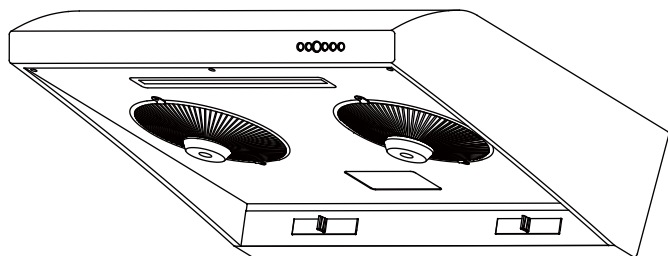


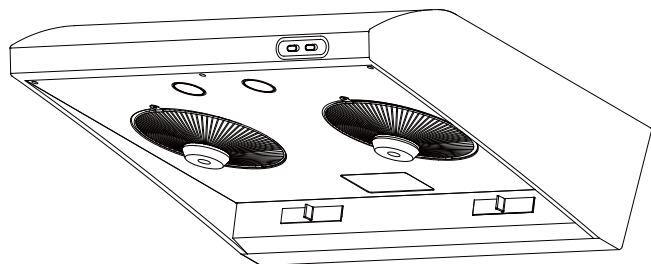
Use, Care, and Installation Guide

Power Series

PW2300B, PW2336B



PW2200, PW2236



Model number: _____

Serial Number: _____

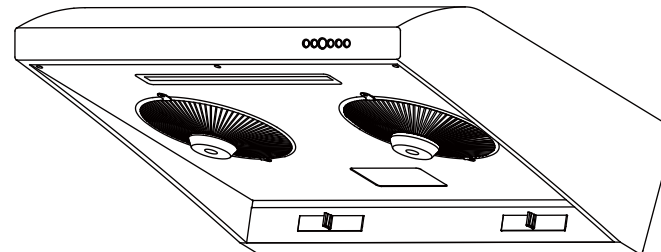
Read all instructions before operating the range hood.

XP022445(2)

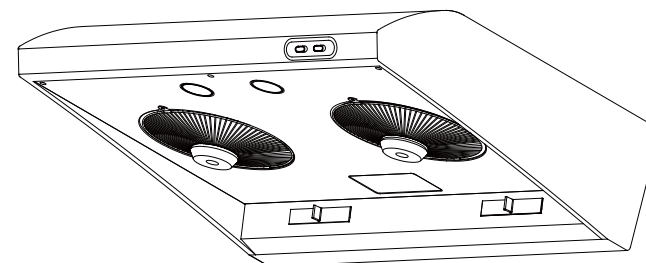
抽油煙機使用說明書

極風系列

PW2300B, PW2336B



PW2200, PW2236



抽油機型號: _____

序 號: _____

使用前，請先詳細閱讀此說明書。

XP022445(2)

IMPORTANT SAFETY NOTICE

READ AND SAVE THESE INSTRUCTIONS

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT USE THIS FAN WITH ANY SOLID-STATE CONTROL DEVICE.

WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- a) Use this unit only in the manner intended by the manufacturer, if you have questions, contact the manufacturer.
- b) Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

CAUTION

For General Ventilating Use Only. Do Not Use To Exhaust Hazardous Or Explosive Materials And Vapors.

WARNING -

TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE:

- a) Never leave surface units unattended at high settings. Boil overs cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.
- b) Always turn hood ON when cooking at high heat or when flaming food.(i.e.Cherries Jubilee, Peppercom Beef Flambe').
- c) Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
- d) Use proper pan size. Always use cookware appropriate for the size of the surface element.
- e) Keep fan, fillters and grease laden surfaces clean.
- f) Use high setting on hood only when necessary.
- g) Don't leave hood unattended when cooking.
- h) Always use cookware and utensils appropriate for the type of and amount of food being prepared.

WARNING -

TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP FIRE, OBSERVE THE FOLLOWING:

- a) SMOTHER FLAMES with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT.
- b) NEVER PICK UP A FLAMING PAN – You may be burned.
- c) DO NOT USE WATER, including wet dishcloths or towels – a violent steam explosion will result.
- d) Use an extinguisher ONLY if:
 - 1) You know you have a Class ABC extinguisher, and you already know how to operate it.
 - 2) The fire is small and contained in the area where it started.
 - 3) The fire department is being called.
 - 4) You can fight the fire with your back to an exit

WARNING -

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

IMPORTANT SAFETY NOTICE

- a) Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards. Including fire-rated construction.
- b) Sufficient air is needed for power combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back-drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA) and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the local code authorities.
- c) When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- d) Ducted fans must always vent to the outdoors.
- e) NEVER place a switch where it can be reached from a tub or shower.
- f) Make sure the power is off before installing, wiring or maintaining.

WARNING

TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCTWORK.

CAUTION

To reduce risk of fire and to properly exhaust air outside - Do not vent exhaust air into spaces within walls, ceilings, attics, crawl spaces or garages.

