

Whirlpool® JENNAIR® KitchenAid®

TECHNICAL MANUAL

Vent Hoods



W10403806 Rev B

FOREWORD

This Vent Hood Controls and Motor Access Guide (W10403806 Rev B), provides the In-Home Service Professional with information on how to access the control switch(es) and exhaust motor on Vent Hoods. For specific information on the model being serviced, refer to the information supplied with the Vent Hood. Always use the Tech Sheet supplied with the product when servicing the Vent Hood.

The Wiring Diagram used in this Technical Manual is typical and should be used for training purposes only. Always use the Wiring Diagram supplied with the product when servicing the Vent Hoods.

For specific operating and installation information on the model being serviced, refer to the literature provided with the Vent Hoods.

GOALS AND OBJECTIVES

The goal of this Technical Manual is to provide information that will enable the In-Home Service Professional to properly gain access to the control switch(es) and exhaust motor of Vent Hoods.

The objectives of this Technical Manual are to:

- Understand and follow proper safety precautions.
- Successfully troubleshoot and diagnose malfunctions.
- Successfully access control or motor components that require repair or replacement.
- Successfully return the vent hood to its proper operational status.

WHIRLPOOL CORPORATION assumes no responsibility for any repairs made on our products by anyone other than authorized In-Home Service Professionals.

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Notes

Safety

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word “DANGER” or “WARNING.”

These words mean:

⚠ DANGER

You can be killed or seriously injured if you don't immediately follow instructions.

⚠ WARNING

You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

NOTICE TO THE TECHNICIAN

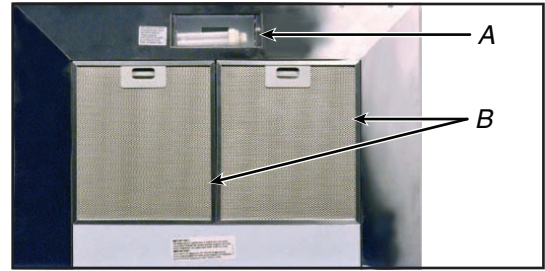
It is the responsibility of the Service Technician to comply with all EPA Regulations and Standards and possess all necessary State and Federal licenses when servicing vent hoods.

Federal regulations and Standards can be found on the United States Government EPA Web Site. State Regulations and Standards and licensing requirements, in most cases, can be found on the State Government Web Site

GXW7330DXS, GXW7336DX Whirlpool Vent Hoods



2 Filters



A. Control Location

B. Filters

Hood is shown from underside removed from Installation

WARNING



Electrical Shock Hazard

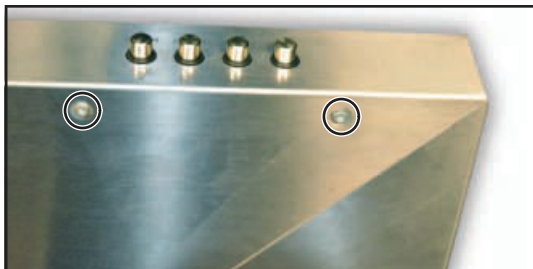
Disconnect power before servicing.

Replace all parts and panels before operating.

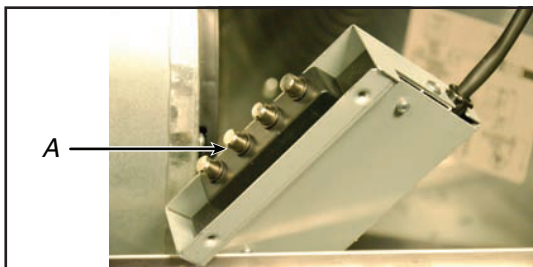
Failure to do so can result in death or electrical shock.

Removal of Control:

1. Disconnect power to the Vent hood.
2. Remove the filters.
3. Remove two (2) T10 Torx⁺ screws from the under side of the frame at the right corner of the hood.

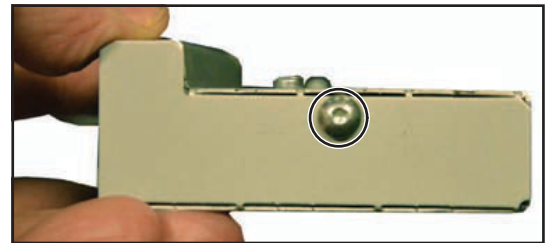


4. Pull the metal control housing out through the filter opening.

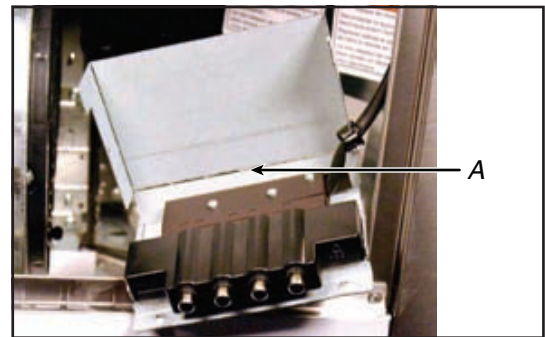


A. Control

5. Remove two (2) T10 Torx screws, one (shown in below figure) and one on the other side of the box.

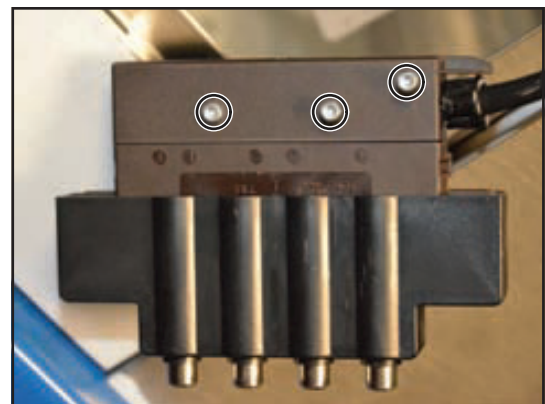


6. Pull the top of the box open slowly. The top of the box is attached by "sheet metal hinges" that will break easily.



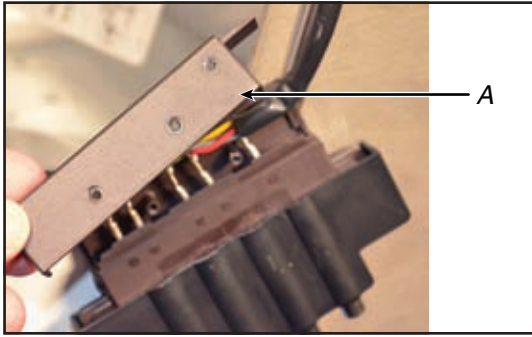
A. Sheet Metal Hinge

7. Remove three (3) T10 Torx screws from the bottom of the box to release the plastic switch box.



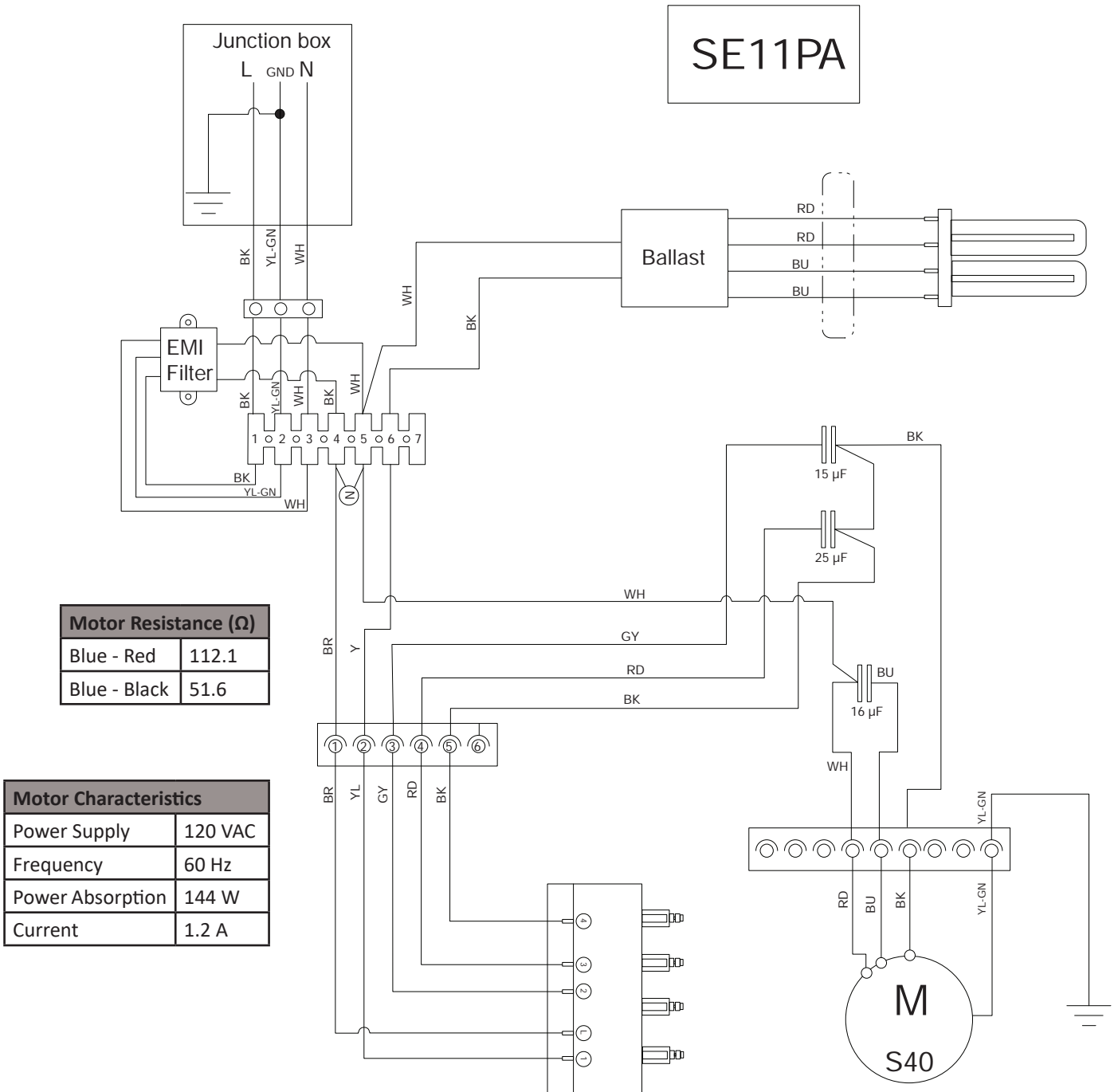
⁺Torx, T10, and T20 are registered trademarks of Acument Intellectual Properties, LLC.

8. Remove cover to access wire connections.

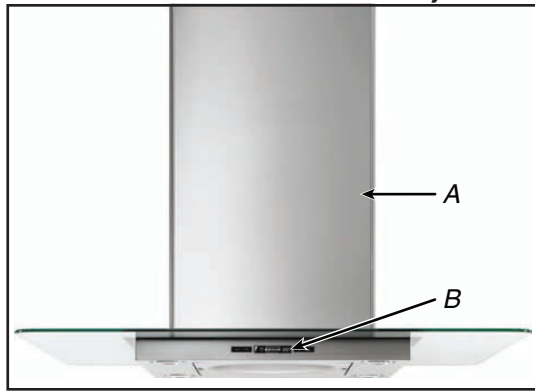


A. Control

Wiring Diagram



JXI5042WS, JXI5036WS JennAir Vent Hoods



A. Motor Housing
B. LCD Display

WARNING

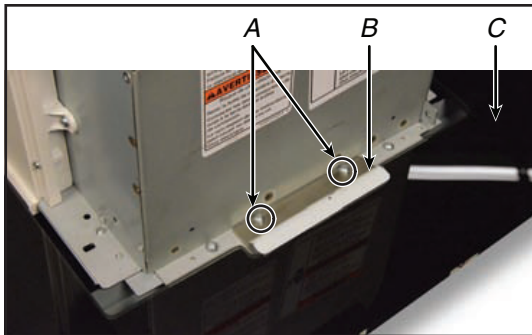


Electrical Shock Hazard

Disconnect power before servicing.
Replace all parts and panels before operating.
Failure to do so can result in death or electrical shock.

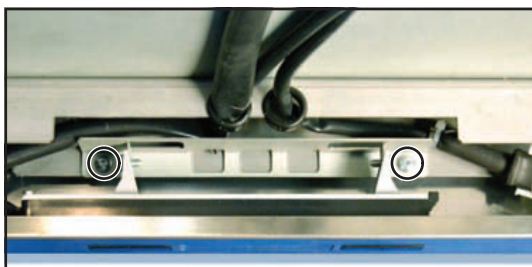
Removal of LCD Display:

1. Disconnect power to the vent hood.
2. Remove the vent Hood from the installation.

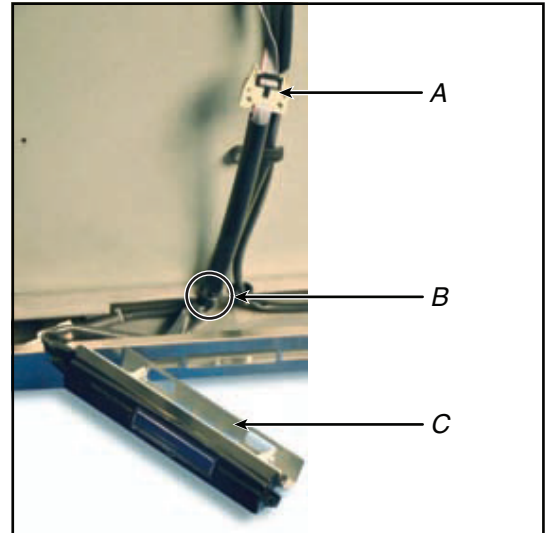


A. Screws
B. Glass Retainer Bracket
C. Glass

3. Remove four (4) T10 Torx screws that secure the two (2) glass retainer brackets.
4. Remove two (2) T10 Torx screws from control bracket.



5. Disconnect harness.
6. Remove strain relief from the control panel.

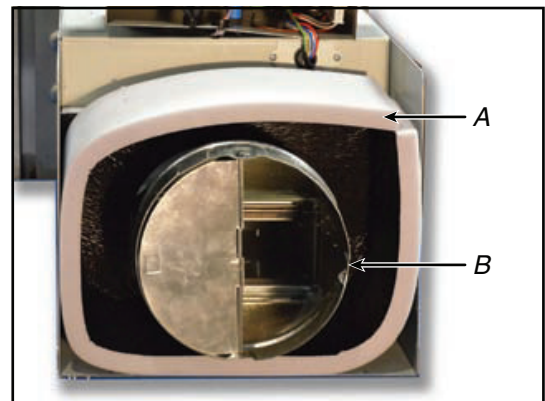


A. Harness Connector
B. Harness Strain Relief
C. LCD Display with Bracket

7. Remove two (2) T10 Torx screws that mount the display to the bracket.

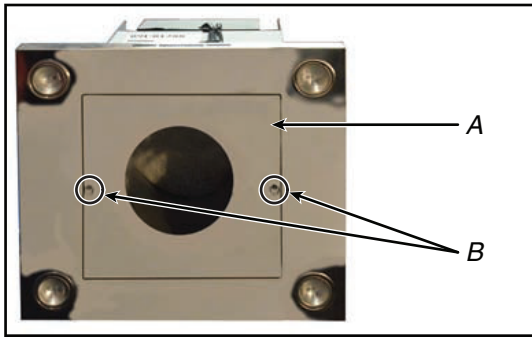
Removal of Motor:

1. Disconnect power to the vent hood.
2. Remove the vent hood from the installation.
3. Remove the glass. See figure on step 2 from Removal of LCD Display.
4. Remove the foam insulation from around the top of the Vent hood flue.



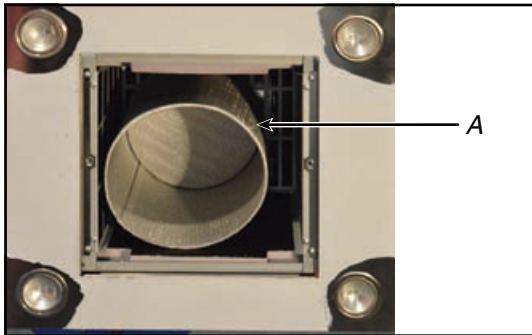
A. Foam Insulation
B. Flue

5. Remove two (2) thumb screws to release intake cover at the bottom of the unit.



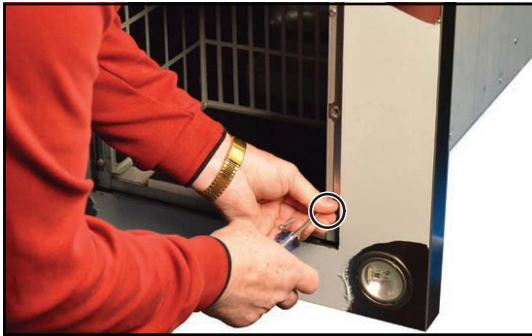
A. Intake Cover
B. Thumb Screws

6. Remove filter.

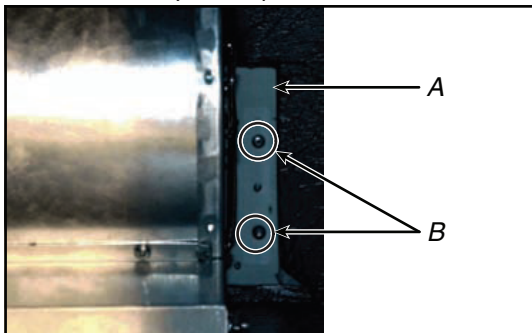


A. Filter

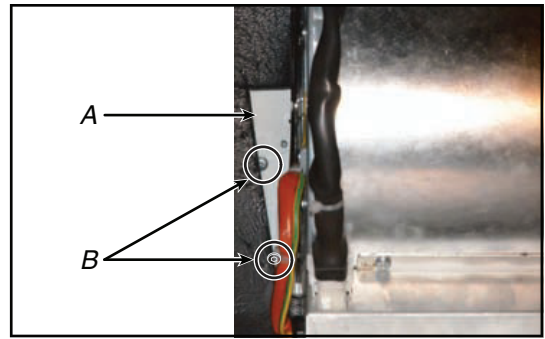
7. Remove (4) T10 Torx screws one in each corner of the filter guard.



8. Remove (4) T10 Torx screws from the motor mounting plate.
NOTE: It is recommended that an extension be used with the screw driver because these screws are difficult to reach. Screws also may be obstructed by insulation. If this is the case, move the insulation out of the way and replace it when reassembling.

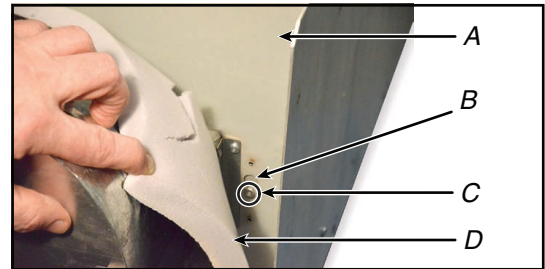


A. Filter Guard
B. Thumb Screws

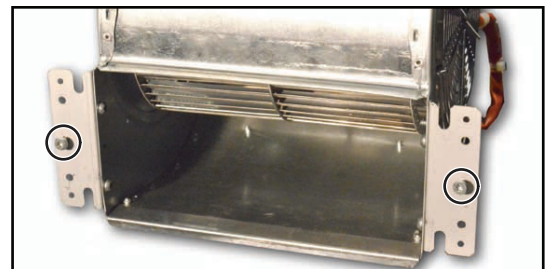


A. Filter Guard
B. Thumb Screws

9. Loosen or remove (2) T20 Torx screws (one on each side) that mounts the motor into "key hole" slots at the top of the Vent hood.



