Installation Guide
& User's Manual

COSMO

UNDER CABINET RANGE HOOD

UC30

UMC30

Thank You

Thank you for your purchase. We know that you have many brands and products to choose from and we are honored to know that you have decided to take one of our products into your home and hope that you enjoy it.

Our appliances are designed according to the strictest safety and performance standard for the North American market. We follow the most advanced manufacturing philosophy. Each appliance leaves the factory after thorough quality inspection and testing. Our distributors and our service partners are ready to answer any questions you may have regarding how to install, use and care for your range hood.

We hope that this manual will help you learn to use the product in the safest, most effective manner, and care so that it may give you the highest satisfaction in cooking for years to come. If you have any questions or concerns, please contact the dealer from whom you purchased it, or contact our Customer Support at: 1-888-784-3108.

The manual also includes directions for the professional installer that will install the product in your home. We recommend using trained personnel for professional installation.

Please keep this manual for future use.

STAINLESS STEEL BAFFLE FILTERS





About Your New Filters

Stainless Steel Baffle Filters do not need linings or mesh inside of the filters. Our Baffle filters are completely constructed out of stainless steel. The stainless steel construction allows them to be used again after being cleaned or going through the dishwasher.

How do Baffle Filters Work?

Baffle filters function by forcing the grease filled air to quickly and continuously change direction as it passes through the filter. The grease is unable to change direction as fast as the air carrying them, they end up getting caught on the metal blades and then trapped into the filter tray. These filters are both efficient and require less maintenance.

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

Save these instructions for future references

Approved for residential appliances

For residential use only

IMPORTANT SAFETY INSTRUCTIONS

CAUTION

FOR GENERAL VENTILATING USE ONLY. DO NOT USE TO EXHAUST HAZARDOUS OR EXPLOSIVE MATERIALS OR VAPORS.

CAUTION

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

WARNING

TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCT WORK. Install this hood in accordance with all requirements specified.

WARNING

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

1. **Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.**
2. **Before servicing or cleaning the unit, switch power off at service panel and lock service panel 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.**
3. **Installation Work and Electrical Wiring Must Be Done By Qualified Person(s) in Accordance With all Applicable Codes & Standards, including Fire-rated Construction.**
4. **Sufficient air is needed for proper combustion and exhausting of gases through the flue (Chimney) of fuel burning equipment to prevent back- drafting. Follow the heating equipment manufacturers guideline and safety standards such as those published by the National Fire Protection Association (NFPA), the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.**
5. **When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.**
6. **Ducted systems must always be vented to the outdoors.**

WARNING

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

WARNING - IMPROPER GROUNDING CAN RESULT IN A RISK OF ELECTRIC SHOCK.

Consult a qualified electrician if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.

Do not use an extension cord. If the power supply cord is too short, have a qualified electrician install an outlet near the appliance.

WARNING

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

A. SMOTHER FLAMES with a close - fitting lid, cookie sheet, or other metal tray, then turn off the gas burner or the electric element.

B. **BE CAREFUL TO PREVENT BURNS.** If the flames do not go out immediately, **EVACUATE AND CALL THE FIRE DEPARTMENT.**

C. **NEVER PICK UP A FLAMING PAN - DO NOT USE WATER**, including wet dishcloths or towels - a violent steam explosion will result.

Always leave safety grills 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 review 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.

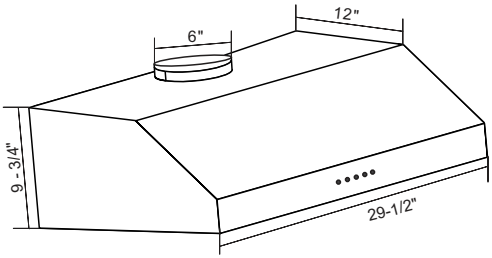
WARNING

Unplug or disconnect the appliance from the power supply before servicing.

WARNING

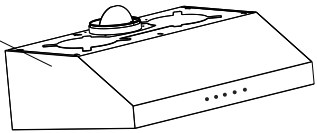
To Reduce The Risk Of Fire Or Electric Shock, DoNot Use This Hood With Any External Solid State Speed Control Device.