OPERATION

Always leave safety grilles and filters in place. Without these components, operating blowers could catch onto hair, fingers and loose clothing.

The manufacturer declines all responsibility in the event of failure to observe the instructions given here for installation, maintenance and suitable use of the product. The manufacturer further declines all responsibility for injury due to negligence and the warranty of the unit automatically expires due to improper maintenance.

ELECTRICAL REQUIREMENTS

Important: Observe all governing codes and ordinances.

It is the customer's responsibility:

- To contact a qualified electrical installer.
- To assure that the electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 latest edition* or CSA standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No.0-M91 - latest edition** and all local codes and ordinances.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

Do not ground to a gas pipe.

Check with a qualified electrician if you are not sure the range hood is properly grounded.

Do not have a fuse in the neutral or ground circuit.

*National Fire Protection Association Batterymarch Park, Quincy, Massachusetts 02269

** CSA International 8501 East Pleasant Valley Road, Cleveland, Ohio 44131-5575

This appliance requires a 120V 60Hz electrical supply and connected to an individual properly grounded branch circuit protected by a 15 or 20 ampere circuit breaker or time delay fuse. Wiring must be 2 wire with ground. Please also refer to Electrical Diagram on product.

A cable locking connector (not supplied) might also be required by local codes.

Check with local requirements, purchase and install appropriate connector if necessary.

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操作說明 - PW2200, PW2236	6
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I. PRODUCT FEATURES/PERFORMANCE SPECIFICATION CHART

A. Product Features

Model:PW2300B,PW2336B

1. 6-speed options.
2. Light has varying degrees of brightness: Bright, Dim and Off.
3. Delay-off function.
4. Display Window: indicates speed levels and delay off.

Model:PW2200,PW2236

1. 2-speed options.
2. Light has varying degrees of brightness: Bright, Dim and Off.

B. Performance Specification Chart

Models	PW2200	PW2236
Net Weight(LBS)	31.9 LBS	35.7 LBS
Measurement (inch)	29-3/4"X24-13/16"X7-7/8"	35-11/16"X24-13/16"X7-7/8"
Maximum Voltage	120V – 60Hz	
Exhaust Pipe Diameter	Round 7 inches, Square 3-1/4"x10 inches	
Light	Halogen 50Wx2	
Maximum consumption power	2.6A/312W	

Models	PW2300	PW2336
Net Weight(LBS)	34.1 LBS	37.9 LBS
Measurement (inch)	29-3/4"X24-13/16"X7-7/8"	35-11/16"X24-13/16"X7-7/8"
Maximum Voltage	120V – 60Hz	
Exhaust Pipe Diameter	Round 7 inches, Square 3-1/4"x10 inches	
Light	LED Light strip 8Wx1	
Maximum consumption power	2.0A/214W	

一.功能簡介/性能規格表

A.功能簡介

型號: PW2300B,PW2336B

1. 6速風速選擇。
2. 可控制燈的開/關，具亮、暗二段調整。
3. 具有延遲功能。
4. 指示燈顯示: 風速和延遲功能。

型號: PW2200,PW2236

1. 2速風速選擇。
2. 可控制燈的開/關，具亮、暗二段調整。

B.性能規格表

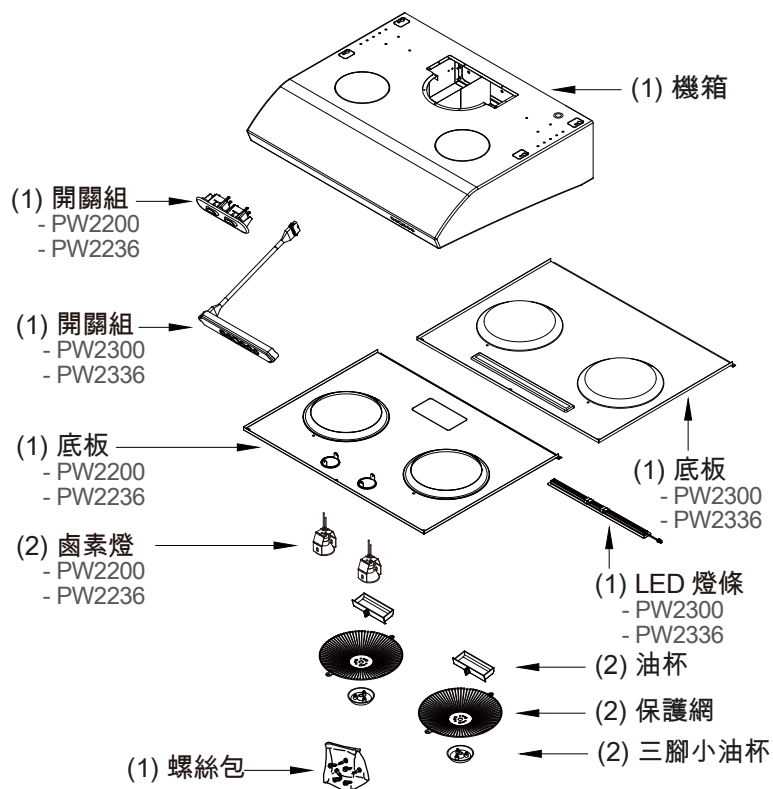
型 號	PW2200	PW2236
淨 重(磅)	31.9磅	35.7磅
尺 寸(英吋)	29-3/4"X24-13/16"X7-7/8"	35-11/16"X24-13/16"X7-7/8"
最大伏特數	120V – 60Hz	
風 管 直 徑	圓型 7吋,方型 3-1/4"x10吋	
燈 泡	鹵素燈 50Wx2	
最大消耗功率	2.6A/312W	