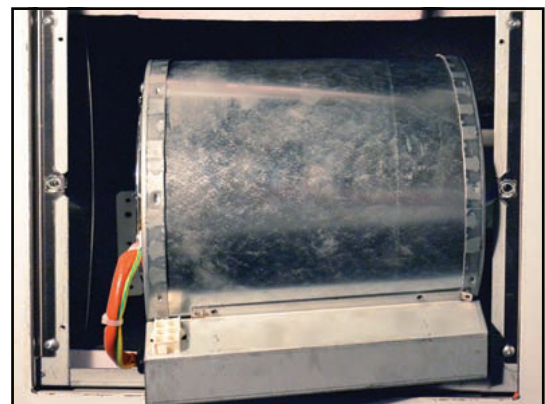
A. Top of the Hood
B. Key Hole Slot
C. T20 Torx Screw
D. Foam Insulation



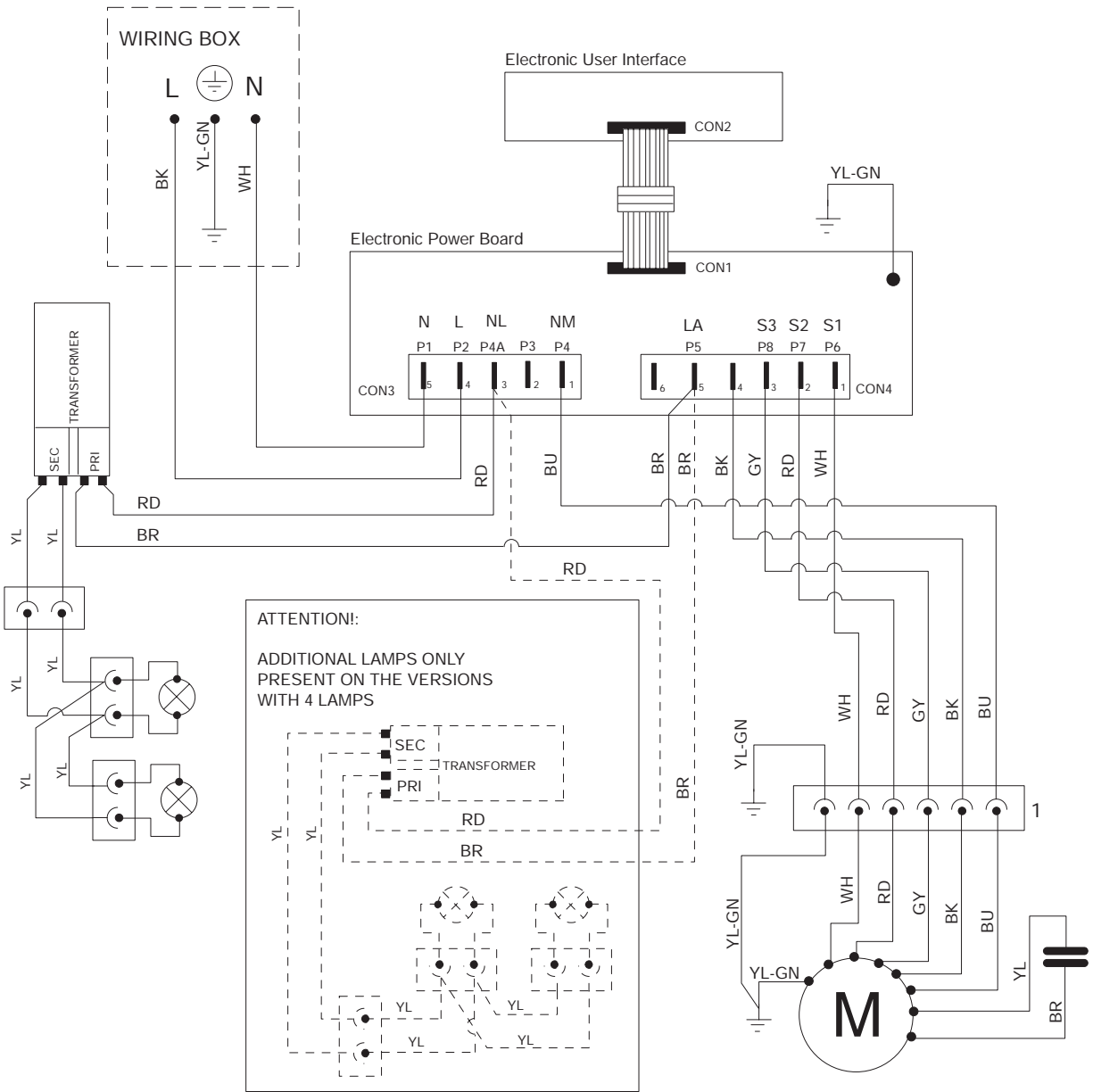
Back of Motor removed from Hood

NOTE: The "key hole" screws are covered by a piece of foam insulation. Be sure to replace the insulation when reassembling.

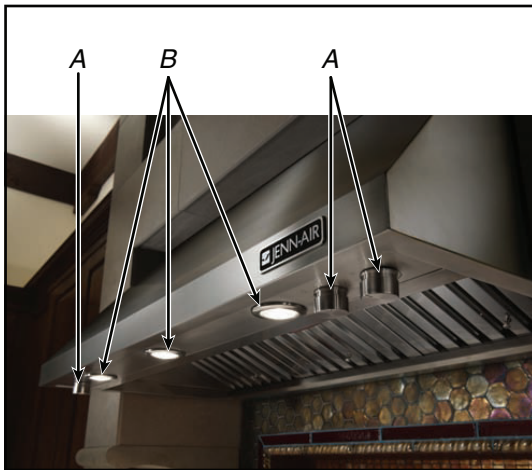
10. Position the motor so that the screw heads clear the "key hole" slots and remove the motor.



Wiring Diagram

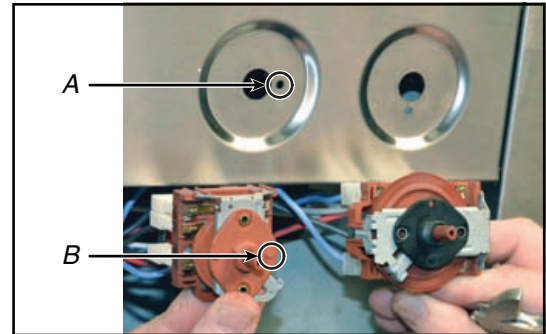


JXW9030WS, JXW9036WS, JXW9048WS JennAir Vent Hoods



A. Knobs
B. Front Panel (Hologen Lights)

6. The switches can be removed and disconnected.



A. Locator Hole
B. Locator Pin

NOTE: Be sure to note the position of the locator pins on each switch and orient the switches properly when reassembling.



Switch Functions

WARNING



Electrical Shock Hazard

Disconnect power before servicing.
Replace all parts and panels before operating.
Failure to do so can result in death or electrical shock.

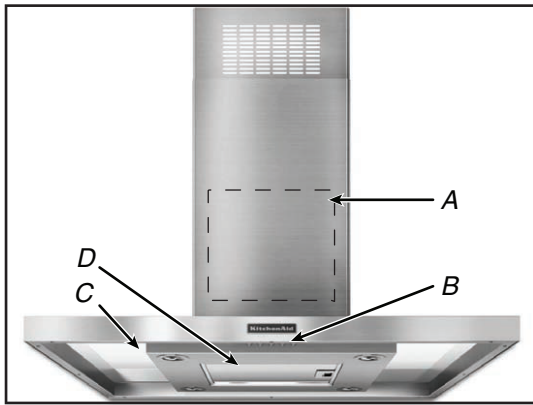
Removal of Switches:

1. Disconnect power to the vent hood.
2. Remove the air filters.
3. Remove two (2) T10 Torx screws from the underside of the front panel. This is the panel that accommodates the incandescent lights.



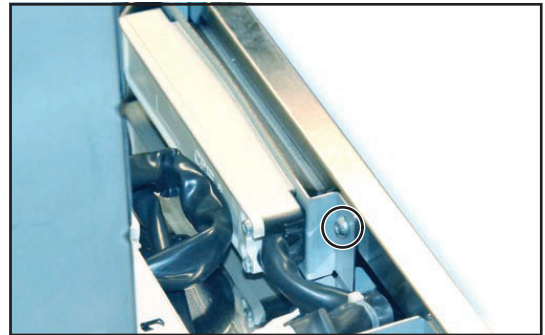
4. Remove the knobs.
5. Remove the center shaft nuts securing the switches in place.

KXI2530YSS, KXW2536YSS, KXW2548YSS KitchenAid Vent Hoods

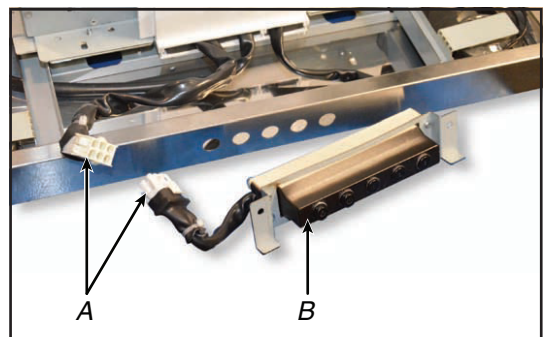


A. Motor
B. Control
C. Glass and Frame
D. Filter

- Remove the glass and frame and place it in a secure location.
NOTE: Visually center glass around box (duct) when reassembling.
- Remove two (2) T20 Torx screws from the control.



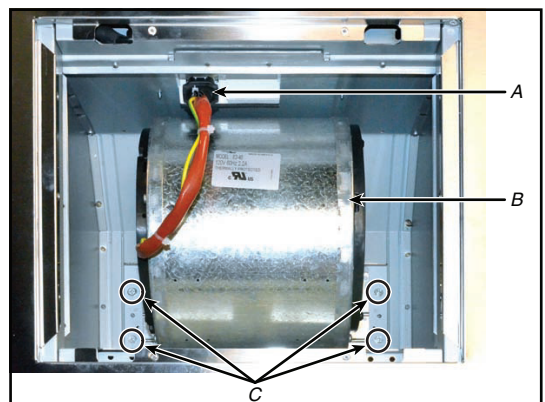
- Disconnect harness and remove control.



A. Connectors
B. Control

Removal of Motor:

- Disconnect power to the vent hood.
- Remove the filters.
- Disconnect the harness.
- Remove four (4) 1/4" screws from the motor mounting bracket.



A. Motor Connector
B. Motor
C. Screws

NOTE: It is recommended that a screwdriver extension be used because these screws are difficult to reach.

⚠ WARNING

Electrical Shock Hazard

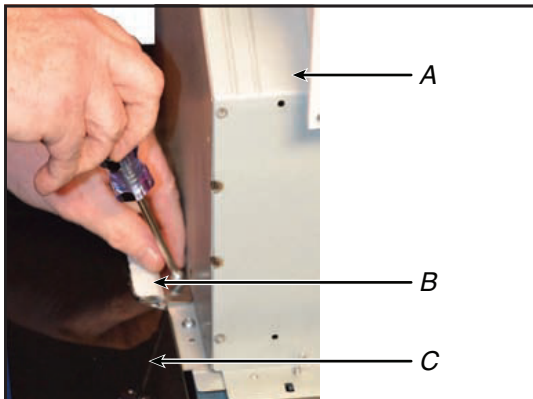
Disconnect power before servicing.

Replace all parts and panels before operating.

Failure to do so can result in death or electrical shock.

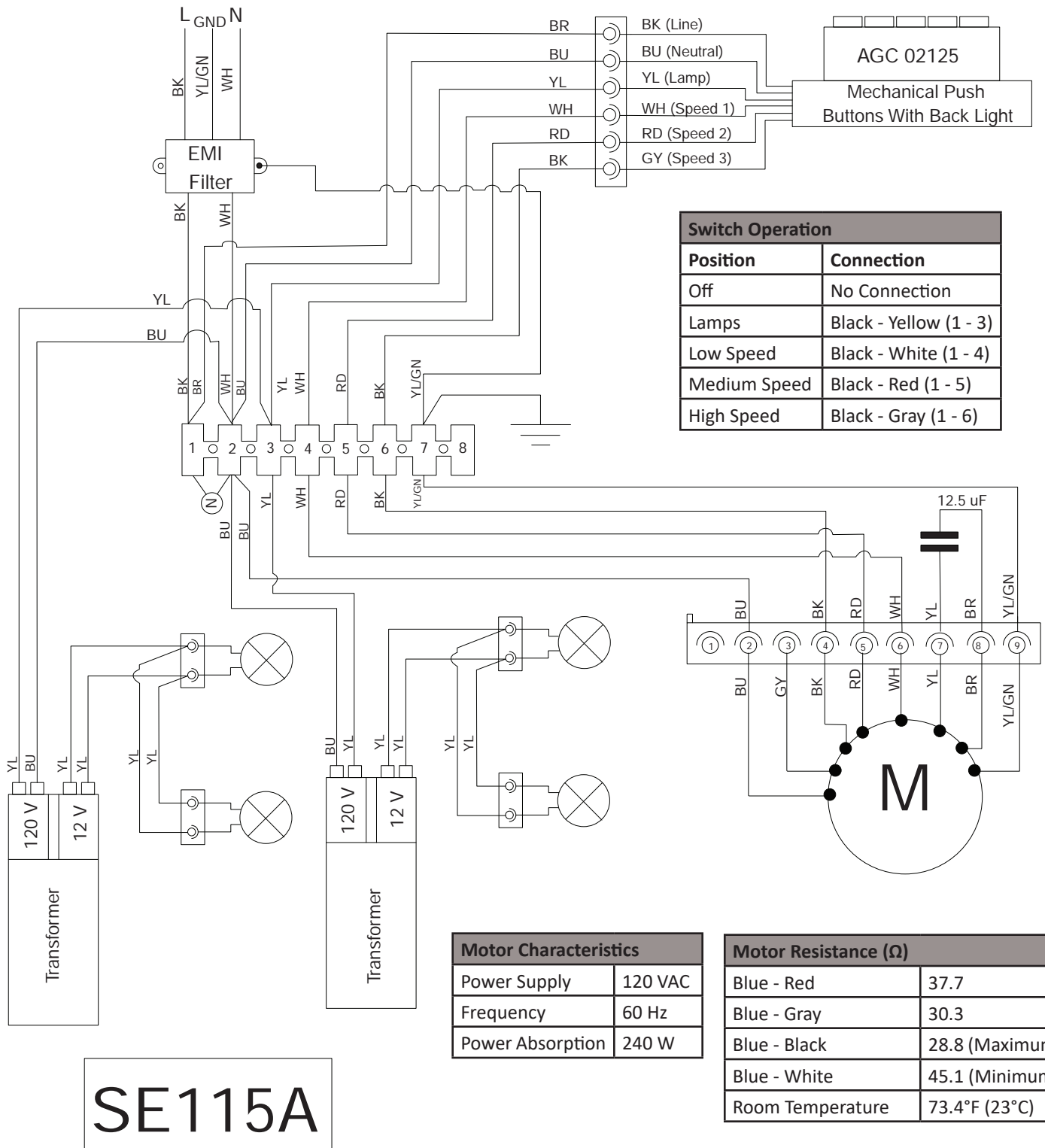
Removal of Control:

- Disconnect power to the vent hood.
- Remove the hood from installation.
- Remove the filters.
- Remove four (4) T20 Torx screws that secure glass hold down brackets two (2) screws on either side of the motor housing base.

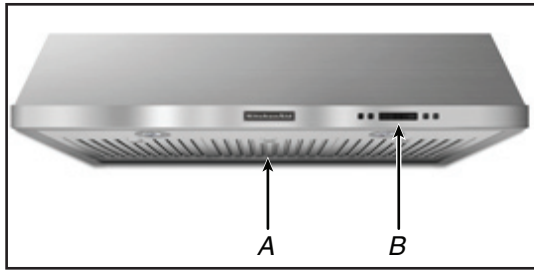


A. Motor Housing
B. Glass Hold Down Bracket
C. Glass

Wiring Diagram

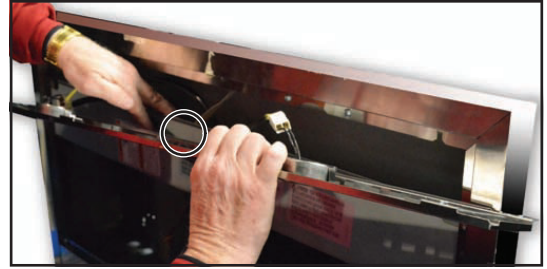


KXU4236YSS, KXU4230YSS KitchenAid Vent Hoods

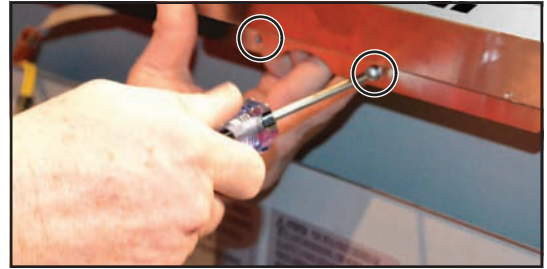


A. 3 Filters
B. Control

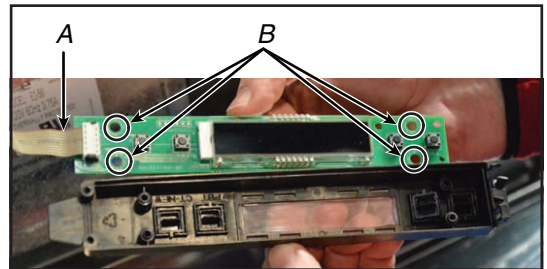
5. Disconnect the ribbon cable behind the light panel and remove the panel.



6. Remove two (2) T10 Torx screws that secure the switch housing to the frame.



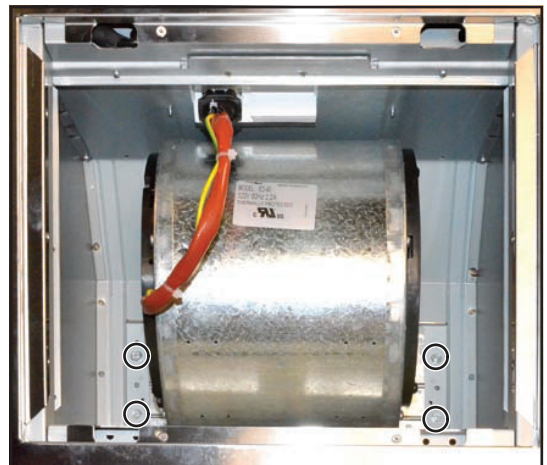
7. Remove four (4) screws that secure the board to the switch housing. Disconnect ribbon cable.



A. Ribbon Cable
B. T10 Torx

Removal of Motor:

1. Disconnect power from the vent hood.
2. Remove the filters.
3. Remove four (4) 1/4" hex head phillips screws from the motor mounting bracket.



WARNING



Electrical Shock Hazard

Disconnect power before servicing.
Replace all parts and panels before operating.
Failure to do so can result in death or electrical shock.

Removal of Control:

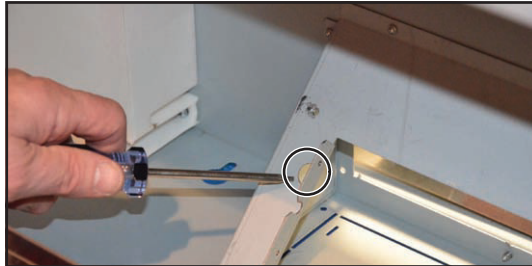
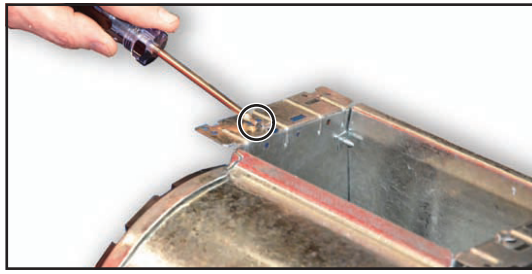
1. Disconnect power to the vent hood.
2. Remove the filters.
3. Remove four (4) T10 Torx screws from under the frame, two (2) screws at the corner of each side panel.