PARTS DIAGRAM
UC30 / UMC30



MAIN PARTS

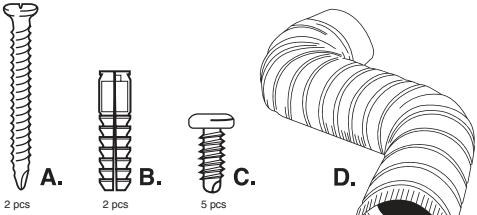
Main body



Grease Filters

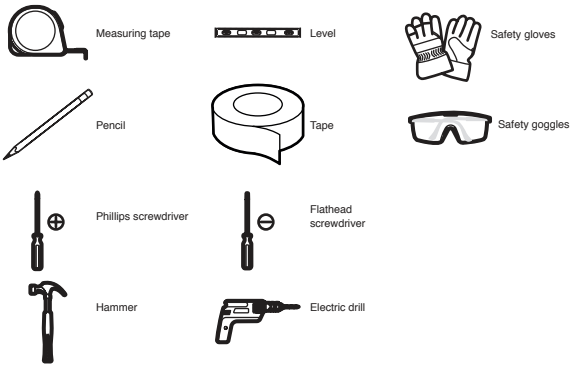


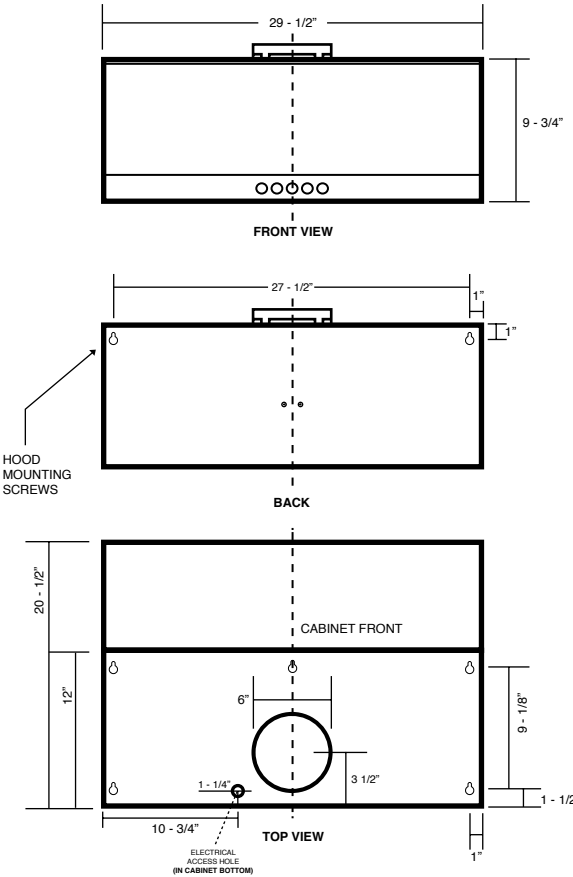
PARTS INCLUDED



A. 2 pcs - 5x50 wood screws
B. 2 pcs - Wall Anchors
C. 5 pcs - 5x16 wood screws
D. 6” Round Aluminum Duct

PARTS REQUIRED




29 - 1/2"
9 - 3/4"
FRONT VIEW
27 - 1/2"
1"
1"
HOOD
MOUNTING
SCREWS
BACK
20 - 1/2"
12"
CABINET FRONT
6"
9 - 1/8"
3 1/2"
1 - 1/4"
1 - 1/2"
10 - 3/4"
TOP VIEW
1"
ELECTRICAL
ACCESS HOLE
(IN CABINET BOTTOM)

PRE-INSTALLATION REQUIREMENTS

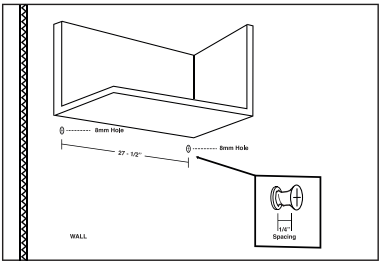
1. Do not install the Range Hood where there are many dorrs or windows in order to avoid effecting the exhaust efficiency caused by air convection.
2. Install the Range hood directly above the cooking surface. The recommended distance between the cooking surface and the bottom of the range is minimum 24" and Maximum 30".
3. In order to get the optimum performance, do not extend the vent pipe too far , adjust the vent pipe, and make sure the hood is level and vertical.
4. The air outlet must not be connected to chimney flues or combustion gas ducts. The air outlet must not be connected to ventilation ducts for rooms in which fuel-burning appliances are installed.

SAFETY WARNING

HOOD MAY HAVE SHARP EDGES; PLEASE WEAR PROTECTIVE GLOVES IF ITS NECESSARY TO REMOVE ANY PARTS FOR INSTALLING, CLEANING, OR SERVICING.