型 號	PW2300	PW2336
淨 重(磅)	34.1磅	37.9磅
尺 寸(英吋)	29-3/4"X24-13/16"X7-7/8"	35-11/16"X24-13/16"X7-7/8"
最大伏特數	120V – 60Hz	
風 管 直 徑	圓型 7吋,方型 3-1/4"x10吋	
燈 泡	LED 燈條8Wx1	
最大消耗功率	2.0A/214W	

二. 配件說明

型號:PW2200 / PW2300/PW2236 / PW2336

提供的零件名稱



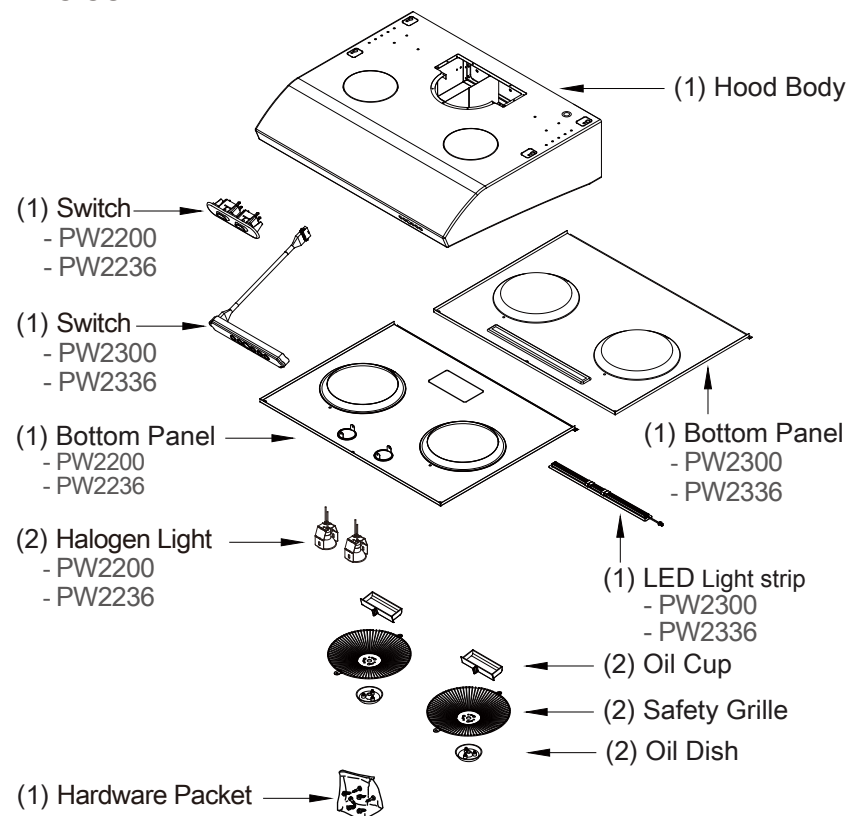
螺絲包配件:

序號	種類	數量
A	P3螺母	3
B	M6 x 1吋木螺絲	10
C	M6 x 1-1/2吋木螺絲	4
D	3/16 x 1/4吋華司頭螺絲	2
E	鹵素燈拆裝吸盤 (僅PW2200/PW2236使用)	1

II. PARTS INSTRUCTIONS

MODEL:PW2200 / PW2300/PW2236 / PW2336

PARTS SUPPLIED



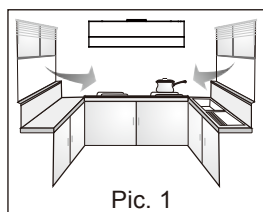
HARDWARE PACKAGE CONTENTS

TYPE	DESCRIPTION	N°
A	Wire Nuts	3
B	M6 x 1" wood screws	10
C	M6 x 1-1/2" wood screws	4
D	3/16 x 1/4" Washers screws	2
E	Halogen light Suction Cup (Only for PW2200/PW2236)	1

III. INSTALLATION GUIDELINES

1. Surrounding Environment (Pic.1)

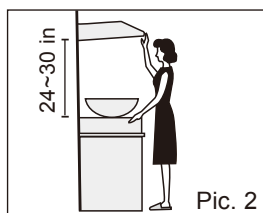
Notice the surrounding of cooker hood. If there are too many windows or a door nearby, it is advisable to close the windows and door before switching on the cooker hood to prevent the external air current from affecting the suction. The smoke has to rise up to 10 inches from the stove/grate to be within the range of suction efficiency.