4. Remove two (2) T20 Torx screws, one from each side of the light panel.

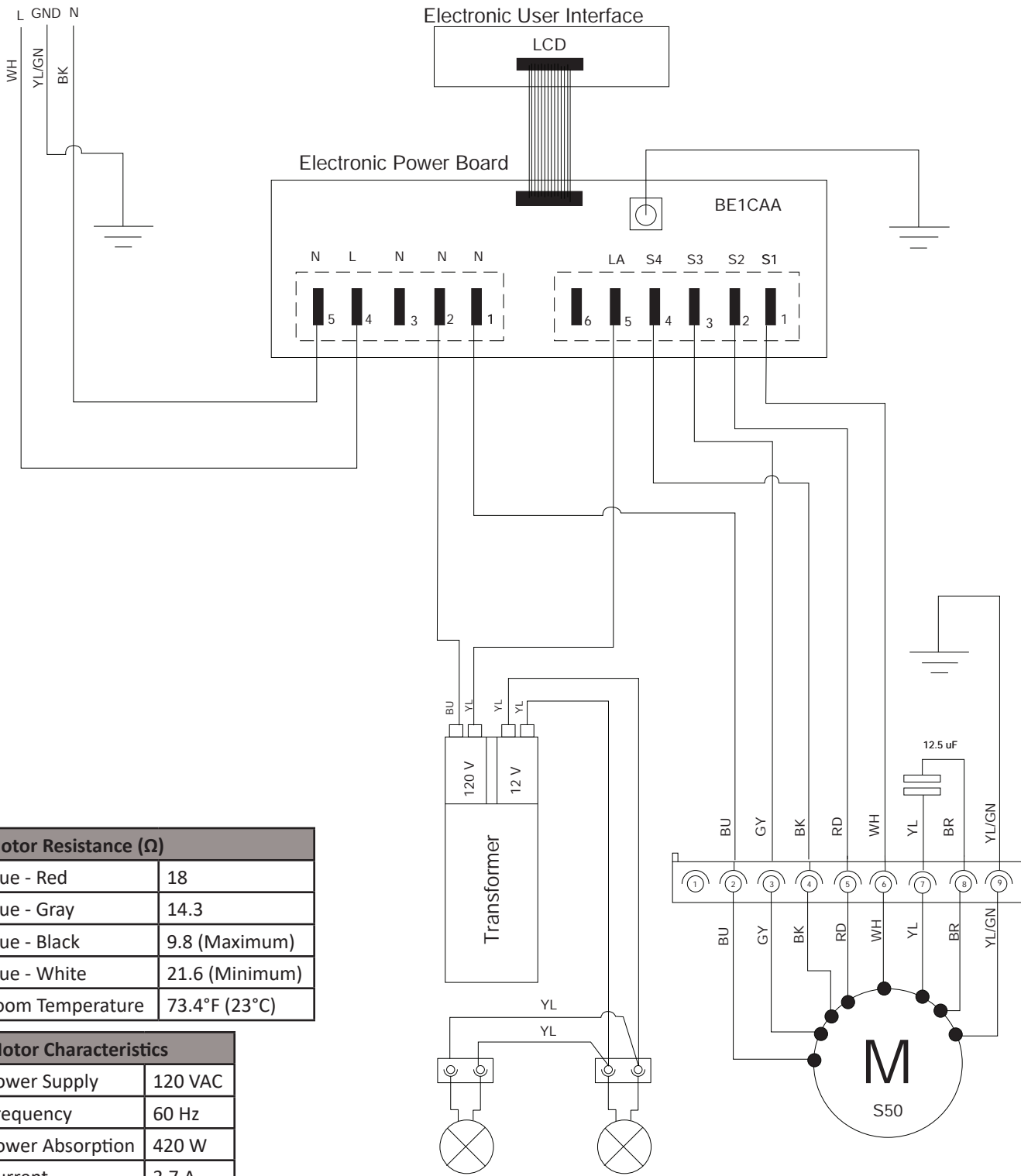


-
4. Slightly rotate and reposition the motor to disengage the stamped metal “ears” that mate with opening in the motor mounting bracket.



5. Disconnect electrical plug from the printed circuit board.

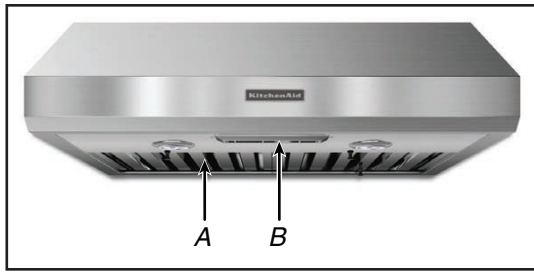
Wiring Diagram



Motor Resistance (Ω)	
Blue - Red	18
Blue - Gray	14.3
Blue - Black	9.8 (Maximum)
Blue - White	21.6 (Minimum)
Room Temperature	73.4°F (23°C)

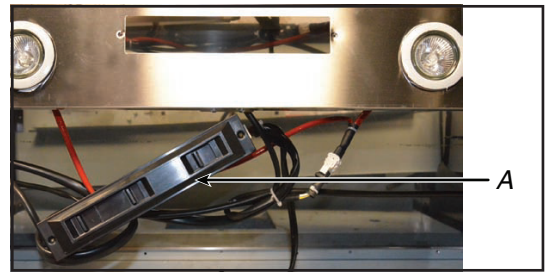
Motor Characteristics	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	420 W
Current	3.7 A

KXU8030YSS, KXU8036YSS KitchenAid Vent Hoods



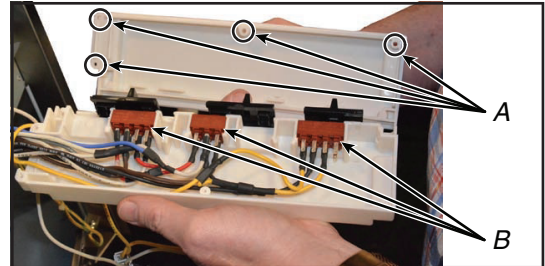
A. 2 Filters
B. Control

- Remove the switch housing from the light panel.



A. Switch Housing

- Remove four (4) T10 Torx screws that attach the cover to the switch box assembly.

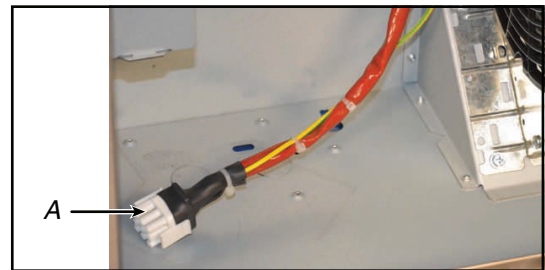


A. Screw Locations
B. Switches

- Test and or replace the affected switch.

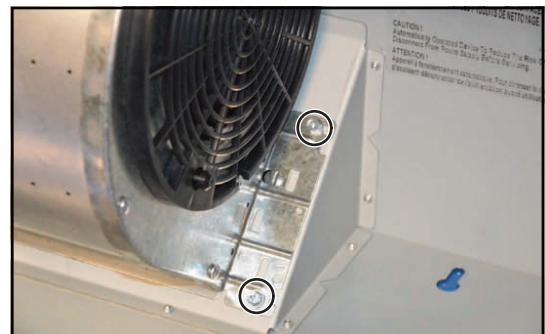
Removal of Motor:

- Disconnect power to the vent hood.
- Remove the filters.
- Disconnect quick disconnect plug.



A. Quick Disconnect

- Remove four (4) hex head phillips screws from the two (2) motor mount brackets.



⚠ WARNING



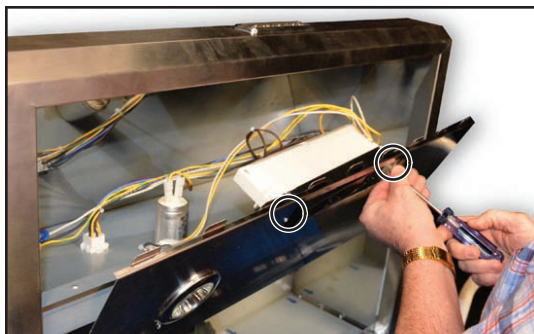
Electrical Shock Hazard
Disconnect power before servicing.
Replace all parts and panels before operating.
Failure to do so can result in death or electrical shock.

Removal of Control:

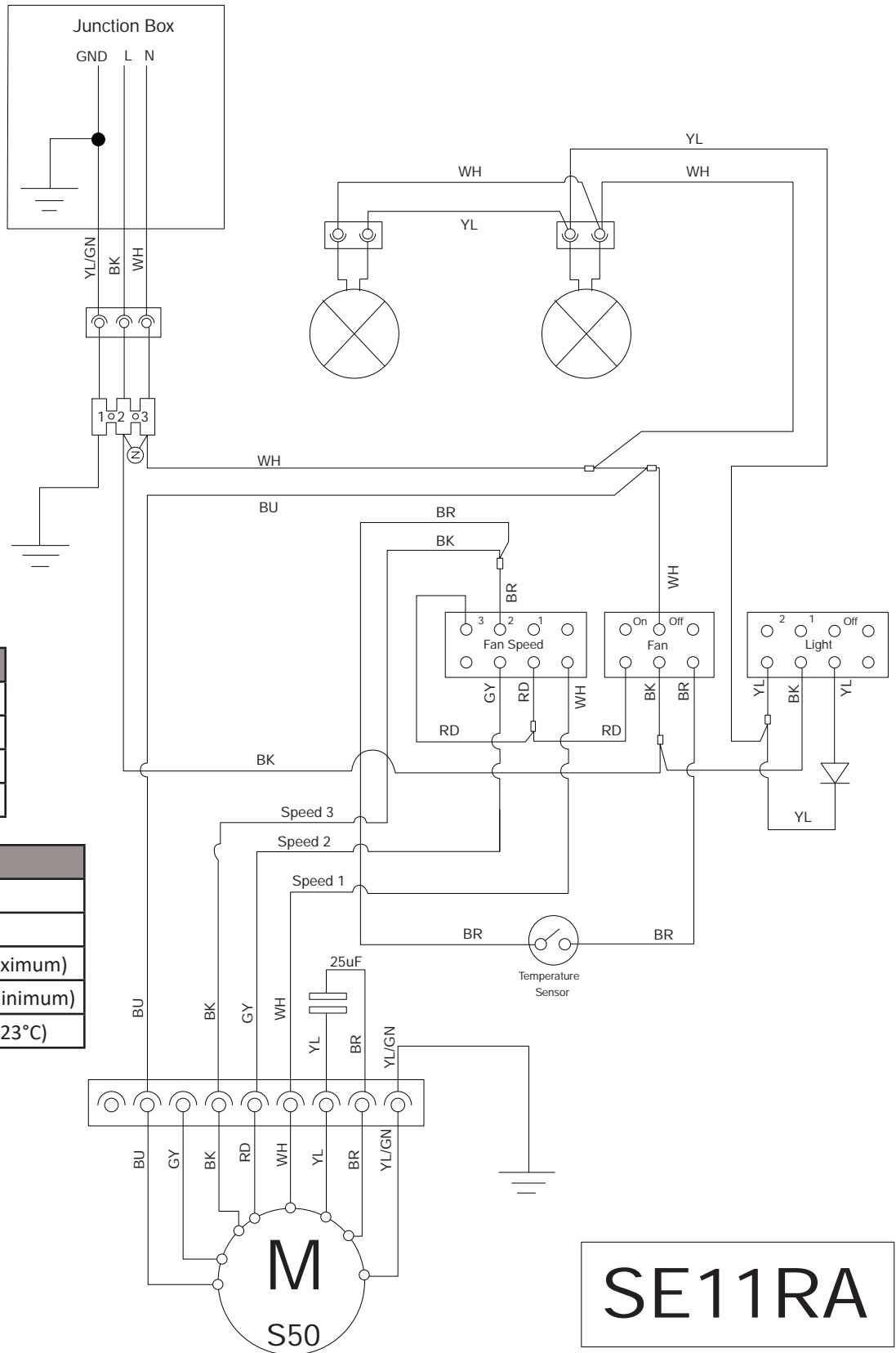
- Disconnect power from the vent hood.
- Remove the filters.
- Remove four (4) T10 Torx screws from backside of the light panel.



- Remove two (2) T10 Torx screws that secure the switch box to the light panel.



Wiring Diagram

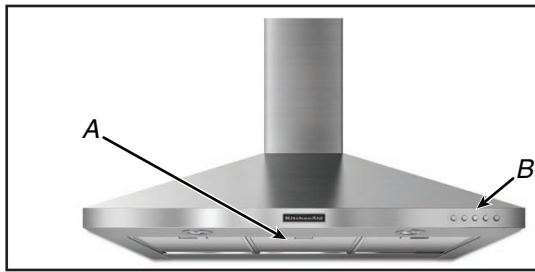


Motor Characteristics	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	240 W
Current	3.7 A

Motor Resistance (Ω)	
Blue - Red	18
Blue - Gray	14.3
Blue - Black	9.8 (Maximum)
Blue - White	21.6 (Minimum)
Room Temperature	73.4°F (23°C)

SE11RA

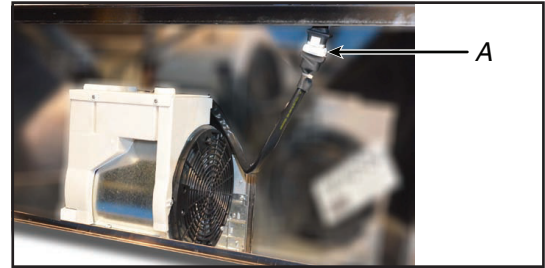
KXW2330YSS, KXW2336YSS KitchenAid Vent Hoods



A. Filters
B. Control

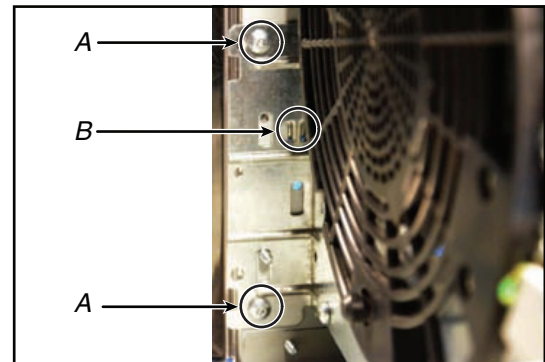
Removal of Motor:

1. Disconnect power from the vent hood.
2. Remove the filters.
3. Disconnect control and harness connector.

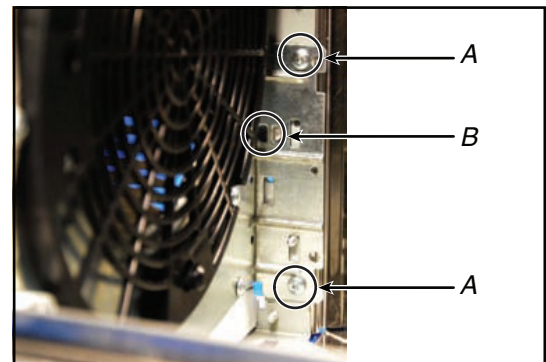


A. Harness Connector

4. Remove four (4) T10 Torx screws from the motor mounting plate two (2) on each side.

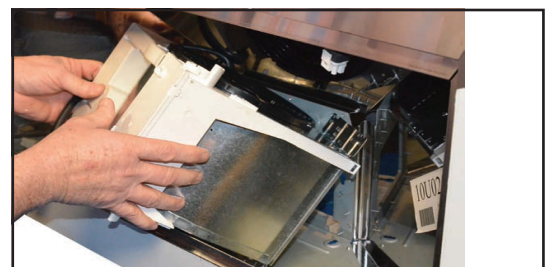


A. Screws
B. Ears



A. Screws
B. Ears

5. Disengage locating "ears" from the slots at the back of each bracket. Refer above figure.
6. Pull motor out.



⚠ WARNING

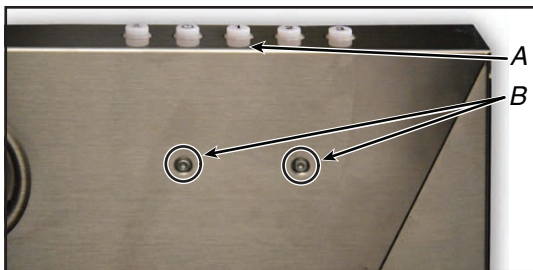


Electrical Shock Hazard

Disconnect power before servicing.
Replace all parts and panels before operating.
Failure to do so can result in death or electrical shock.

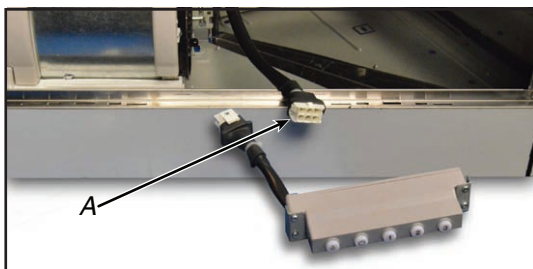
Removal of Control:

1. Disconnect power to the vent hood.
2. Remove the filters.
3. Remove two (2) T10 Torx screws from the right underside of the light panel.



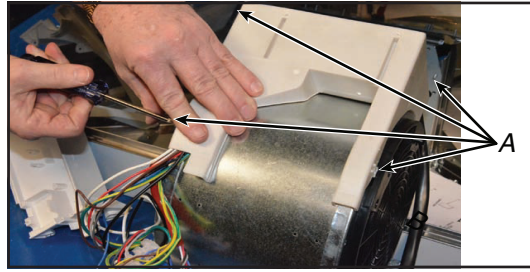
A. Control
B. Screws

4. The control can now be easily accessed. Disconnect the control harness.

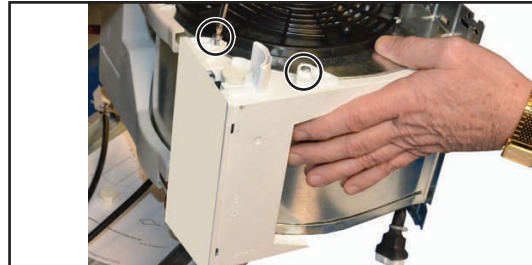


A. Control Harness Connector

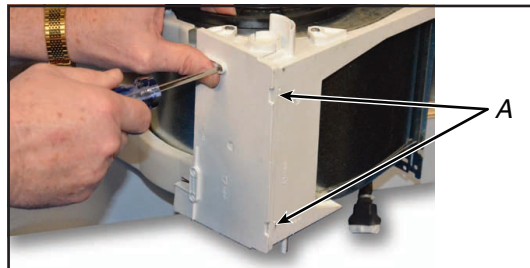
7. Remove six (6) T10 Torx screws that mount the electrical housing around the motor.