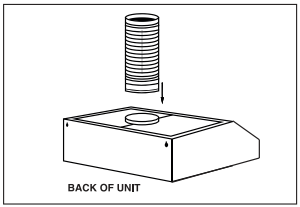
INSTALLATION PROCEDURES

Step 1-3

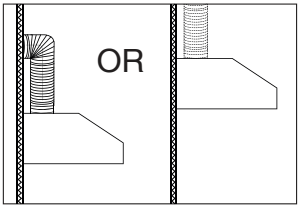


1. 1.Drill two 8mm holes in position for Wall Anchor (Part B) placement. **(See Page 5 for placement location).**
2. Tap Wall anchors securely into each of the drilled holes.
3. After Wall anchors have been tapped in place, Insert 5x50 wood screws, but leave 1/4" of the screw sticking out of the wall. **(This will give your Range Hood something to hang onto).**

Step 4



Step 5



4. Take the hood unit along with the 6" Round Aluminum duct (Part D). Secure the round aluminum duct to the vent hole at the top of the hood unit using HVAC Aluminum foil tape.

If mounting to a cabinet, skip step 5 and proceed with steps 6-11.

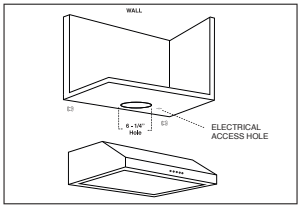
5. If mounting to the wall only, drill a 6-1/4" round hole on the back wall above the hood, OR into the ceiling directly above the hood.

   5a. Remove baffle filters from underneath the hood and set them aside.

   5b. Lift the hood and hang the hood unit on the back wall using the screws drilled in Step 3. Once the hood is securely hung on the wall, tighten the screws from the interior of the hood.

   5c. Pull round aluminum duct through the newly drilled hole in the wall. Plug unit into power outlet. Reinstall baffle filters.

Step 6

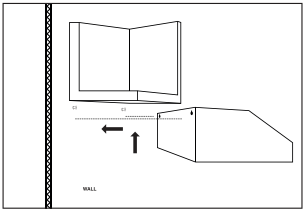


6. Drill a 6 - 1/4" Round Hole into the bottom of the cabinet. Drill a 1 - 1/2" hole into the bottom of the cabinet for the Electrical Access hole.

   See Page 5 for hole location according to the diagram (Top View).

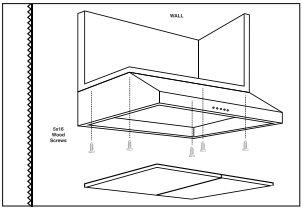
   6a. Pull the round duct & power cord through the bottom of the new cabinet holes.

Step 7



7. Lift the hood and hang the hood unit on the back wall using the screws drilled in Step 3.

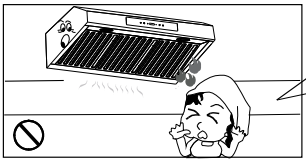
Step 8-9



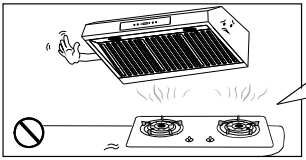
8. Once the Hood is hung to the back wall, Remove the baffle filters from underneath the hood.
9. Drill each of the five pieces of 5x16 wood screws (**Part C**) into the bottom of the cabinet using the five screw holes at the top of the hood.
10. Once the hood is secured into the cabinet, tighten the wood screws located in the back of the hood. Install Baffle filters back into place. Make sure hood is secure by pressing on it. Plug unit into power outlet.

IMPORTANT SAFETY INSTRUCTIONS

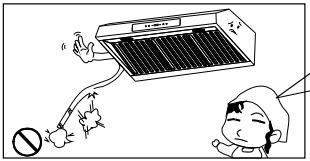
NOTE: The appliance is not to be used by children or persons with reduced physical, sensory, or mental issues, or lack of experience, and knowledge. Unless, they have been given supervision or instruction.



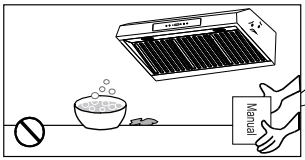
Do not connect the air outlet to chimeny fuels or combustion gas ducts.



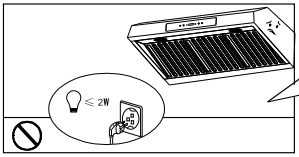
Do not leave unattended open flames under this hood



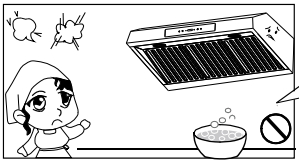
In case of any damage to powere cable, replace the broken cable with a new one by a qualified person.



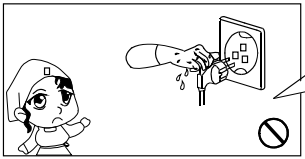
Clean the hood correctly in accordance with the instructions or it might cause the possibility of fire or operation problems.