Pic. 1
Too many windows, too much air current.

2. Installation Heights (Pic.2)

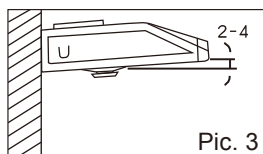
The ideal installation height is a distance of 24 to 30 inches from the bottom of the hood to the surface of the stove top.



Pic. 2

3. Hood installed in parallel and horizontal level (Pic.3)

The front, back, right and left of hood must be in parallel and horizontal level, to avoid the oil in the oil tub from spilling over. To ensure that the hood is leveled when installing, it can be measured by the hook mark for the left and right side; and the screws fixed securely onto the wall to ensure the front and back of the hood are parallel.



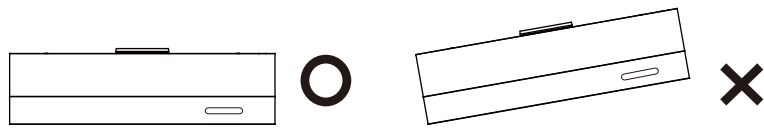
Pic. 3

4. Exhaust duct

In order to increase the efficiency of hood, recommending using the provided 7 inch duct to maintain maximum air flow efficiency; the length of duct must be minimized.

5. Socket arrangement

Please do not arrange the hood socket with other high electricity consumption appliances.

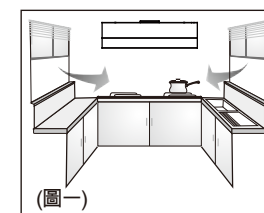


※ Before installing the hood, please apply fast drying glue to the collar and securely attach it to the top of the cooker hood's vent lid. Install the cooker hood and attach pipe to the plastic collar and seal with aluminum tape and prevent water and air leakage.

三.安裝原則

1. 周圍環境(圖一):

抽油煙機安裝位置，如在窗上或附近有太多門窗，請在開動抽油煙機前，先關閉門窗，以免空氣對流大而影響吸力，因當油煙上昇未至10吋之有效吸力範圍，則無法充分發揮抽油煙最佳效果。

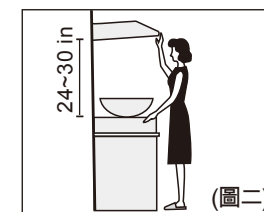


(圖一)

門窗太多、對流太大

2. 安裝高度(圖二):

安裝高度自本機底板至煮食爐面之距離以24~30吋為最理想。

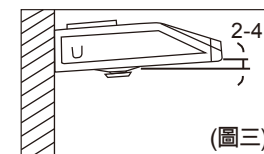


(圖二)

3. 機體應保持水平(圖三):

機體應保持前、後、左、右水平，以免氣流箱，導油盆積油而溢出。

左、右水平可由掛碼調整，前、後水平則由鋼丁螺絲鎖緊牆壁，以固定標準。



(圖三)

4. 排風管:

為增加吸力效能，請配合使用本機出風管接頭之直徑7吋排風管，排風管長度應以適合長度最佳，不宜過長。

5. 插座安排:

請勿與烤箱或冰箱等耗電量較高之電器產品共用一個插座。

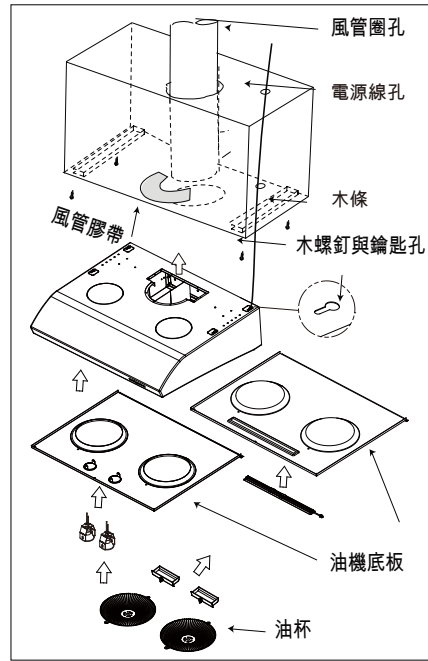


※安裝前先以強力膠注入風管圈後將風管嵌入，再用封膠封住風管圈。

四. 安裝步驟

櫥櫃安裝說明:(如圖一)

1. 請準備安裝位置及空間。
2. 測量出風口及電源線孔的大小，然後再鑽孔。
3. 櫥櫃需加強本機固定的地方，建議使用木條強化在櫥櫃內底部。
4. 請用十字螺絲起子移除油機底板，卸下油機底板及燈泡電線。
5. 依安裝位置設置四支木螺釘。
6. 安裝時用木螺釘扣上之後，將油機與櫥櫃用螺絲鎖緊，讓油機與櫥櫃安全不會掉落。
7. 裝設電源。
8. 安裝風管並用風管膠帶密封。
9. 檢查風管處是否緊密及其他功能是否正常。
10. 將油機底板與燈泡重新安裝上去。
11. 將油杯與出風口保護網裝進油機。



圖一

IV. INSTALLATION PROCEDURES

Hood is designed for installation under a kitchen cabinet.
See Fig.1 for details.