A. Screws

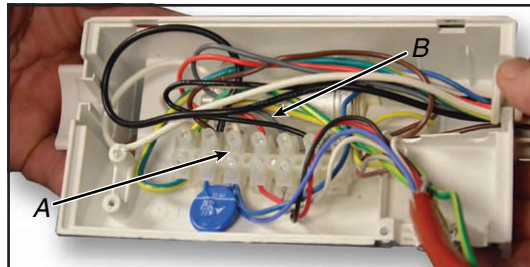


8. Remove two (2) T10 Torx screws and disengage two (2) tabs that secure the wiring harness cover.



A. Tabs

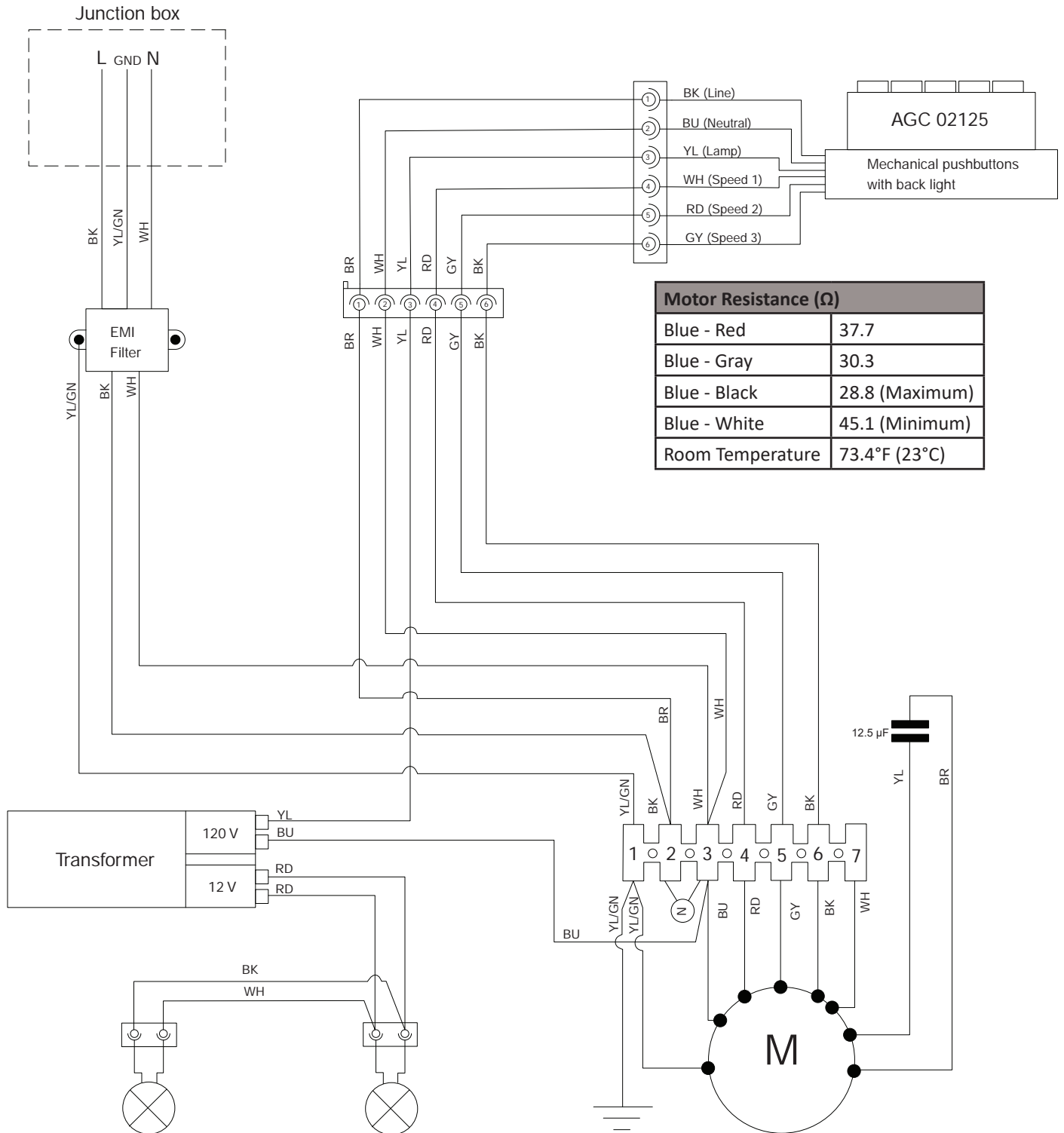
9. Disconnect motor wiring harness from connector block and remove motor.



A. Connector Block

B. Motor Wiring Harness

Wiring Diagram

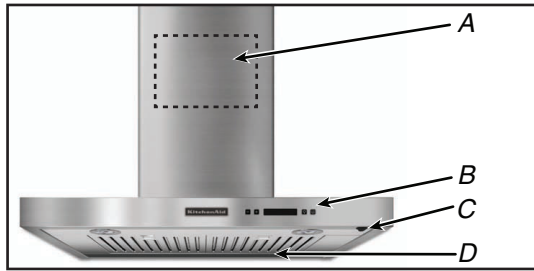


Motor Resistance (Ω)	
Blue - Red	37.7
Blue - Gray	30.3
Blue - Black	28.8 (Maximum)
Blue - White	45.1 (Minimum)
Room Temperature	73.4°F (23°C)

Switch Operation	
Position	Connection
Off	No Connection
Lamps	Black - Yellow (1 - 3)
Low Speed	Black - White (1 - 4)
Medium Speed	Black - Red (1 - 5)
High Speed	Black - Gray (1 - 6)

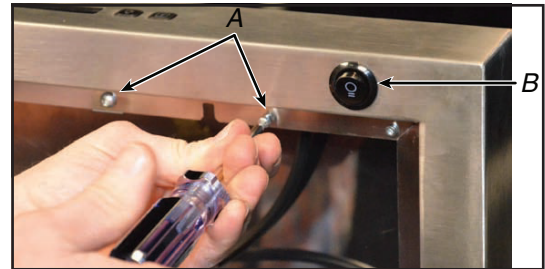
Motor Characteristics	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	240 W

KXI4336YSS, KXI4342YSS, KXW4336YSS, KXW4330YSS, KXW4436YSS, KXW4430YSS KitchenAid Vent Hoods



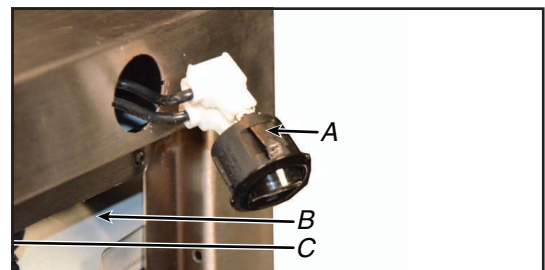
- A. Motor
- B. Control
- C. Light Switch
- D. Two Filters

5. Remove two (2) T10 Torx screws, that secure the on/off switch bracket to the frame.



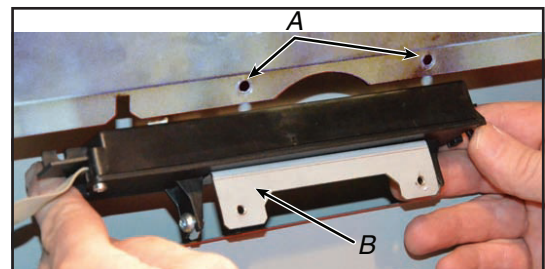
- A. Screws
- B. ON/OFF Switch

6. Depress the switch retainers and pull the switch out the front of the panel.



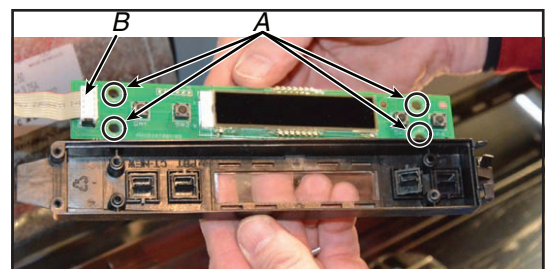
- A. Light Switch
- B. Switch Bracket
- C. Strain Relief

7. Remove two (2) T10 Torx screws to release the control bracket.



- A. Screws Location
- B. Control Bracket

8. Remove two (2) T10 Torx screws from the control box cover.



- A. Screws Location
- B. Ribbon Connector

9. Remove four (4) T10 Torx screws from the Electronic User Interface board and disconnect ribbon connector. Refer above figure.

⚠ WARNING

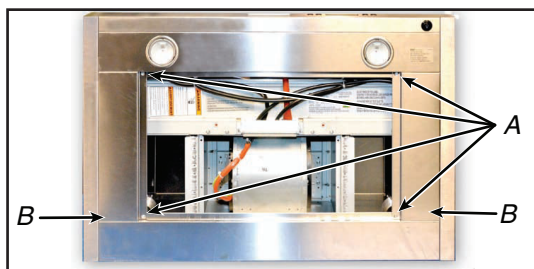


Electrical Shock Hazard

Disconnect power before servicing.
Replace all parts and panels before operating.
Failure to do so can result in death or electrical shock.

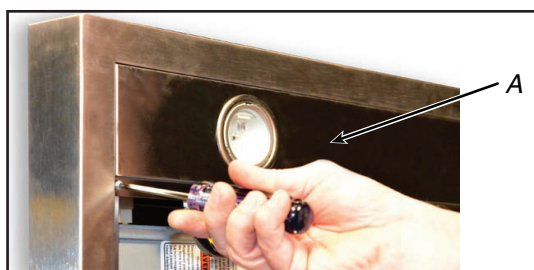
Removal of Light Switch and Control:

1. Disconnect power from vent hood.
2. Remove the filters.
3. Remove two (2) T10 Torx screws each from the right and left of side panels total of four (4).



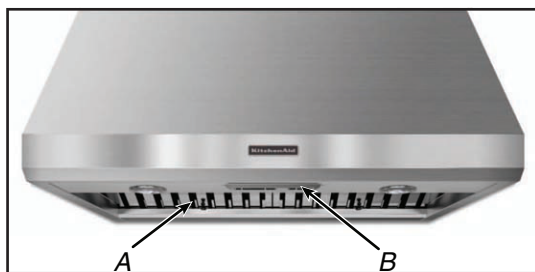
- A. Screws
- B. Side Panels

4. Remove four (4) T10 Torx screws, two (2) from each side of the light panel.



- A. Light Panel

KXW8730YSS, KXW8736YSS, KXW8748YSS KitchenAid Vent Hoods



A. 2 Filters
B. Control

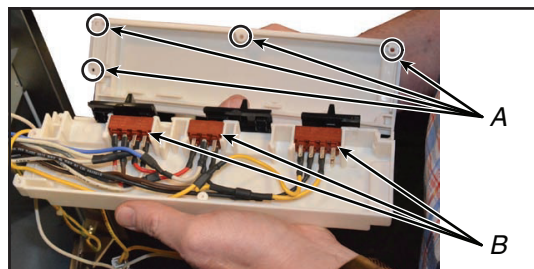
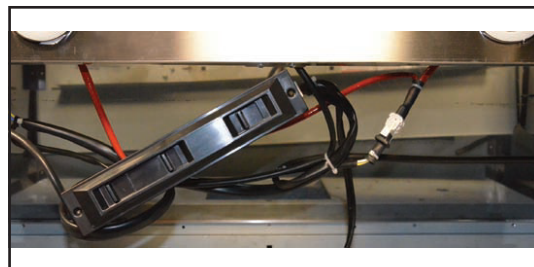
- Remove two (2) screws, one on each side of the filter retainer panel, remove the panel.



- Remove two (2) screws, one at on each side of the control switch.



- Remove the control switch from the light panel.



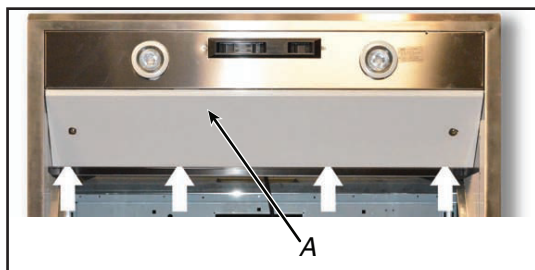
A. Screw Locations
B. Switches

⚠ **WARNING**

Electrical Shock Hazard
Disconnect power before servicing.
Replace all parts and panels before operating.
Failure to do so can result in death or electrical shock.

Removal of Control Switch:

- Disconnect power from vent hood.
- Remove the filters.
- Remove four (4) T20 screws along the underside edge of the front filter retainer.

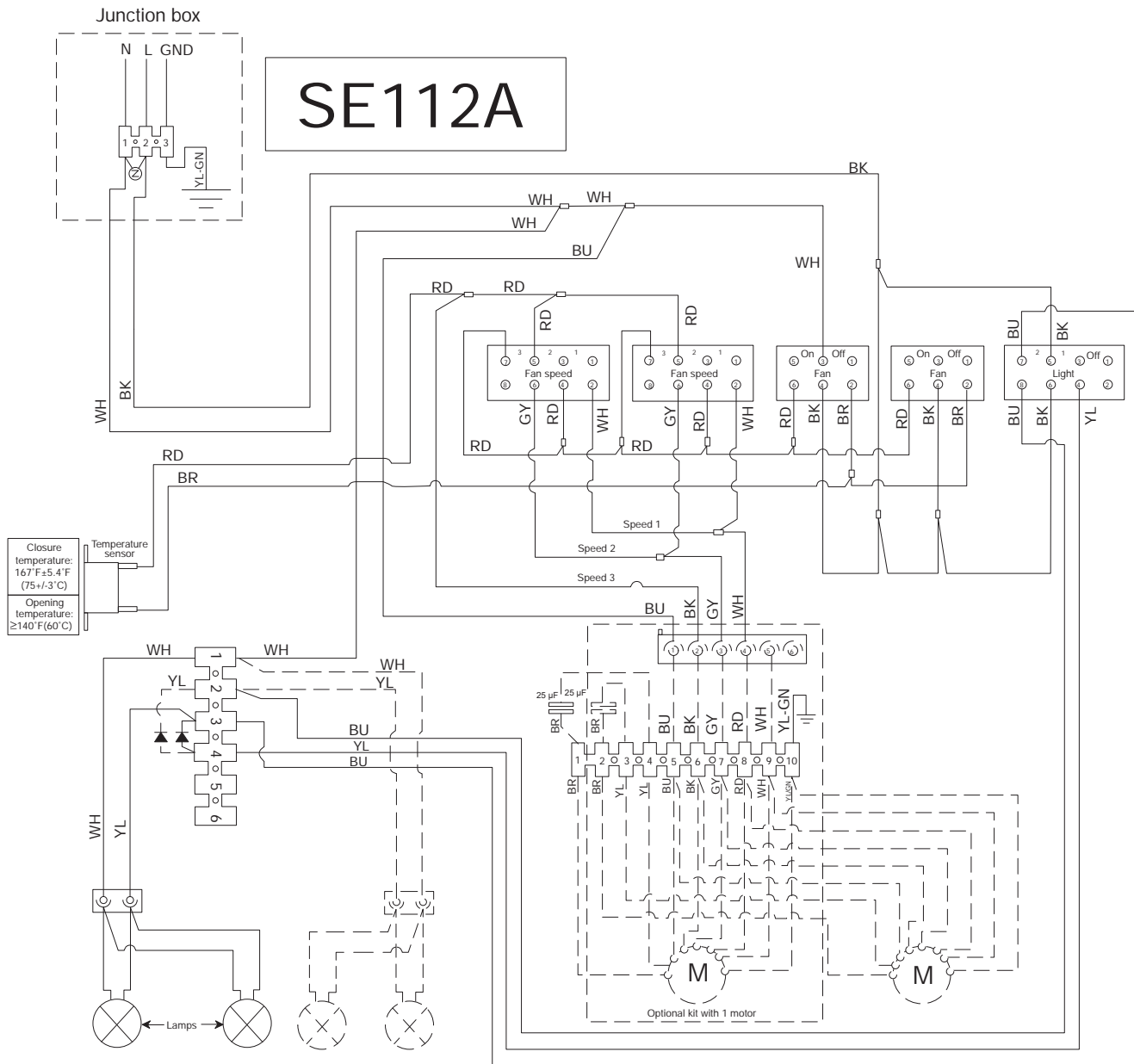


A. Front Filter Retainer Panel

- Remove two (2) screws, one at each end of the front filter retainer panel.



Wiring Diagram



Motor Characteristics	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	420 W
Current	3.7 A

Motor Resistance (Ω)	
Blue - Red	18
Blue - Gray	14.3
Blue - Black	9.8 (Maximum)
Blue - White	21.6 (Minimum)
Room Temperature	73.4°F (23°C)

Switch Operation with Button "ON-OFF"		
Position	ON	OFF
Connection	④-⑥	④-②
Action	Motor ON	Motor OFF

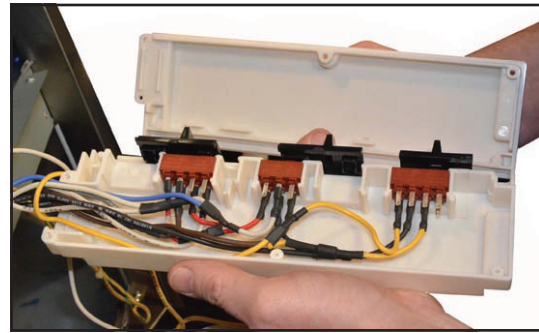
Switch Operation with Button "1-2-3"			
Position	1	2	3
Connection	④-②	④-⑥	⑤-⑦
Action	Speed 1	Speed 2	Speed 3

Switch Operation with Button "Light"			
Position	OFF	1	2
Connection	④-②	④-⑥	⑤-⑦ ⑥-⑧
Action	Lights Off	Low Intensity	High Intensity

KXI9736YSS, KXI9748YSS KitchenAid Vent Hoods



- A. Motor
- B. Control
- C. Three Filters



5. Remove and/or replace the switch(es) as needed.
NOTE: Some models may require that a separate blower motor is purchased to meet the installation specifications.

⚠ WARNING

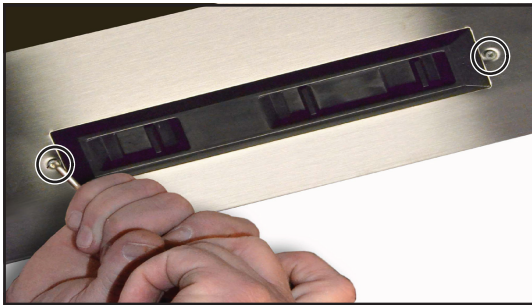


Electrical Shock Hazard

Disconnect power before servicing.
Replace all parts and panels before operating.
Failure to do so can result in death or electrical shock.

Removal of Control:

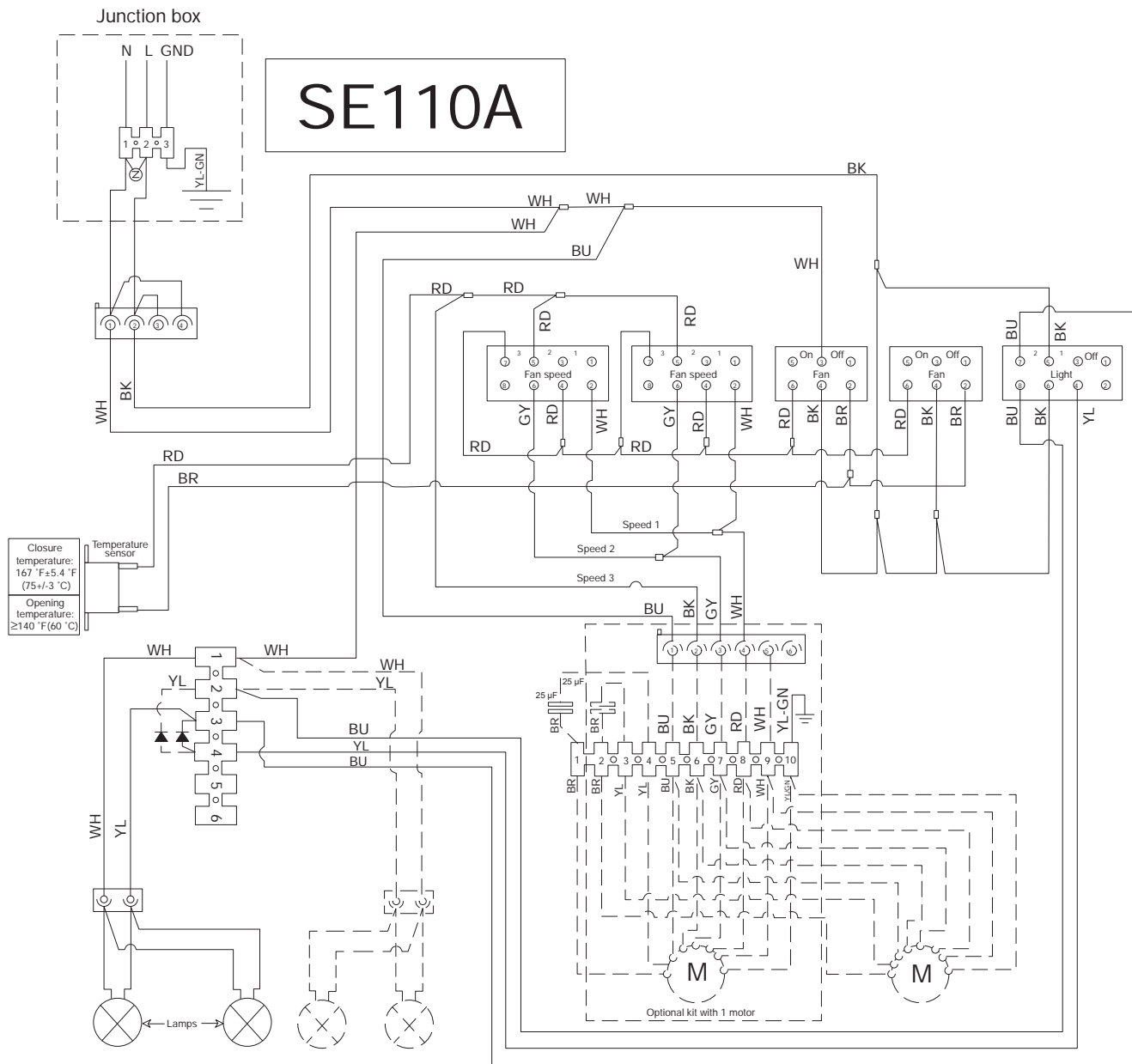
1. Disconnect power from the vent hood.
2. Remove the filters.
3. Remove two (2) T10 Torx screws that mount the control.



