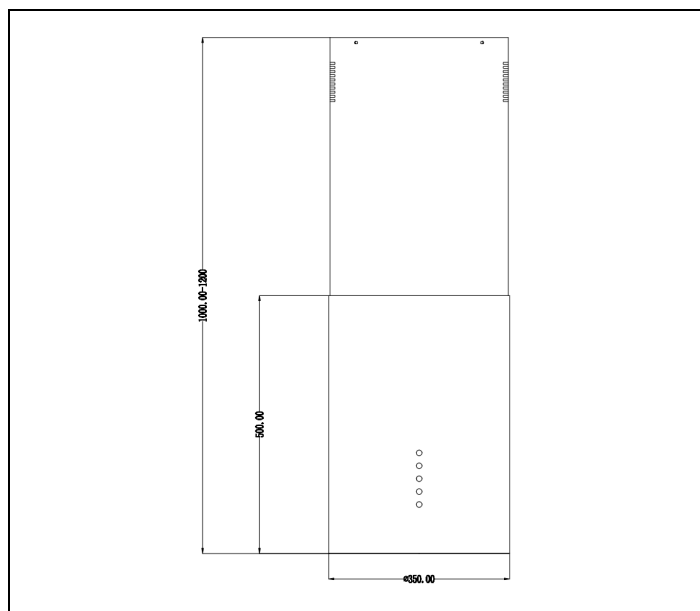


Fig. 2

Model XT-28E1

Voltage 220V - 240V / 50Hz

Power of Motor 260W

Power of Lamps 3x 1W

Cable Length 1.5m

Appliance
Dimension
($\varnothing$ x H):

350 x 1000-1200mm

Note: The manufacturer reserves the right to effect any technological improvement or modification without prior notice.

COMPONENTS

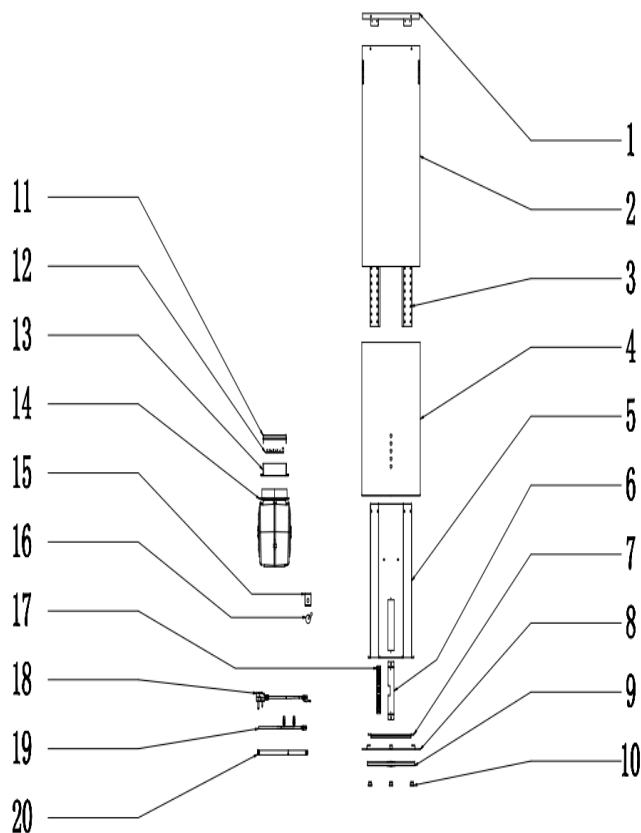


Fig. 3

Ref	Qty	Product components
1	1	Mounting bracket
2	1	Top duct
3	4	Connecting duct
4	1	Bottom duct
5	1	Lower chimney support frame
6	1	Switch bracket
7	1	Filter bracket
8	1	Filter pallet
9	1	Grease filter
10	3	Light
11	1	PCB box cover
12	1	PCB
13	1	PCB BOX
14	1	Motor
15	1	Capacitor Box
16	1	Capacitor
17	1	Switch
18	1	Power cord
19	1	Light connect wire
20	1	Switch connect wire

INSTALLATION

This appliance can be installed in ducted or recirculation mode.