1. Prepare duct location on hood (vertical or horizontal).
2. Measure and cut out duct and electrical openings in cabinet or wall to match up with the hood. Make sure duct opening is large enough to apply aluminum duct tape.
3. Reinforce cabinet bottom with wood strips if additional strengthening is required or if cabinets are framed.
4. Remove bottom panel from hood using a Philips screwdriver to remove each of the screws. Also remove lighting harness by pressing in on the clip to release the lights from the internal wiring.
5. Use 4 wooden screws to secure the hood to the bottom of the cabinet.
6. Lift hood onto screws located on cabinet bottom and lock into place. Make sure all (4) key-holes cover the screws. Tighten each screw to secure hood to cabinet.
7. Install electrical.
8. Install ductwork and seal with aluminum duct tape.
9. Power up hood and check for leaks around duct tape and test all functions.
10. Reinstall bottom panel and reconnect lighting harness.
11. Slide residue cups into their openings on the bottom of the hood. Install safety grilles over each blower opening and secure with the pre-installed screw.

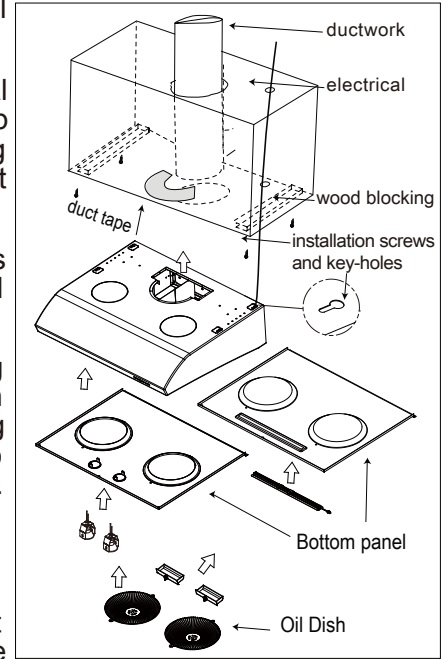
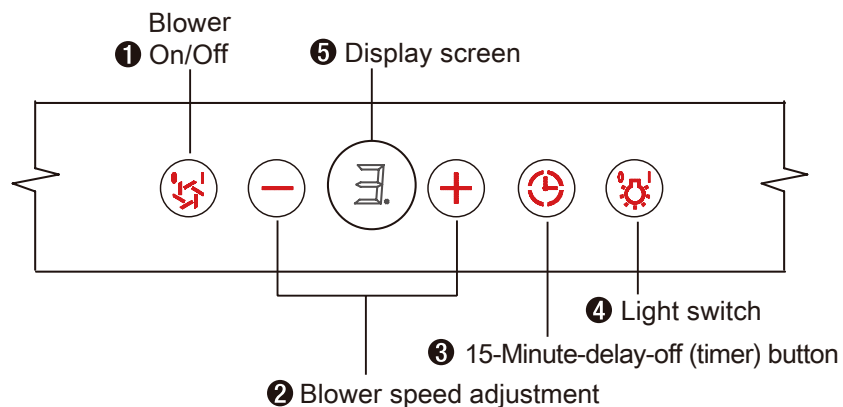