4. Pull the control out from the back of the panel. Remove six (6) T10 Torx screws from the control switch cover.



Wiring Diagram



Motor Characteristics	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	420 W
Current	3.7 A

Switch Operation with Button "ON-OFF"		
Position	ON	OFF
Connection	④-⑥	④-②
Action	Motor ON	Motor OFF

Motor Resistance (Ω)	
Blue - Red	18
Blue - Gray	14.3
Blue - Black	9.8 (Maximum)
Blue - White	21.6 (Minimum)
Room Temperature	73.4°F (23°C)

Switch Operation with Button "1-2-3"			
Position	1	2	3
Connection	④-②	④-⑥	⑤-⑦
Action	Speed 1	Speed 2	Speed 3

Switch Operation with Button "Light"			
Position	OFF	1	2
Connection	④-②	④-⑥	⑤-⑦ ⑥-⑧
Action	Lights Off	Low Intensity	High Intensity

In-Line, Internal and External Blower Systems

These are dedicated blowers designed to work with the vent hood models listed below. Blower models and mounting locations are determined at the time of installation. Blowers are matched to vent hood models based on individual installation requirements.

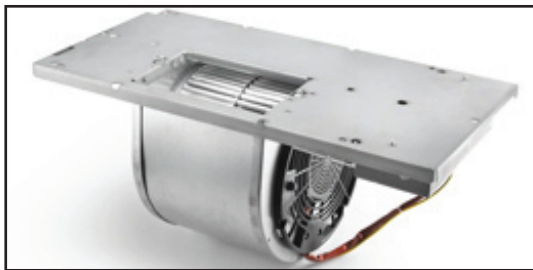
Vent Hood models and detecated blower assemblies			
Vent Hood Models (requires one of the listed blower models)	Internal Blower Models (Inside frame of hood)	In-Line Blower Models (outside the frame of the hood, but in the exhaust vent system)	External Blower Models (Outside the house)
KXI9736Y KXI9748Y KXW8730Y KXW8736Y KXW8748Y KXW9736Y KXW9748Y UXL6036Y UXL6048Y KVUC600KSS0 KVUC606KSS0 KVWC906KSS0 KVWC908KSS0 KVWC956KSS0 KVWC958KSS0 UXB0585KYS UXB1170KYS	UXB0600D (600 CFM) UXB1200D (1200 CFM)	UXI0600D (600CFM) UXI1200D (1200 CFM)	KPEU722M (600CFM) KPEC922M (1200 CFM)

Internal Blower Systems UXB0600D, UXB1200D, UXI600D, UXI1200D UXB0585KYS, UXB1170KYS

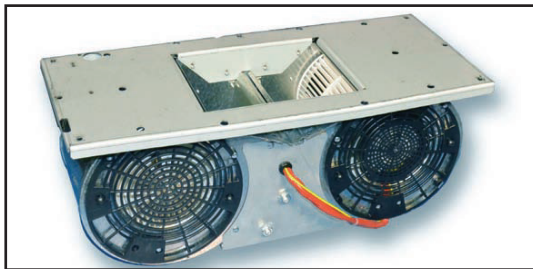
⚠ WARNING



Electrical Shock Hazard
Disconnect power before servicing.
Replace all parts and panels before operating.
Failure to do so can result in death or electrical shock.



UXB0600D (600 CFM)



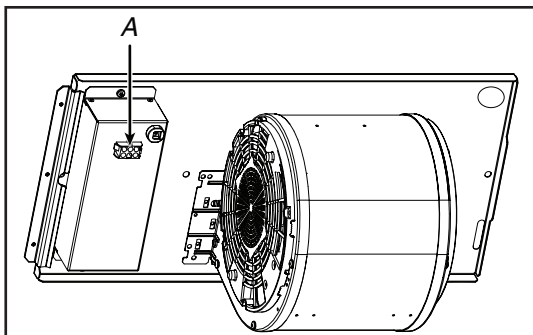
UXB1200D (1200 CFM)

Removal of Internal Blower Motor:

1. Disconnect power to the vent hood.
2. Remove the internal blower motor assembly inside the hood liner canopy.

Single Internal Blower Motor Assembly

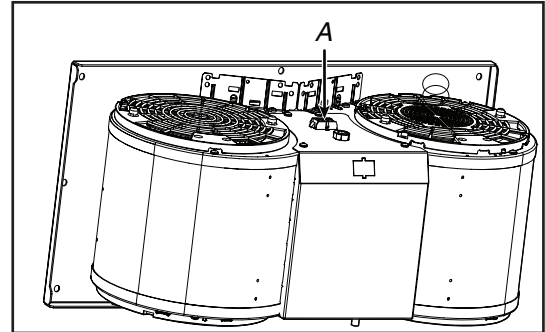
3. Disconnect the motor wiring harness from the locations shown for a single or dual blower motor system. See marked locations "A".



A. Wiring Connection

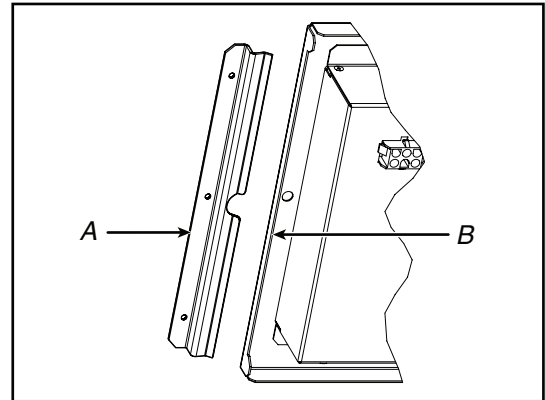
Internal Dual Motor Assembly

Dual Blower Motor Assembly



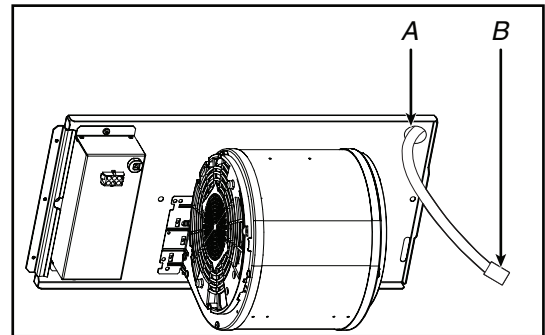
A. Wiring Connection

4. Slide the left mounting plate flange from under the motor mounting bracket.



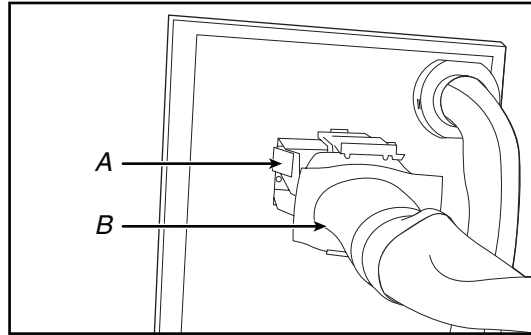
A. Motor Mounting Bracket
 B. Mounting Plate Left Flange

5. Remove 6 x 16 mm screws and 6.4 mm lock washers (quantity two (2) for single motor; quantity five (5) for dual motor).



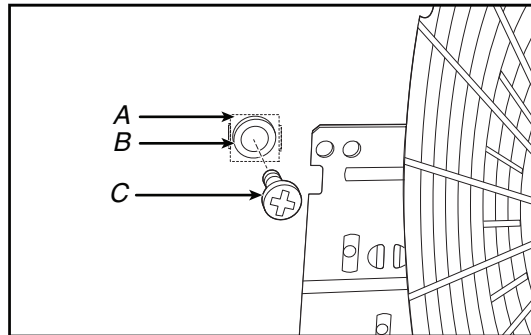
A. Motor Mounting Plate Hole
 B. Power Supply Wires and Connector

6. Remove the power supply wires and connector from the vent hood through the hole in the right end of the motor mounting plate.



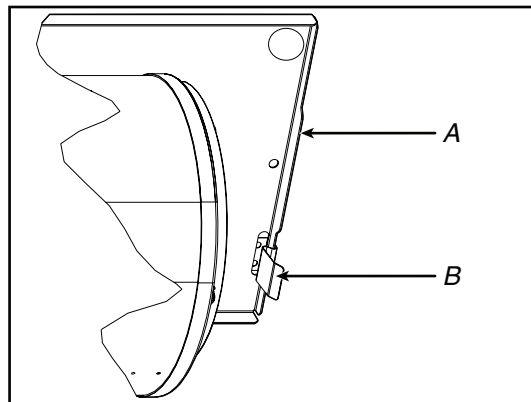
A. Wiring Box Connector
B. Power Supply Connector from Vent Hood

7. Disconnect power cord connector from the vent hood to connector on wiring box.



A. Clip Nut (6 mm)
B. Mounting Hole in Motor Mounting Plate
C. Screw with Lock Washer

8. Pull the right end of the motor mounting plate down and unsnap it from the spring tab.
NOTE: The spring tab should be outside the slot in the mounting plate.



A. Motor Mounting Plate Hole
B. Spring clip

In-Line Blower Systems UXI0600D, UXI1200D

⚠ WARNING



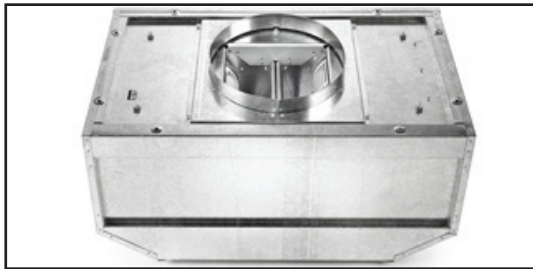
Electrical Shock Hazard

Disconnect power before servicing.
Replace all parts and panels before operating.
Failure to do so can result in death or electrical shock.

⚠ WARNING

Excessive Weight Hazard

Use two or more people to move and install oven.
Failure to do so can result in back or other injury.



UXI0600D (600CFM), UXI1200D (1200CFM)

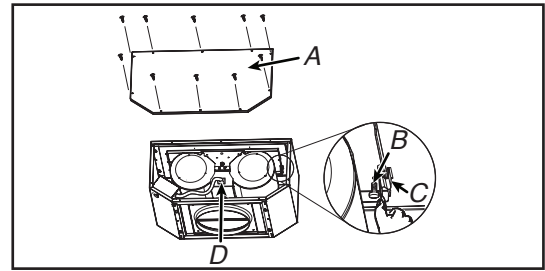
Removal of In-Line Blower System:

1. Disconnect power to the vent hood. Use two or more people, to remove the in-line blower motor system from the mounting location.
2. Remove the ten (10) screws from the front cover of the in-line blower motor housing.
3. Remove the front cover of the in-line blower motor housing and set it aside.

NOTE: To make the blower motor housing easier to remove, the blower motor assembly can be removed first.

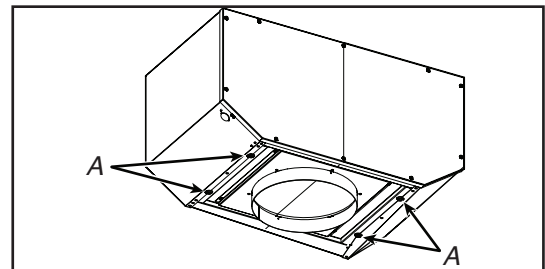
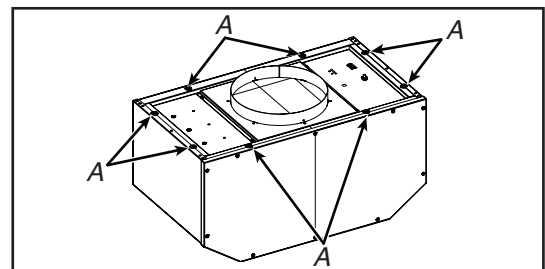
4. Disconnect the motor electrical plug from the blower motor assembly.
5. Remove the screws that secure the blower motor assembly to the in-line blower housing and set them aside.
6. Pull the spring clip to release the blower motor assembly. Remove the blower motor assembly from the housing and place it on a covered surface.

Removal of In-Line Blower System:



- A. Front Cover
- B. Blower Mounting Screws
- C. Spring Clip
- D. Bottom Housing Mounting Holes

NOTE: The blower motor housing can be mounted using 4 holes from either the inlet side or the outlet side of the blower

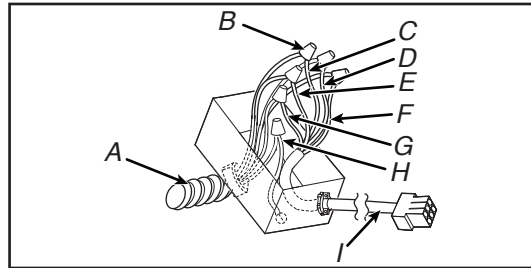


A. Mounting Holes

1. Detach the in-line blower motor housing from the mounting location by removing four 6 x 80 mm mounting screws and washers.

Disconnect Electrical Connections for In-Line Blower Motor System

1. Disconnect power.
2. Disconnect the wires from the wiring conduit leading to the wires from the motor electrical plug cable inside the in-line blower housing terminal box.



- A. UL Listed or CSA Approved 1/2" (1.3 cm) Wiring Conduit
- B. UL Listed Wire Connectors
- C. Black Wires
- D. White Wires
- E. Red Wires
- F. Blue Wires
- G. Gray Wires
- H. Green (or Yellow/Green) and Green/Yellow Wires
- I. Motor Electrical Plug Cable

External Blower Systems KPEU722M, KPEC922M

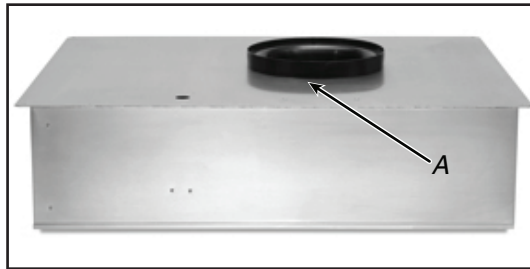
⚠ WARNING



Electrical Shock Hazard
Disconnect power before servicing.
Replace all parts and panels before operating.
Failure to do so can result in death or electrical shock.

⚠ WARNING

Excessive Weight Hazard
Use two or more people to move and install in-line blower motor system.
Failure to do so can result in back or other injury.

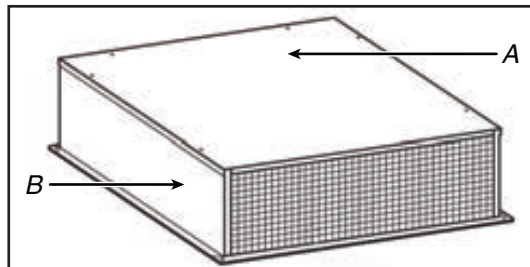


A. Black Plastic Collar

KPEU722M (600CFM) KPEC922M (1200CFM)

To access the external blower motor:

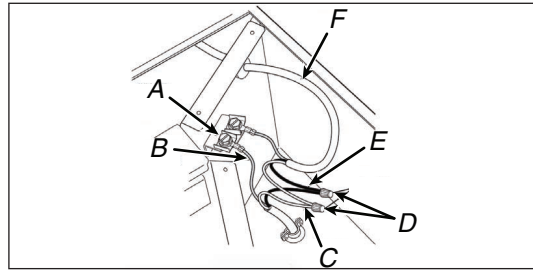
1. Disconnect the power to the In-Line blower.
2. Remove the blower housing cover.



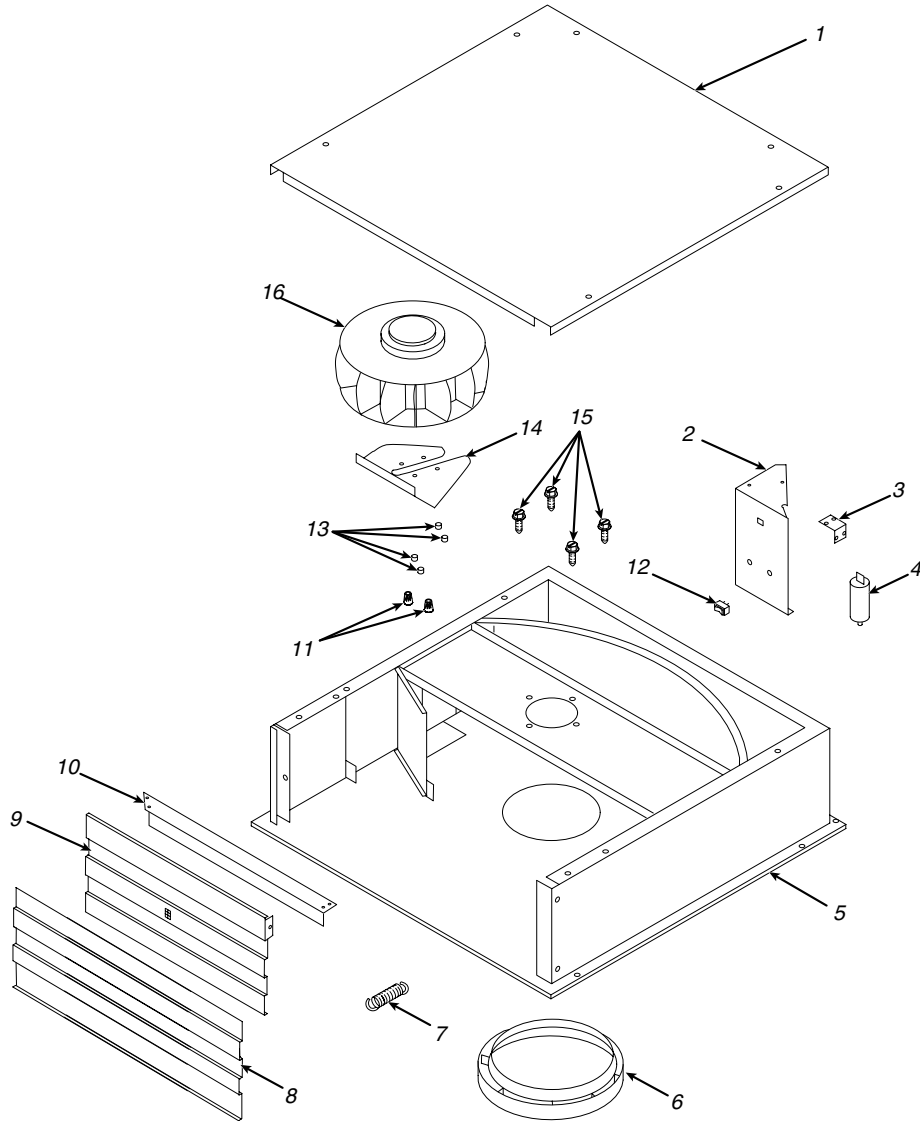
A. Blower Housing Cover
B. Motor and Fan Assembly

3. Disconnect the vent work from the exterior blower's black plastic vent collar and remove duct tape as needed.
4. Remove the wiring box cover and disconnect the 120 V power supply cable at the strain relief.
5. Remove wire connectors and disconnect the Wiring. (See figure and wiring diagram.)
 - Using twist-on connectors:
 - Disconnect white wires.
 - Disconnect black wires.