Ducted mode (Fig. 4)

- In ducted mode, the extractor hood fan extracts the cooking vapours and passes them through the grease filter. The air then flows to the outside.
- The grease filter absorbs the solid particles in the cooking vapors.

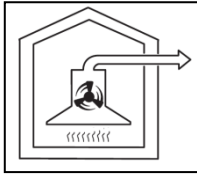


Fig. 4

Recirculation mode (Fig. 5)

- In recirculation mode, the extractor hood fan extracts the cooking vapors which are purified in the grease filter and charcoal filter.
- The purified air is then recirculated into the kitchen via a vent opening in the hood. The grease filter absorbs the solid particles in the cooking vapors.
- The charcoal filter is designed to absorb cooking odor. In this mode, **both grease filters and charcoal filters are installed.**



Fig. 5

Pre-installation

The extractor hood is designed for installation on the kitchen ceiling or on a rigid suspended ceiling.

- Ensure that the ceiling is level and able to withstand the appliance's weight.
- Before drilling holes, check for concealed electrical cables and other lines.
- Check that the depth of the drilled holes corresponds with the length of the screws.
- We recommend you to measure the total height of the appliance before installation. The total height is measured from the height of the ceiling, the height of the bench top and the minimum installation distance between the hob and the extractor hood. See "Safety Warnings".

Mounting to the ceiling (Fig. 6)

Step A:

- Mark the center point of the extractor hood on the ceiling. For ducting connection, cut a Ø160mm hole in the ceiling.
- Using the mounting bracket as template, mark 4 (four) holes on the ceiling. Secure mounting bracket to ceiling using 4(four) M4 X 40 screws provided.

Note: Ensure that the mounting bracket and & chimney support frame is aligned to an appropriate position to fit the main body (with control panel at desired position for user).

Step B:

- Adjust the upper and lower chimney support frame to the desired height level.
- Connect the upper chimney support frame to the mounting bracket using 8(eight) M4 X 8 screws provided.

Step C:

- Insert inner duct cover from below into the chimney support frame and secure to the upper chimney support frame using 4(two) M4 X 10 screws provided.
- Insert outer duct cover from below.

- *For ducting mode:* Fix duct pipe to the motor housing. For the most efficient air flow exhaust, use the shortest and straightest duct route possible.

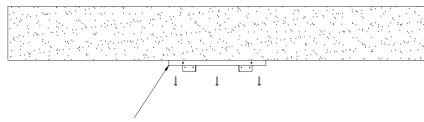
Step F:

- Make the electrical connection and check operation.

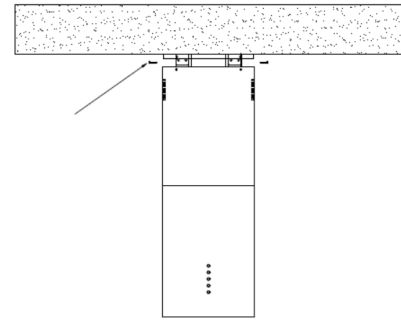
Installation is completed.

Installation must be performed by qualified personnel only. The manufacturer declines all responsibility for improper installation and does not accept responsibility for appliance warranty in the event of damage caused by incorrect installation.

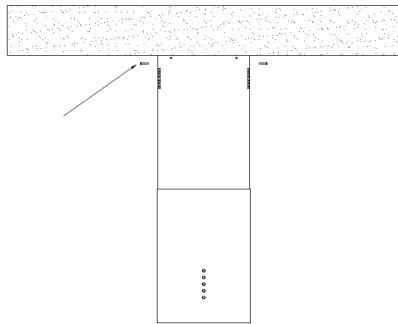
Fig. 6



A



B



C

OPERATION

We recommend you to switch on the appliance a few minutes before cooking for better air extraction. Leave it on for approximately 15 minutes after cooking or till cooking smell is completely removed.