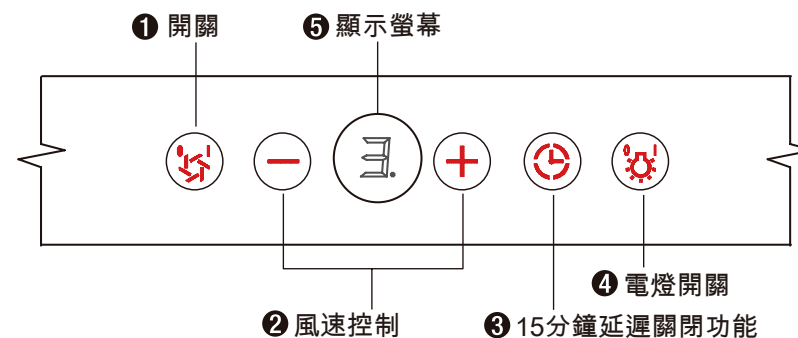
Fig 1

V. OPERATING INSTRUCTIONS - PW2300,PW2336

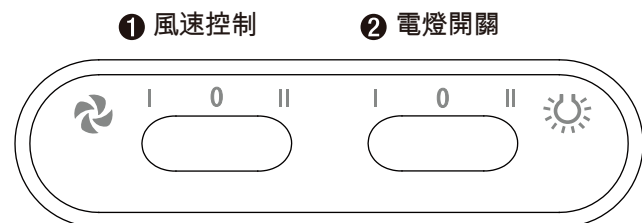


- (1) Blower On/Off**
By pressing this button the blower is switched on and off. When switched on, the blower starts up on speed level 3.
- (2) Blower speed adjustment**
The 6 speed levels are selected by pressing - to decrease and + to increase speed levels. The display indicates levels selected.
- (3) 15-Minute-delay-off (timer) button**
This feature is used for programmed shut down of the blowers 15 minutes after the function is activated. Press this button once, a dot flashed in the lower right side of display indicating the function is on. The blowers will shut down after 15 minutes.
- (4) Lights switch**
Switch light on by pressing this button once, press a second time to dim and again to shut off lights.
- (5) Display Window**
The display window indicates speed levels and features such as delay off timer.

五. 按鍵說明 - PW2300,PW2336



- (1) 開關**
按下此按鈕可用來開啟和關閉油煙機。當開啟，風速將會在第三速。
- (2) 風速控制**
按下 - 或 + 按鈕去減少或增加速度，顯示螢幕將會顯示目前的風速。
- (3) 15分鐘延遲關閉功能**
此功能可讓油煙機延遲15分鐘後自動關閉。
按下此按鈕一次，顯示螢幕右下角的點 會閃爍代表延遲關機功能已啟動。
- (4) 電燈開關**
按下此按鈕可用來調整電燈燈光。按一下為明亮，再按一下為微亮，再按一下將關閉電燈。
- (5) 顯示螢幕**
用於顯示風速、延遲關閉狀態。



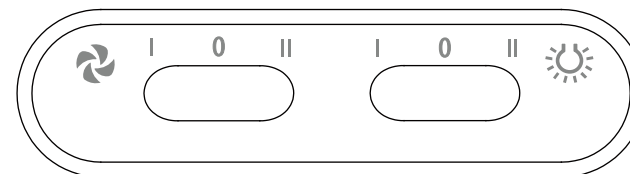
(1) 風速控制

此按鍵可用來開啟或關閉馬達和調整風速。

(2) 電燈開關

0是關閉、"I" 是微亮和 "II" 是明亮。

① Blower On/Off/Speed Selection ② Lights Off/Dim/Bright



(1) Blower On/Off/Speed Selection

This switch turns the blower on and off and controls the speed selection.

(2) Lights Off/Dim/Bright

0 is off 、 "I" is dim and "II" is bright.

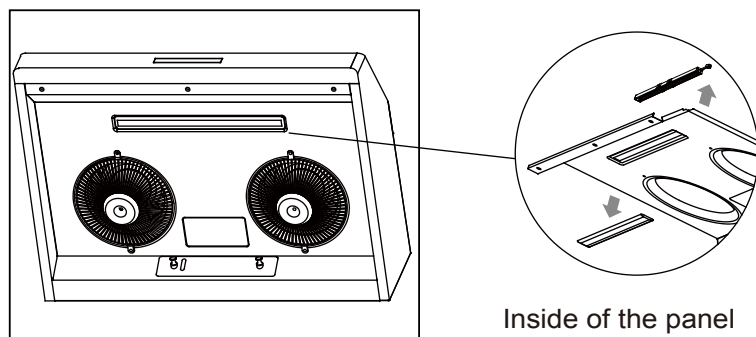
VI. REPLACING LIGHT BULB

LED Light:

Remove bottom panel and disconnect the LED light strip wire.

After removing the plastic cap, the light strip will come off (see picture below).

Please contact dealer to purchase new LED light strip.



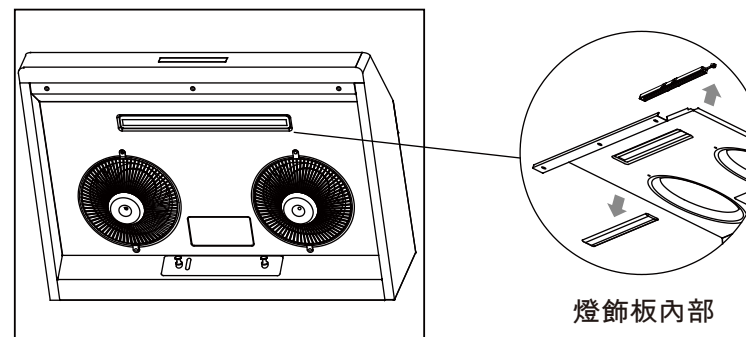
六. 移除燈炮

LED燈條移除注意：

移除煙罩板，拆除內部條燈連接電線。

直接將條燈罩與條燈鋁殼拆開後，即可移除條燈(如下圖)。

請洽經銷商購買新燈條。

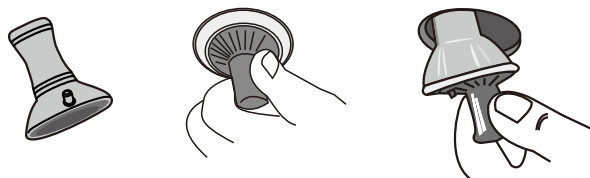


Halogen Light:

When the range hood is activated or has been running for a long time, be careful when handling the light bulb as it may be too hot to handle. Please double check to make sure the power supply to the range hood is shut off and the light bulb is cool before removing it.