- Disconnect the green power supply wire.

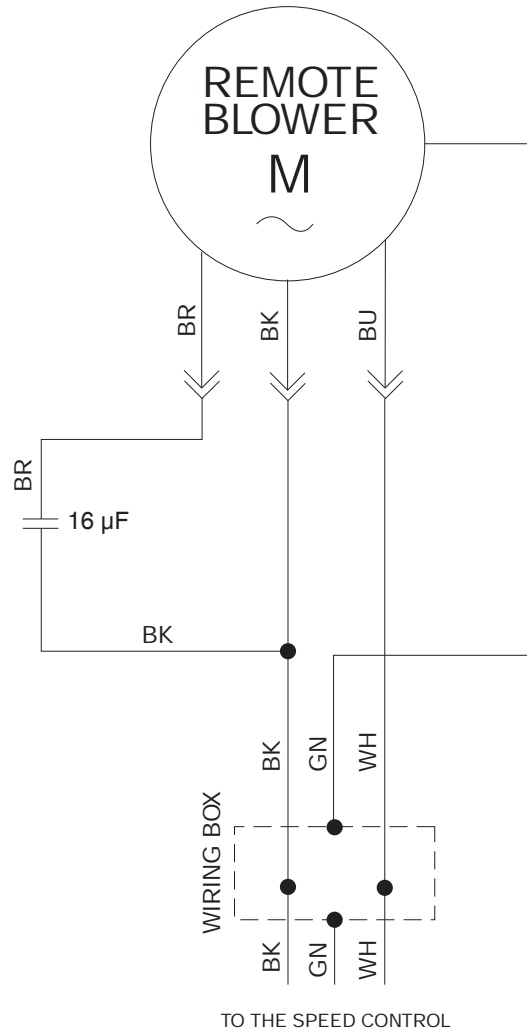


- A. Green Ground Screw
- B. Green Ground Wire
- C. White Wires
- D. Twist-on Connectors
- E. Black Wires
- F. Motor Wiring



- | | | |
|-------------------|--------------------|---------------|
| 1. Cover | 7. Spring | 13. Spacer |
| 2. Shield | 8. Vent Grill | 14. Support |
| 3. Ground Bracket | 9. Hood Damper | 15. Screw |
| 4. Capacitor | 10. Blower Bracket | 16. Fan Motor |
| 5. Blower Housing | 11. Connector | |
| 6. Air Duct | 12. Switch | |

Wiring Diagram

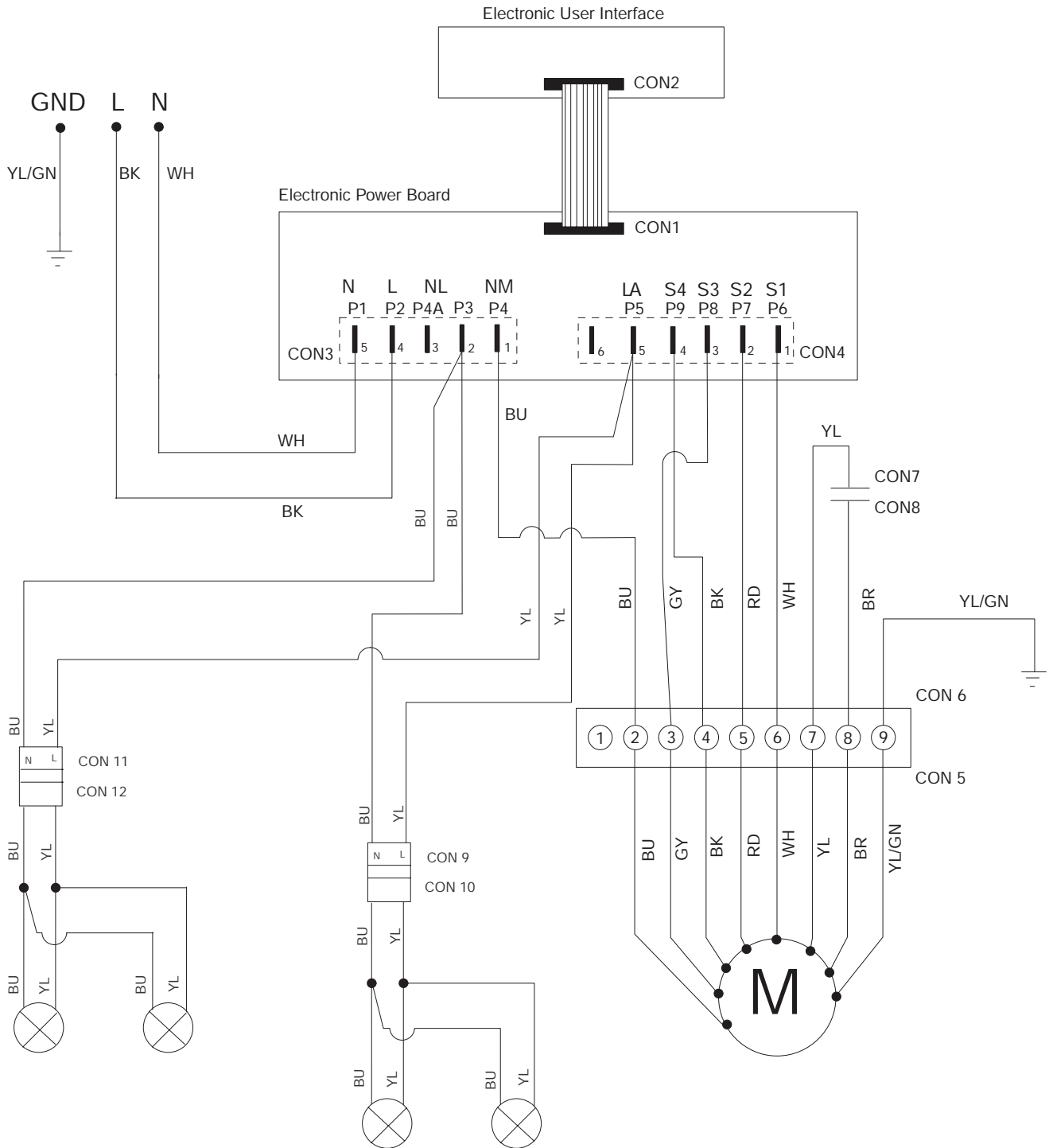


Additional Vent Hood Wiring Diagrams

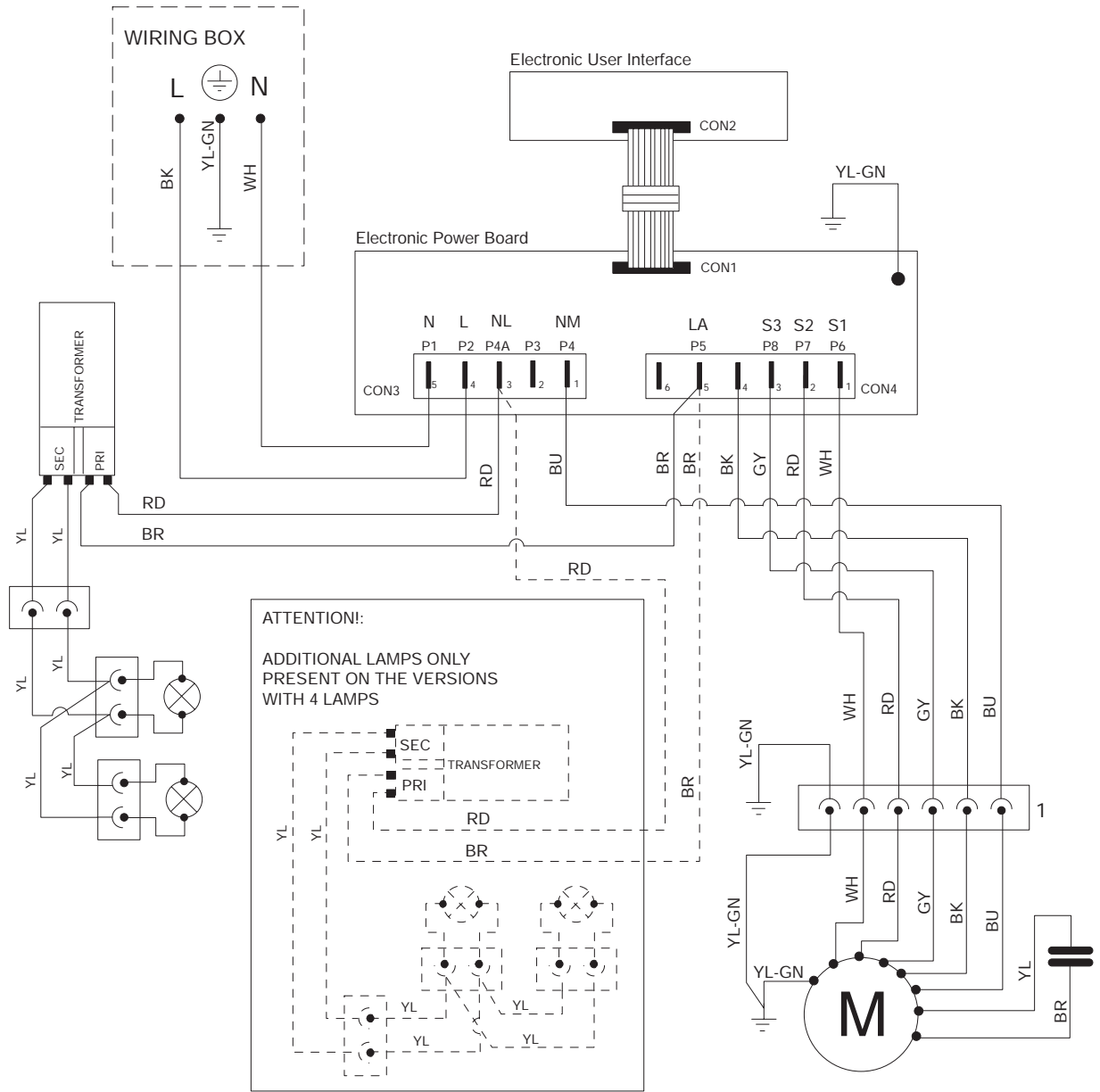
ADDITIONAL VENT HOOD WIRING DIAGRAMS

- JXI8042W, JXI8036W, JXI8242W, JXI8236W Jenn-Air
- JXW5030WS, JXW5036WS Jenn-Air
- JXW6030W, JXW6036W Jenn-Air
- JXW8030W, JXW8036W, JXW8042W Jenn-Air
- JXW8230W, JXW8236W Jenn-Air
- JXW8836W Jenn-Air
- JXW9030WS, JXW9036WS, JXW9048WS Jenn-Air
- KXI9736Y, KXI9748Y KitchenAid
- KXU2830Y KitchenAid
- KXW2536Y, KXW2530Y KitchenAid
- UXL6048YSS, UXL6036YSS KitchenAid
- UXG7360VD, UVG73660VD KitchenAid
- KVUC600KSS0 KVUC606KSS0 KitchenAid
- KVWC906KSS0, KVWC908KSS0 KitchenAid
- KVWC956KSS0 KVWC958KSS0 KitchenAid
- UXB0585KYS, UXB1170KYS KitchenAid