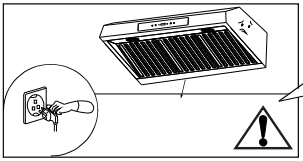
Replacing the LED lamp should be performed by a qualified person. Always use an LED light 2W or less.



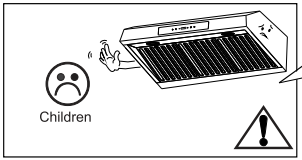
Never wash the control switch with water or it will cause electrical problems for the hood.



Never pull the plug out of the power supply with wet hands to avoid the possibility of electric shock.

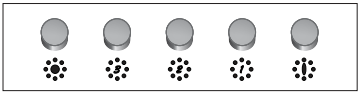


Disconnect the hood from the power supply if the appliance will not be used for an extended period of time.



Please do not allow Children to operate the device without proper supervision.

COMPATIBLE WITH MODELS: UC30



Push Button Controls

How to use the Push Button:

- Press to turn on /off the light.
- Press to select the high speed.
- Press to select the medium speed.
- Press to select the low speed.
- Press to select on/off.

Soft Touch Controls

COMPATIBLE WITH MODELS: UMC30

A. Light. Press to turn light on / off.
B. Timer Button
C. Minus Button (Fan Speed)
D. Plus Button (Fan Speed)
E. Fan Power Button (Starts Max Fan Speed)
F. Power Button. Press to turn unit On/Off

Note: When Fan is ON + or - button will go to Min or Max Settings



Setting the Clock

Clock is in Military Time and cannot be changed.

1. **Hold Timer Button for 3 Seconds**
   Use Light Button (A) to set Minutes
   Use Fan Speed Button (E) to set Hours
2. **Once time is set, Press Timer button to complete.**
3. **After setting the time, leave the unit alone for 5 seconds for the changes to save.**

Setting the Timer

1.Turn fan on and set to desired fan speed.

2. Press the Timer Button (B).
Continue tapping the Timer Button (B) to set the time duration before the fan should automatically turn off.

3. After setting the timer, leave the unit alone for 5 seconds for the changes to save and the timer will start counting down.

MAINTENANCE

CAUTION: Never put your hand inside the unit while it is operating. For the best performance clean your unit frequently.

CLEANING:

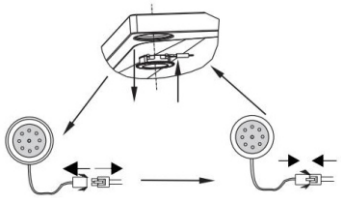
1. Use only mild soap or cleaning solutions to clean the range hoods outer surface. Dry surfaces using a soft cloth.
2. Stainless Steel cleaner may be used on the external surface.
3. Cleaning the Baffle Filters: For daily cleaning, use hot, soapy water and a soft cloth. Wipe dry and finish with a damp micro-fiber cloth. Baffle filters can also be cleaned in the dishwasher.
4. Clean the Range Hood assembly once every 6 months.
5. **DO NOT** clean motor or electrical components with water or any other liquid.

REPLACING LIGHT BULBS

CAUTION: LED LAMP UNIT IS HOT! WAIT BEFORE ATTEMPTING BEFORE ATTEMPTING TO REPLACE LED LAMPS. PLEASE BE SURE THE UNIT IS POWERED OFF & UNPLUGGED.

NOTE: INDIVIDUAL LED BULBS CANNOT BE REPLACED. ONLY LED LAMPS.

1. Remove the baffle filters
2. Find the wire connection of the lamp and unplug.
3. Remove old LED lamp.
4. Plug in new LED lamp.
5. Reinstall the baffle filters.