Remove the Halogen bulb by turning it counterclockwise to remove.

The black rubber suction tool in the installation package, provided is for easier removal of the halogen light bulb.



7.

鹵素燈移除注意：

當油煙機在運轉或經過長期運轉後請小心燈泡高溫。並請等待冷卻後再移除燈泡。請再三確定油煙機電源關閉以及燈泡冷卻後再行移除。

請用黑色吸盤(隨機附上)，以逆時針旋轉拆除，並參考以下圖示移除燈泡。

請洽經銷商購買新燈泡。



7.

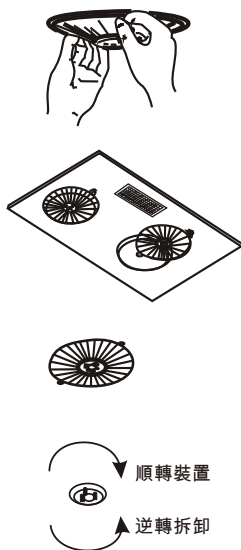
七.機身表面保養和清潔

一.機身表面保養

- 1.請定期以熱肥皂水和棉布擦拭機身以防油垢堆積。
- 2.請勿使用腐蝕性洗碗精和材質過粗的布料擦拭，以免傷害到機身表面。
- 3.擦拭完成後建議使用無刺激性的不鏽鋼拋光劑來進行第二次擦拭。
- 4.請使用軟布輕擦，您的油煙機表面將會更加光亮。
- 5.請勿使用含有漂白成分的清潔液。

二.保養和清潔

- 1.清潔前，務必要切斷電源。
- 2.定期清潔抽油煙機的內外側，可以保持抽油煙機壽命，切勿使用研磨性清潔劑。
- 3.用螺絲刀拆卸螺絲，可拆卸風扇保護清潔完成後，必須重新裝回原位。
- 4.按逆時針方向旋轉，可拆卸附在保護網的盛油小油杯清潔。完成後即可重新裝回原位。
- 5.抽油煙機中央的盛油小油杯可拆卸做定期清潔。
- 6.在開啟煮食爐前，請先開啟抽油煙機以免廚房溫度太高。



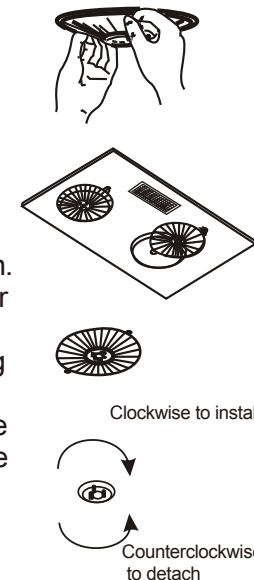
VII. SURFACE MAINTENANCE

A. Surface Maintenance

1. Please clean the range hood surface regularly with warm soapy water and wipe with a cotton cloth to prevent grease from accumulating.
2. Please do not use harsh cleansers or coarse material to clean the surface because that will damage the surface.
3. A non-invasive stainless steel polish is recommended to polish the surface after cleaning.
4. Please use soft material for polishing because it will make your range hood surface shinier.
5. Please do not use cleaning solutions that have bleach as an ingredient.

B. Surface Cleaning and Maintenance

1. Always disconnect from power supply before cleaning.
2. Clean both exterior and interior of the hood for long lasting. Do not use abrasive cleanser.
3. Fan's protection grille can be detached for cleaning by removing the screws with a screwdriver.
It must be reinstalled before using the hood again.
4. Oil dish on the grille can also be detached for cleaning by turning the dish counter-clockwise.
5. The oil cup in the centre of the hood for holding grease can be detached and cleaned regularly.
6. Make a habit of turning on the hood first before turning on the stove to avoid high temperature in the kitchen.



VIII. CAUTIONS

Special Attention when Using the Range Hood:

- The range hood must be turned on every time before cooking to ensure maximum ventilation effect. If there is damage to the power cord, removing
- and changing the power cord must be handled by the manufacturer, installer or a qualified electrician.
- When the range hood, gas stove, or other fuel appliances are being used simultaneously, there must be good ventilation in the kitchen.
- If cleaning the range hood is conducted without following the instructions in the manual, you may risk causing a fire.
- Do not light a fire directly under the range hood.
- The exhaust gas from the range hood can't be fed into the exhaust channel of the gas stove or any other appliances.
- The minimum distance required between the top of the stove and the bottom of the range hood is 24 inches. If the range installation manual states that more distance are required, it must be taken into consideration. Adjust range hood to appropriate height for complete emission of exhaust.
- To avoid danger, parts in the range hood must be disassembled with tools, and not using bare hands.