JXI8042W, JXI8036W, JXI8242W, JXI8236W JennAir

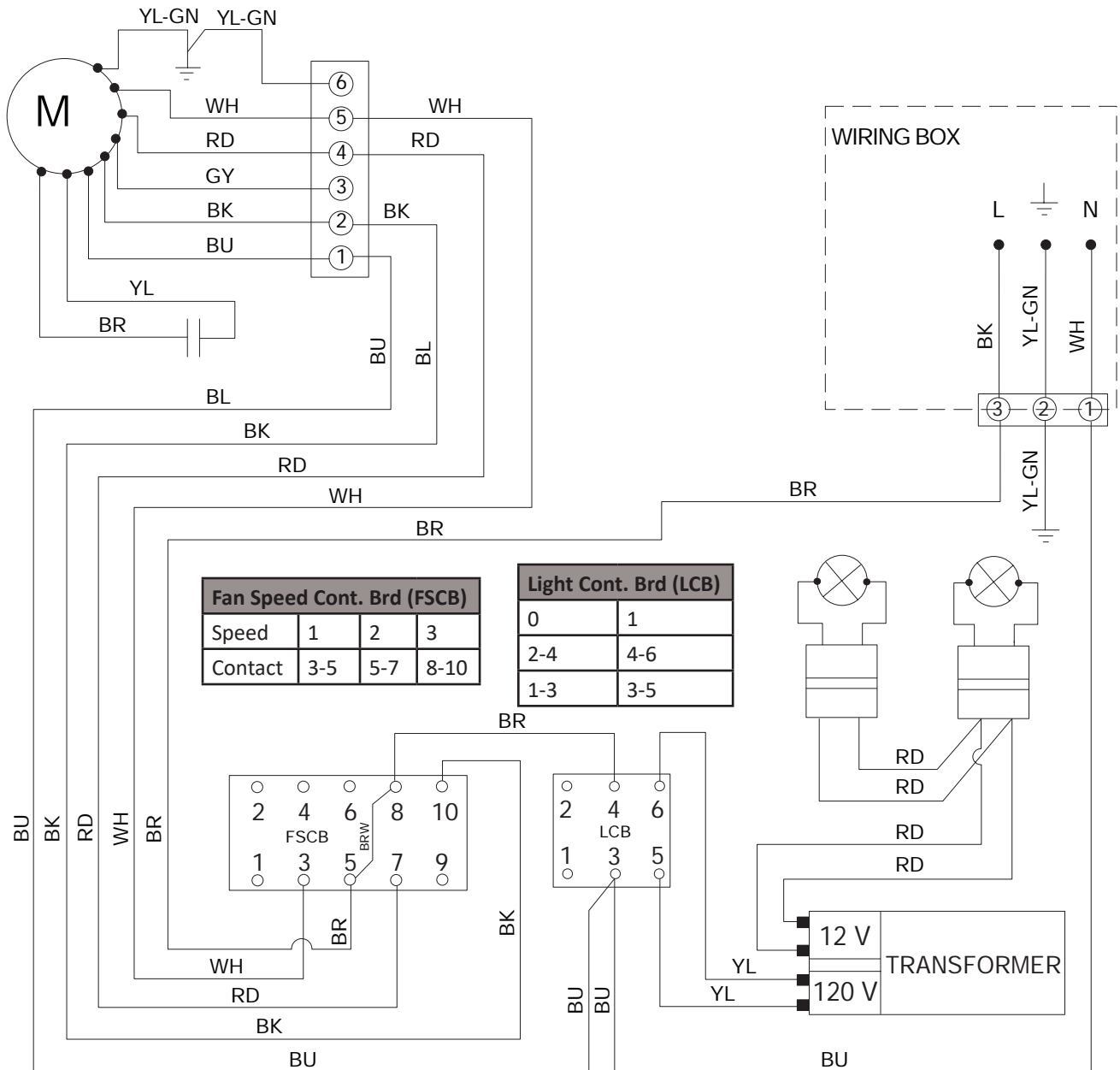


JXW5030WS, JXW5036WS JennAir



JXW6030W, JXW6036W JennAir

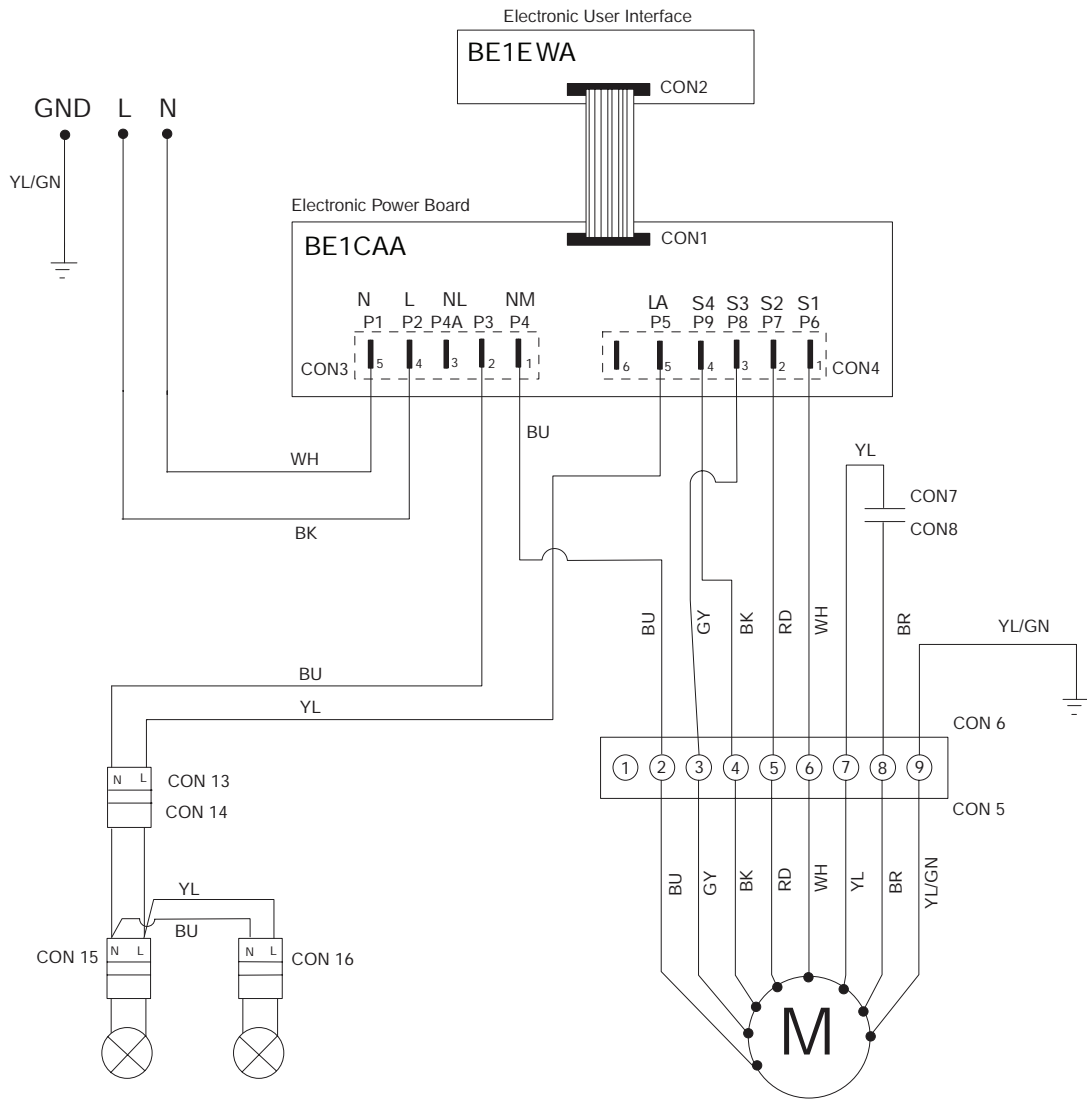
SE1Q7A



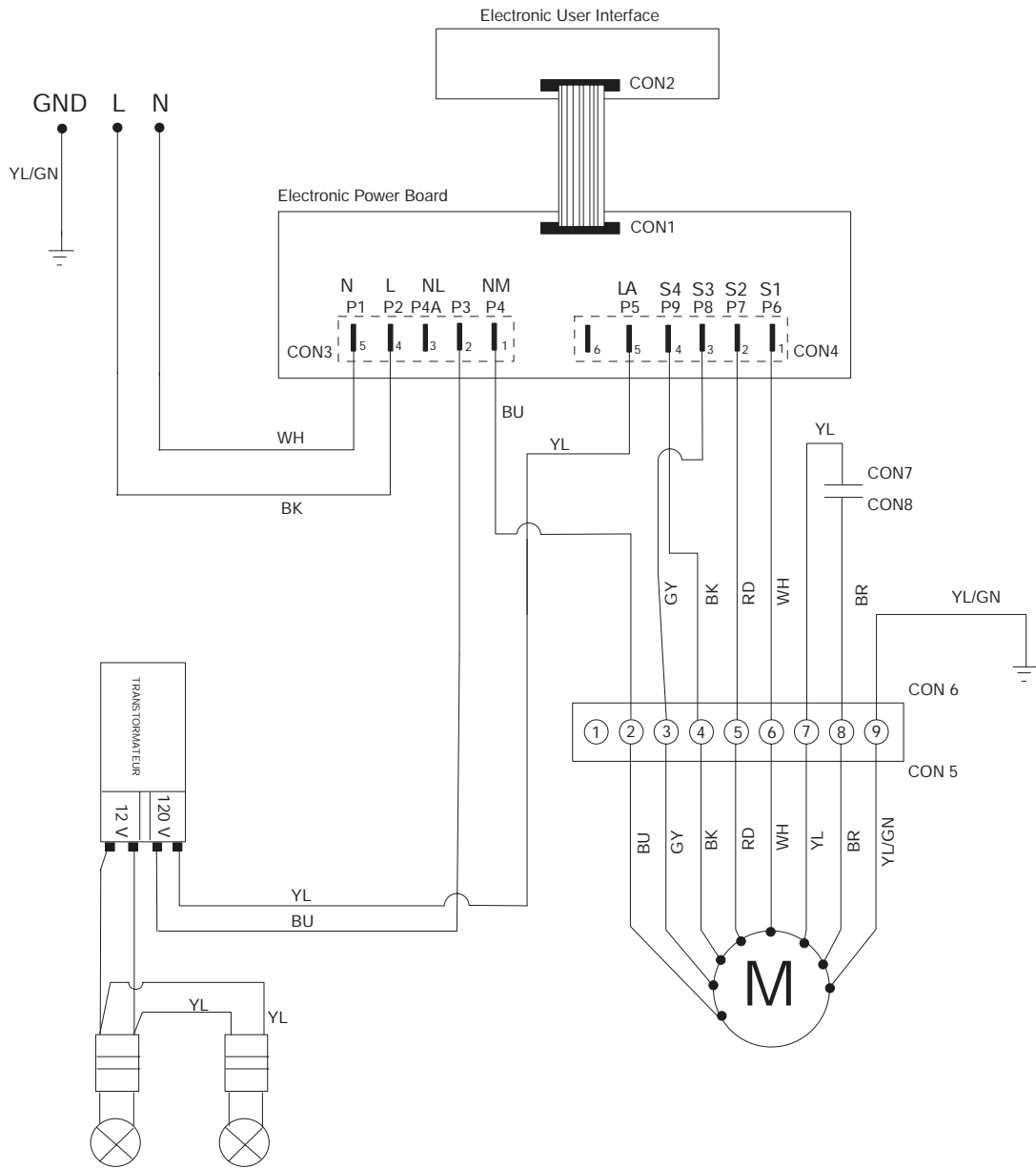
Motor Speed	Connections to Terminals
1	Blue-White
2	Blue-Red
3	Blue-Black

Color Table		Color Table	
BK	Black	RD	Red
BU	Blue	WH	White
BR	Brown	YL	Yellow
GN	Green	YL/GN	Yellow/Green
GY	Grey		

JXW8030W, JXW8036W, JXW8042W JennAir

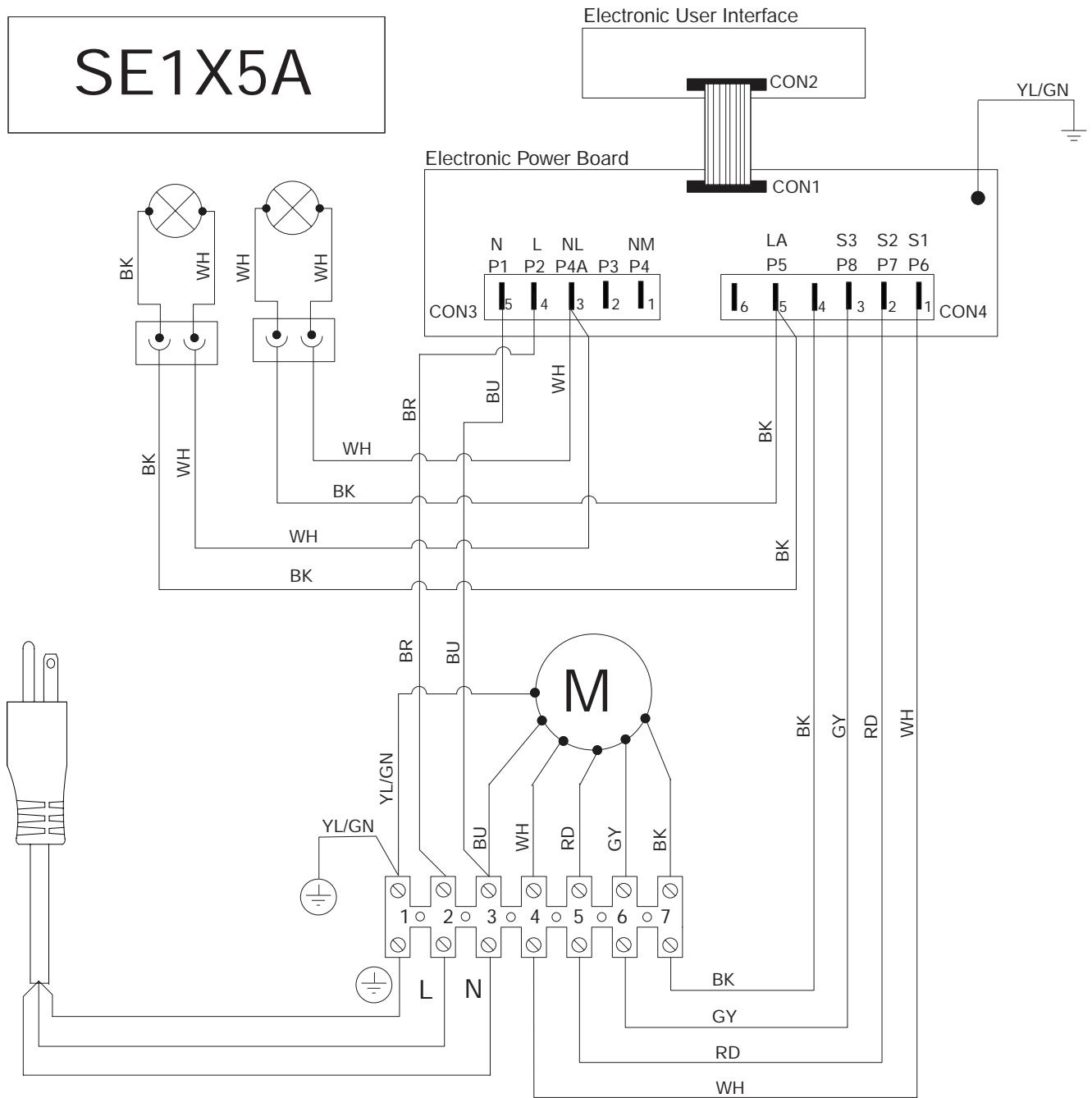


JXW8230W, JXW8236W JennAir



JXW8836W JennAir

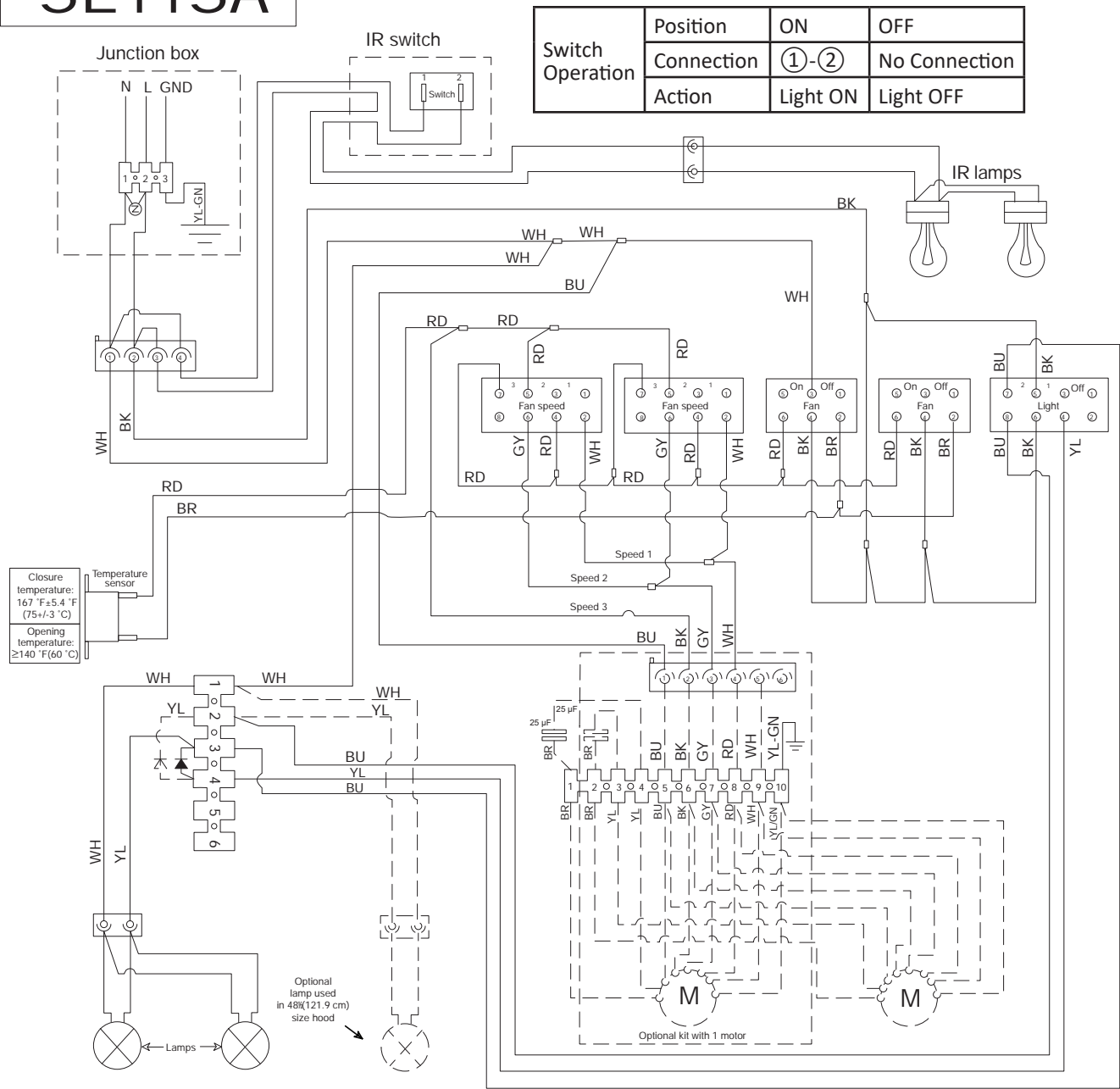
SE1X5A



Color Table		Color Table	
BK	Black	RD	Red
BU	Blue	WH	White
BR	Brown	YL	Yellow
GN	Green	YL/GN	Yellow/Green
GY	Grey		

JXW9030WS, JXW9036WS, JXW9048WS JennAir

SE11SA



Motor Resistance (Ω)	
Blue - Red	18
Blue - Gray	14.3
Blue - Black	9.8 (Maximum)
Blue - White	21.6 (Minimum)
Room Temperature	73.4°F (23°C)

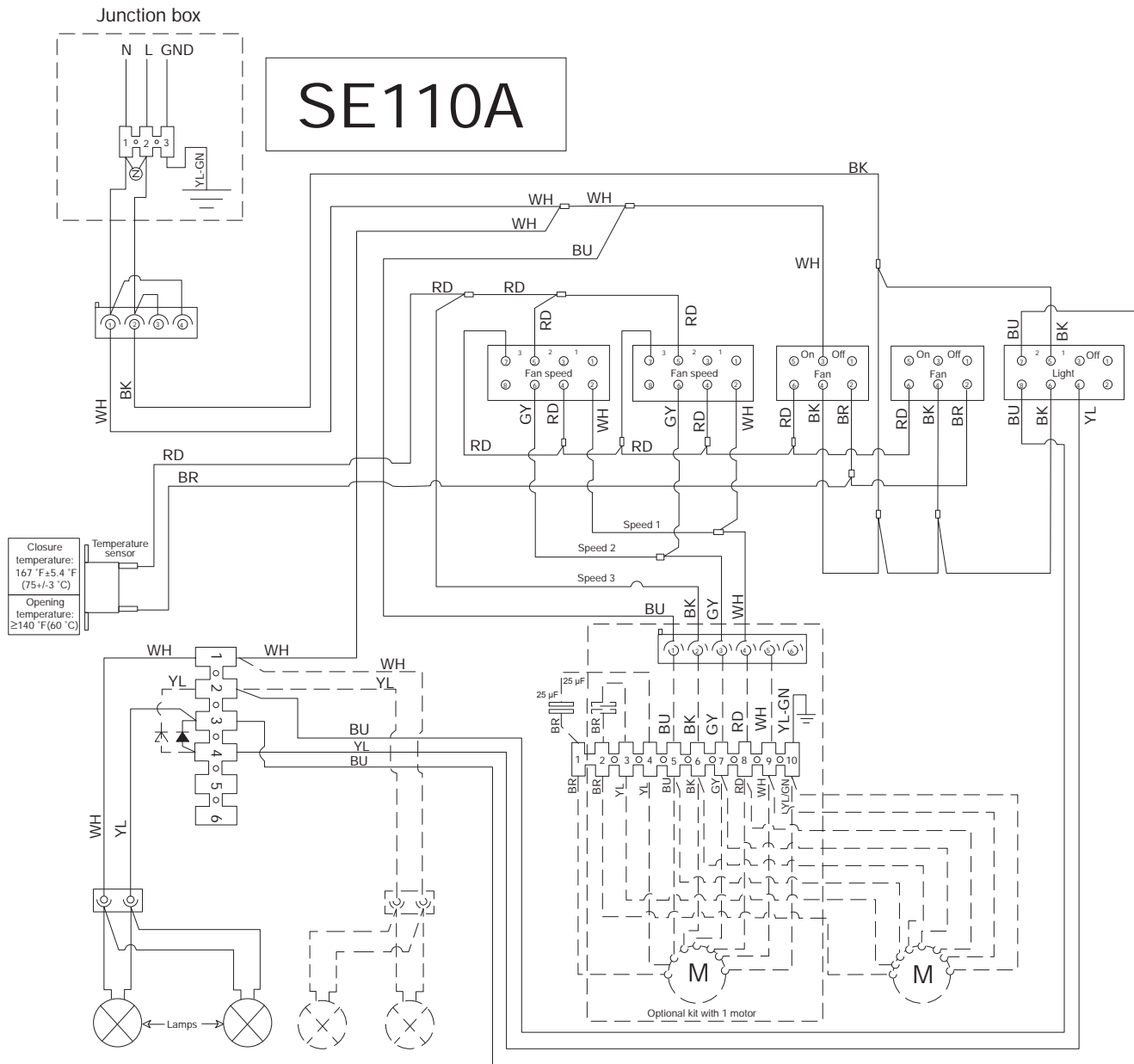
Motor Characteristics	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	420 W
Current	3.7 A

Switch Operation with Button "ON-OFF"		
Position	ON	OFF
Connection	④-⑥	④-②
Action	Motor ON	Motor OFF

Switch Operation with Button "1-2-3"			
Position	1	2	3
Connection	④-②	④-⑥	⑤-⑦
Action	Speed 1	Speed 2	Speed 3

Switch Operation with Button "Light"			
Position	OFF	1	2
Connection	④-②	④-⑥	⑤-⑦ ⑥-⑧
Action	Lights Off	Low Intensity	High Intensity

KXI9736Y, KXI9748Y KitchenAid



Motor Resistance (Ω)	
Blue - Red	18
Blue - Gray	14.3
Blue - Black	9.8 (Maximum)
Blue - White	21.6 (Minimum)
Room Temperature	73.4°F (23°C)

Motor Characteristics	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	420 W
Current	3.7 A

Switch Operation with Button "ON-OFF"		
Position	ON	OFF
Connection	④-⑥	④-②
Action	Motor ON	Motor OFF

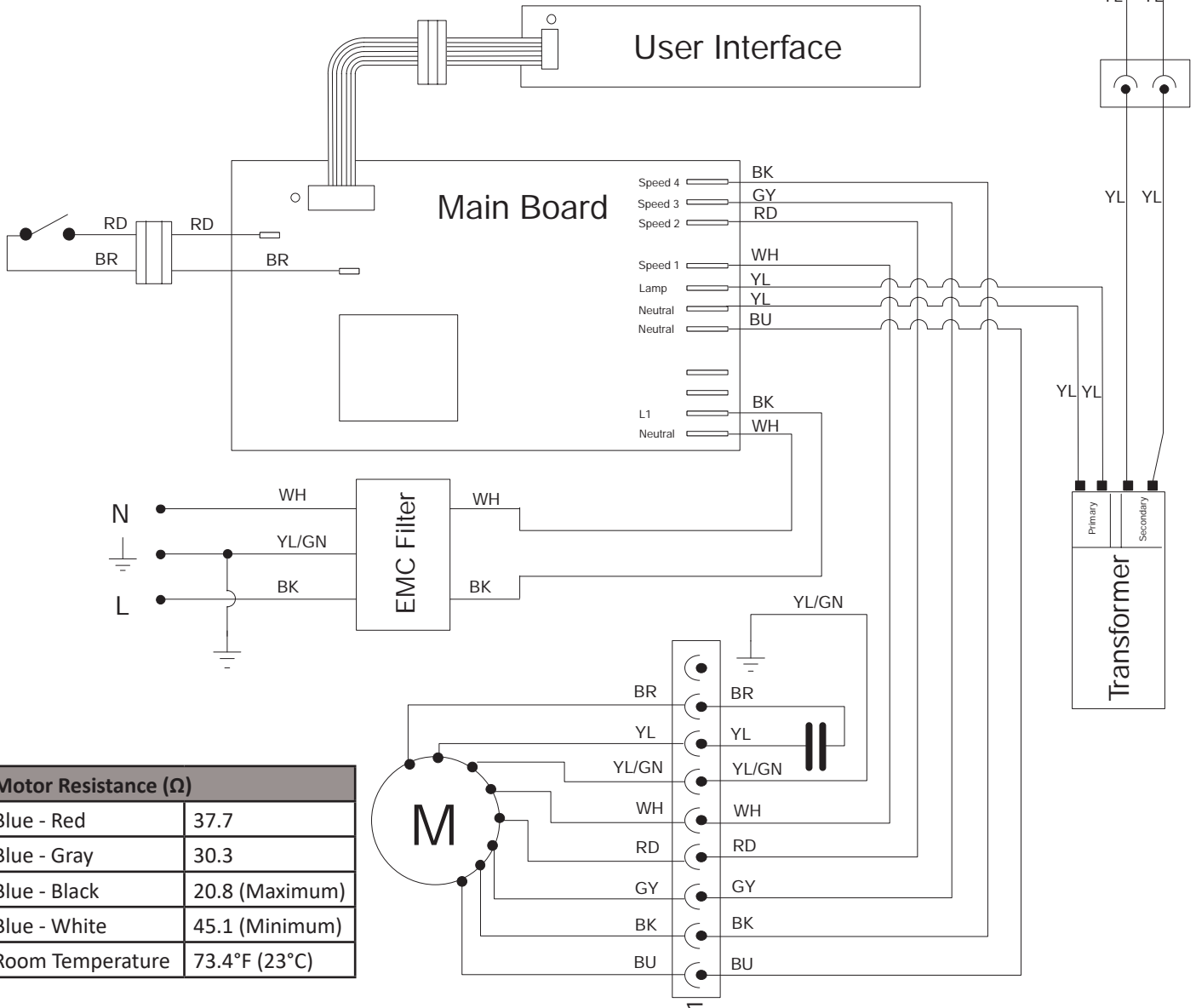
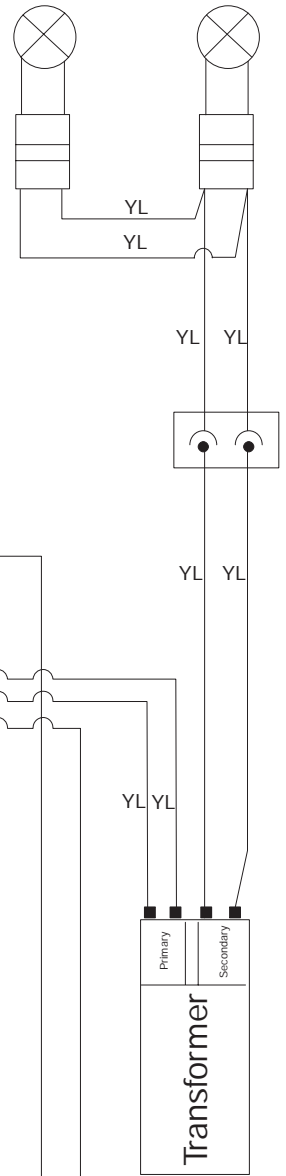
Switch Operation with Button "1-2-3"			
Position	1	2	3
Connection	④-②	④-⑥	⑤-⑦
Action	Speed 1	Speed 2	Speed 3