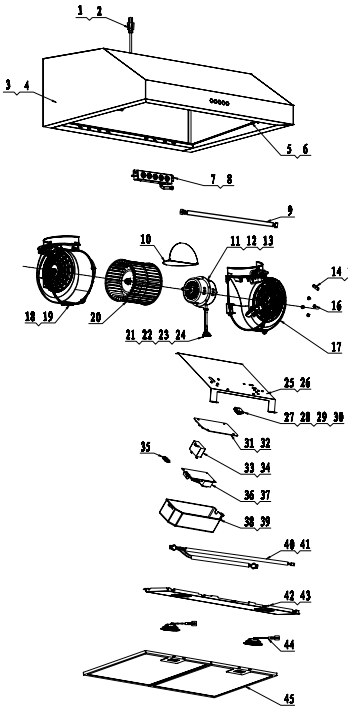


TROUBLESHOOTING

CAUTION: ALWAYS UNPLUG UNIT FROM POWER BEFORE SERVICING

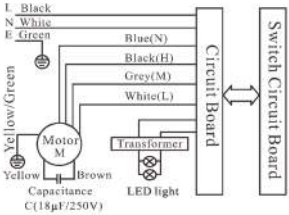
PROBLEM	SOLUTION	TOOLS
My range hood is noisy.	A. Check inside the range hood for any loose debris and remove.	Phillips Screwdriver
My range hood has poor performance..	A. The range hood and cook top are too far away from each other. Optimal distance is 24" to 36" B. There are too many open windows or doors in the area. Close some doors or windows. C. The motor performance has decreased due to wear. Replace motor. D. Check and make sure the tape holding down the damper flaps at the vent hole are removed before use.	Phillips Screwdriver
My range hood shakes.	A. The installation is not secure. Check again and make sure the installation hardware is securely mounted. B. The fan is broken or not balanced. Realign or replace fan. C. The motor is loose. Check and make sure the motor is solidly mounted to the unit.	Phillips Screwdriver
The motor no longer runs.	A. Replace control panel or circuit board. B. Replace with new motor assembly.	Phillips Screwdriver
Light bulbs went out.	A. Replace with a new LED lamp assembly.	Phillips Screwdriver

TECHNICAL INFORMATION



45	Baffle filters	2	PCS
44	LED light	2	PCS
43	Screw	2	PCS
42	Lamp board	1	PCS
41	Cable fixer	3	PCS
40	Lamp cable	1	PCS
39	Screw	2	PCS
38	Plastic box	1	PCS
37	Screw	4	KGS
36	Electrical board	1	PCS
35	Wire groover	1	PCS
34	Screw	1	PCS
33	1.5uF capacitor	1	PCS
32	Screw	4	PCS
31	PCB base board	1	PCS
30	Screw	2	PCS
29	Screw	2	PCS
28	Wire fixer	1	PCS
27	Wire fixer base	1	PCS
26	Rivet	5	PCS
25	PCB base board holder	1	PCS
24	Flat spacer	2	PCS
23	Spring spacer	2	PCS
22	Spacer	2	PCS
21	Screw	2	PCS
20	Plastic fan	1	PCS
19	Screw	13	PCS
18	Motor left cover	1	PCS
17	Motor right cover	1	PCS
16	M5 screw	4	PCS
15	Screw	2	PCS
14	Motor cable fixer	1	PCS
13	Screw	2	PCS
12	Wire fixer	1	PCS
11	Motor	1	PCS
10	Check valve	2	KGS
9	Switch cable	1	SET
8	Screw	2	PCS
7	Push button control	2	PCS
6	Rivet	4	PCS
5	Lamp board holder	2	PCS
4	Switch holder	2	PCS
3	Main body assembly	1	PCS
2	Screw	1	PCS
1	UK plug	1	PCS
	Parts name		

CIRCUIT DIAGRAM



WARRANTY AND SERVICE

Limited Warranty

This unit comes with 5 Year Manufacturer's Part Warranty. Within 5 years after date of receiving the product, Cosmo will replace any functional parts that are defective. The customer must contact Cosmo and provide a description of the defective part, including digital pictures if requested, along with original proof of purchase.

Defective components must be returned to Cosmo shipping prepaid. After the 1st year, shipping costs of replacement parts will also be prepaid by customer.
Functional parts are those components/parts that are critical to the performance of the product's essential function.

Non-functional parts are those that are a cosmetic feature of the product such as knobs, grates, other metal bodies surfaces, etc.

A. Warranty does not cover failure as result of: misuse, abuse, rust or corrosion, spilled liquids or foreign objects found inside the unit; repair of damage caused by accident, theft, fire, flood, external causes such as, but not limited to, blow fuses, inadequate electrical power, water and gas lines beyond the equipment, or any use of the product not authorized by the manufacturer.

B. The maximum liability of the warranty for product replacement or repair shall not exceed the original purchase price of the product.

C. Cosmo reserves the right to repair or replace the covered product with a comparable feature model of like kind.

D. Warranty does not cover deterioration of the appearance of the product, any cosmetic part such as paint, porcelain, glass, dents, scratches, chips, rust or peeling.

E. Any damage resulting from unauthorized replacement parts, improper service or modifications made to the covered product are not covered.

F. Cosmo is released from all liability due to indirect, consequential or incidental damages.

G. If replacement unit(s) is needed, shipping will be paid by the customer.

TO RECEIVE WARRANTY SERVICE, YOUR PRODUCT MUST BE REGISTERED.
TO REGISTER, VISIT: WWW.COSMOAPPLIANCES.COM/WARRANTY