八. 注意事項

使用注意事項：

- 每次煮食前必須先開抽油煙機才開始煮食，可防止抽油煙機損壞。
(因若未開機就煮食，油煙久了會累積在馬達及線圈導致無法開機)
- 若電源線損壞時，必須由製造廠或其服務處或具有類似資格的人員更換，以避免危險。
- 當抽油煙機與瓦斯或其他燃料同時使用時，室內應有良好的通風。
- 若未依說明書執行清潔可能引起火災。
- 不可在抽油煙機下方直接燃燒。
- 排出的氣體不得藉由瓦斯或其他燃料之排氣通道釋出。
- 爐具或爐架與抽油煙機最低部分之最小距離限制，當抽油煙機於瓦斯爐上時，此距離至少為24吋，若瓦斯爐之安裝說明書規定更大之距離時，則必須列入考量。須適當調整高度使廢氣完全排出。
- 須藉由工具拆卸之零件使用者不得自行徒手拆卸，以免發生危險。

九. 排除故障

異常狀況	原因	處理方式
馬達不轉	1.無電源輸入(電源線燒毀)或保險絲燒毀	1.更換PC板
	2.馬達溫控跳脫無法回復	2.更換馬達
	3.馬達銅線燒毀	2.更換馬達
	4.電容器燒毀	4.更換電容器
	5.無電源輸入(電源線燒毀)或保險絲燒毀	5.三用電表測(更換電源線)
馬達轉速變慢	1.電容器變形或電量不足	1.更換電容器
	2.馬達燒毀	2.更換馬達
風葉有反轉現象	1.馬達銅線短路	1.更換馬達
	2.出風口逆風現象(倒灌風)	2.出風口或排風管阻塞清理
馬達無分段速度	1.電容器燒毀	1.更換電容器
	2.線路脫落	2.重整電線
馬達時轉時不轉	1.溫控在感應到異常高溫時，馬達會停止轉動，當溫度降到一般煮食時，會恢復正常運作	1.建議煮食方法稍改：若煮食時長時間用大火，建議改用中小火或暫停煮食
		2.更換馬達
	2.馬達溫控跳脫會時有時無	3.更改馬達結線，不使用溫控
Delay Off 延遲失效	1.主控PC板失效	1.更換主控PC板
	2.開關PC板失效	2.更換開關PC板
漏電	1.馬達入水造成	1.更換馬達
LED 燈兩段失效	1.LED燈控制線斷路	1.更換LED燈控制線
	2.主控PC 板燈線斷路	2.更換主控PC板
	3.LED燈故障	3.更換LED燈
鹵素燈兩段失效	1.鹵素燈控制線斷路	1.更換鹵素燈控制線
	2.鹵素燈故障	2.更換鹵素燈
顯示器失效	1.主控PC板失效	1.更換主控PC板
	2.開關PC板失效	2.更換開關PC板

IX. TROUBLESHOOTING

Problem	Possible Cause	Solution
Motor stops running	1. No power (burned wire or fuse)	1. Replace the PC board
	2. Motor temperature regulator is off and can't be recovered	2. Replace motor
	3. Motor copper wire is burned	3. Replace motor
	4. Capacitor defected	4. Replace capacitor
	5. No power (burned wire) or burned fuse	5. Check power meter (replace power cord)
Motor speed slows down automatically	1. Distorted capacitor or low power	1. Replace capacitor
	2. Motor defected	2. Replace motor
Inverted fan blades	1. Short circuit on the motor	1. Replace motor
	2. Air comes out of the air outlet instead of sucks up	2. Air outlet or exhaust pipe is blocked and needs cleaning
Motor doesn't regulate speed	1. Capacitor defected	1. Replace capacitor
	2. Electrical wiring is off	2. Fix the electrical wires
Motor runs on and off	1. Motor stops running when it reaches unusual high temperature, and starts again when it cools down to normal cooking temperature This is caused by temperature running too high during cooking.	1. Recommend changing your cooking routine slightly
		2. Replace motor
	2. Motor temperature regulator comes on and off	3. Change the motor electrical wiring and de-activate the temperature regulator.
Delay-Off function fails	1. Main control PC board failed	1. Replace main control PC board
	2. PC board switch failed	2. Replace PC board switch
Power leakage	1. Water got in the motor	1. Replace motor
Two sections of the LED light not working	1. Short circuit on LED light control power cord	1. Replace LED light control power cord
	2. Short circuit on the light power cord in the main control PC board	2. Replace main control PC board
	3. LED light failed	3. Replace LED light
Two sections of the Halogen light not working	1. Short circuit on Halogen light control power cord	1. Replace Halogen light control power cord
	2. Halogen light failed	2. Replace Halogen light
Display unit failed	1. Main control PC board failed	1. Replace main control PC board
	2. PC board switch failed	2. Replace PC board switch