Switch control



Light

Low
SpeedMedium
SpeedHigh
SpeedDelay Stop
Timer

LIGHT: Touch to select on/off.

LOW SPEED: Touch to on/off the fan at low speed.

MEDIUM SPEED: Touch to on/off the fan at medium speed.

HIGH SPEED: Touch to on/off the fan at high speed.

DELAY STOP TIMER:

- Touch to select delay stop timer at 3, 6, 9, 12 or 15 minutes. The timer setting & countdown is displayed in the window. The fan turns off automatically after timer ends operation.
- To deactivate this function before the timer stops, touch the speed button to turn off the fan completely. Or, touch the delay stop timer to clear setting and fan remains running at the selected speed.

MAINTENANCE AND CARE

Disconnect the power supply cord before carrying out any cleaning or maintenance activities. It is important to clean and/or replace the filters at appropriate intervals as grease deposits build-up increases the risk of fire. Do not operate the extractor hood without grease filter.

Grease filter

- Grease filters are used to absorb the grease particles formed during cooking process. The filters must be removed and cleaned every 4 weeks, depending on frequency of usage. Clean the filter either by hand or in the dishwasher. Note: Take care not to bend the filters during washing.
- If by hand washing, soak the filters in warm detergent solution to simplify the removal of grease. Brush the filters, rinse thoroughly and leave it to dry before refitting.
- If by dishwasher, select an appropriate wash program. Leave it to dry before refitting. Note: slight discoloration of the filter may occur.
- Removing and inserting the grease filters:
- To remove, depress the handle and pull down at the same time.
- To refit, slot the filter into position. Make sure that the handle is visible on the outside.

Charcoal filter *(where applicable)*

- The charcoal filters should be replaced when it is noticeably dirty or discolored, usually after 6 to 12 months depending on the conditions of use.
- These filters are not washable and cannot be restored. To ensure that this appliance functions effectively, regular maintenance is necessary as clogged filters restrict airflow and may cause the motor to overheat.
- Removing and inserting the charcoal filter:
 - Remove the saturated charcoal filter from the blower as shown.
 - Fit in the new charcoal filter.

Cleaning the appliance body

- Clean the extractor hood using warm detergent solution and a soft damp cloth. Wipe dry with a lint-free cloth.
- Avoid using corrosive or abrasive products that could damage the surface.

Light replacement



Replace the light bulb with another which has the same characteristics as a higher voltage bulb could damage the electrical unit.

- Removing and replacing the lights:
 - Push out the light assembly from inside of the hood body.
 - Disconnect the light connector .
 - Replace a new set of light assembly. Note: For purchase of spare part, please check with your local Rinnai Rinnai Customer Care Centre for assistance.
 - Reverse the procedure for refitting.

For spare parts purchase, please contact your local Customer Care Centre.

You are strongly recommended to follow these safety instructions. The manufacturer will not be held liable for any damages to the appliance or any fire hazard due to failure to observe the above safety recommendations.

TROUBLESHOOT

Problem	Possible Cause	Solution
Extractor hood does not function	No electrical supply	Check that plug is connected and main power switch is turned on
Poor airflow	Grease filters clogged with grease build-up	Clean the grease filters and refit when dry
	Charcoal filters clogged with grease build-up	Replace charcoal filters with new sets
Hood suction is not effective	Inadequate ventilation	Ensure that the kitchen is sufficiently ventilated to allow entry of fresh air
	Charcoal filters are not installed	Install charcoal filters for setting in recirculation mode
Motor is running but no airflow	Poor exhaust	Please contact Rinnai Customer Care Service
Whirring sound	Foreign object may be in contact with fan blade	Please contact Rinnai Customer Care Service
Lights are not working	Lamps are burnt out	Replace the damaged lamps
	Lamps are loose	Tighten the lamps

Please quote the model number of your appliance as shown on the rating plate attached to your equipment