Switch Operation with Button "Light"			
Position	OFF	1	2
Connection	④-②	④-⑥	⑤-⑦ ⑥-⑧
Action	Lights Off	Low Intensity	High Intensity

KXU2830Y KitchenAid

SEL0015013

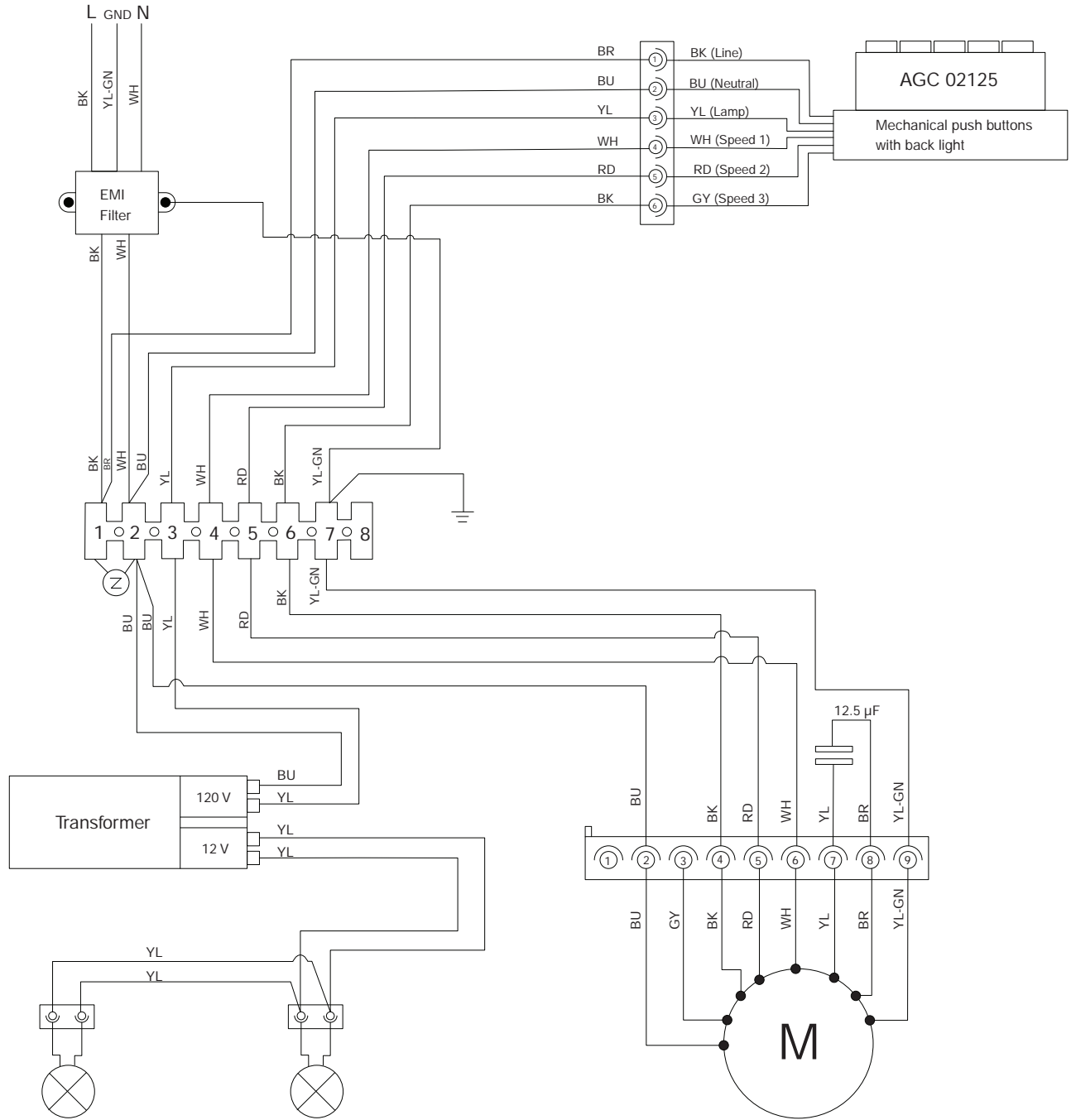
Motor Characteristics	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	230 W



Motor Resistance (Ω)	
Blue - Red	37.7
Blue - Gray	30.3
Blue - Black	20.8 (Maximum)
Blue - White	45.1 (Minimum)
Room Temperature	73.4°F (23°C)

KXW2536Y, KXW2530Y KitchenAid

SE11TA

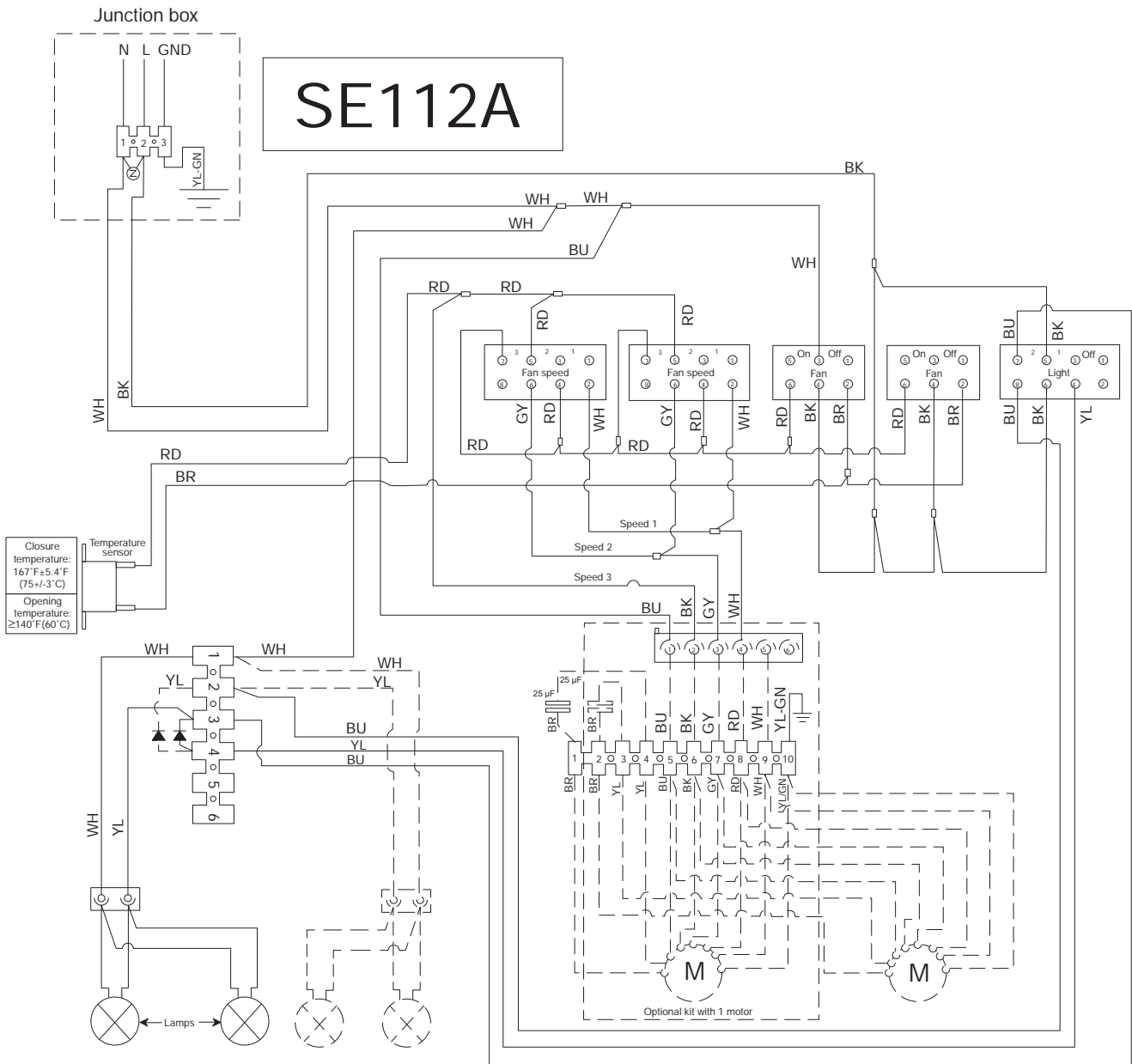


Motor Resistance (Ω)	
Blue - Red	37.7
Blue - Gray	30.3
Blue - Black	28.8 (Maximum)
Blue - White	45.1 (Minimum)
Room Temperature	73.4°F (23°C)

Motor Characteristics	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	240 W

Switch Operation	
Position	Connection
Off	No Connection
Lamps	Black - Yellow (1 - 3)
Low Speed	Black - White (1 - 4)
Medium Speed	Black - Red (1 - 5)
High Speed	Black - Gray (1 - 6)

UXL6048YSS, UXL6036YSS KitchenAid



Motor Characteristics	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	420 W
Current	3.7 A

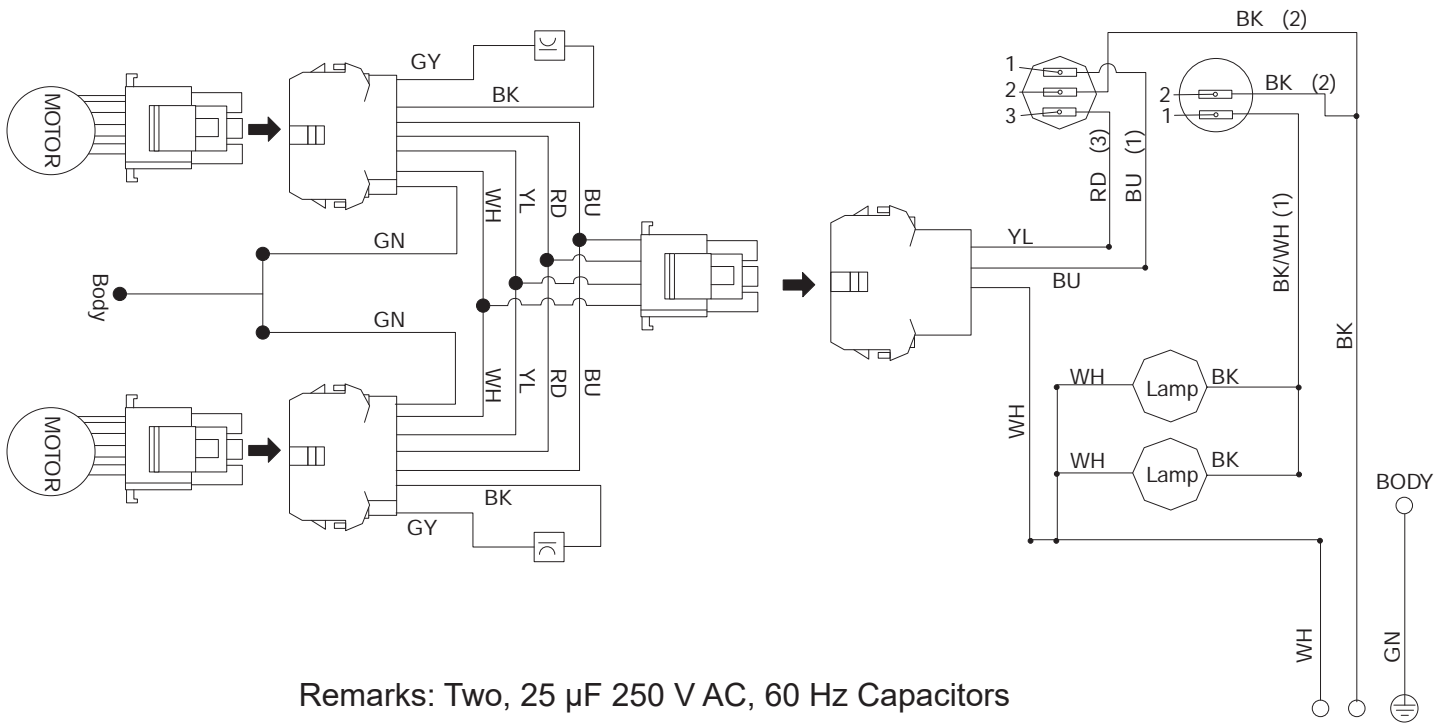
Motor Resistance (Ω)	
Blue - Red	18
Blue - Gray	14.3
Blue - Black	9.8 (Maximum)
Blue - White	21.6 (Minimum)
Room Temperature.	73.4°F (23°C)

Switch Operation with Button "ON-OFF"		
Position	ON	OFF
Connection	④-⑥	④-②
Action	Motor ON	Motor OFF

Switch Operation with Button "1-2-3"			
Position	1	2	3
Connection	④-②	④-⑥	⑤-⑦
Action	Speed 1	Speed 2	Speed 3

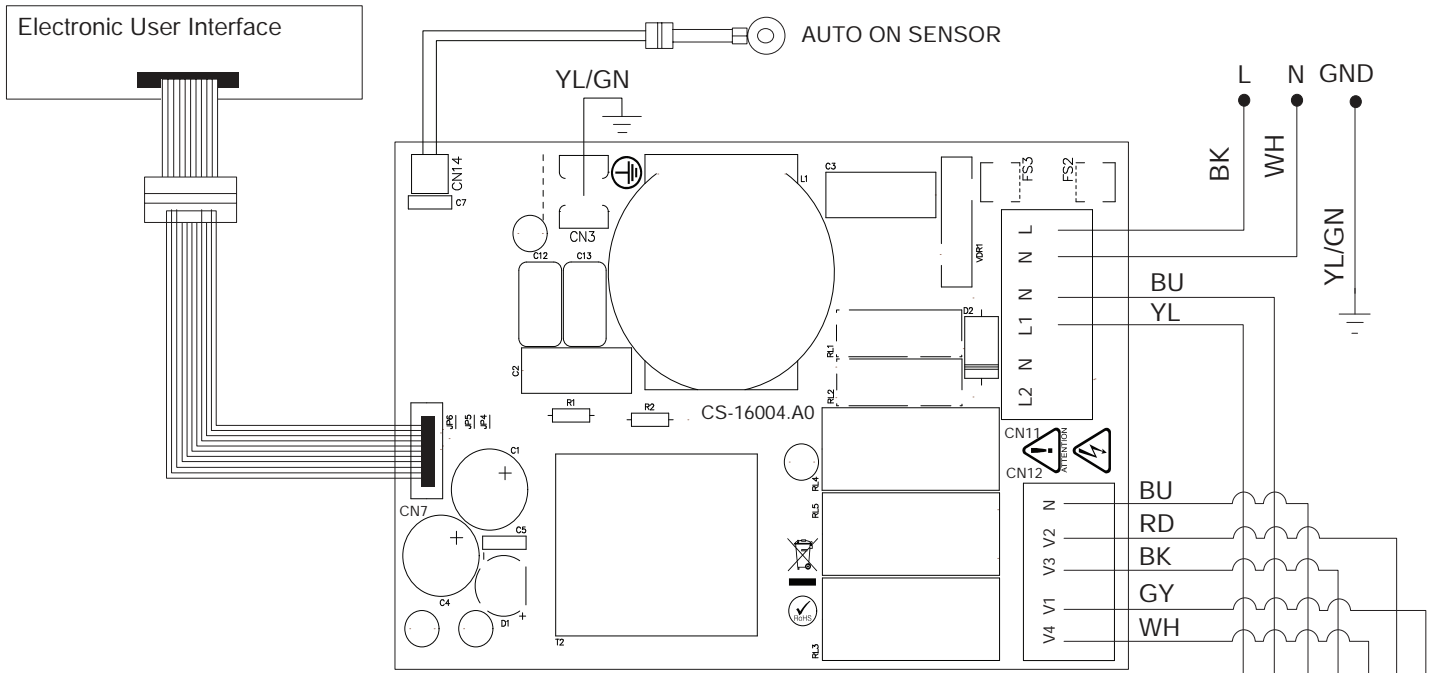
Switch Operation with Button "Light"			
Position	OFF	1	2
Connection	④-②	④-⑥	⑤-⑦ ⑥-⑧
Action	Lights Off	Low Intensity	High Intensity

UXG7360VD, UVG73660VD KitchenAid



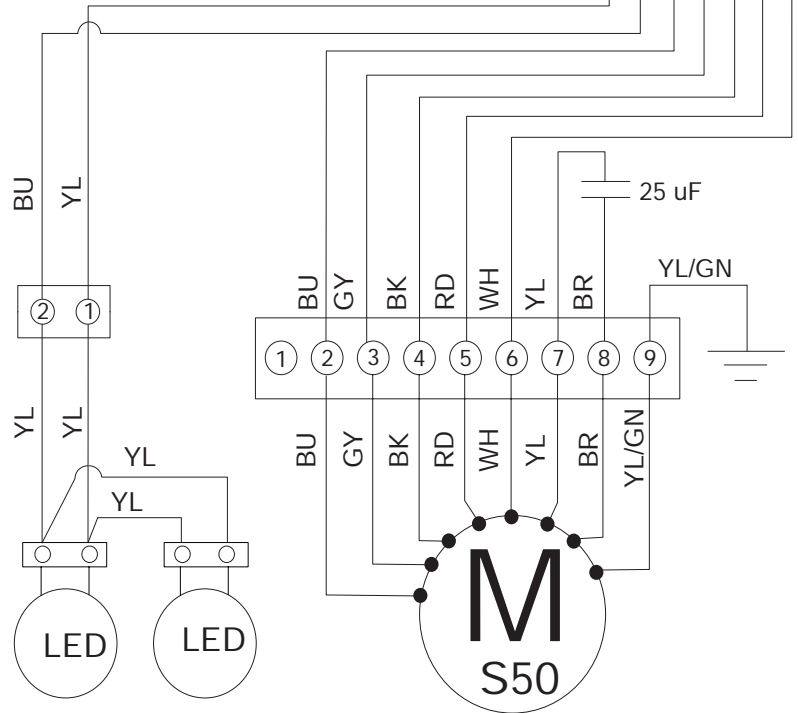
Remarks: Two, 25 μF 250 V AC, 60 Hz Capacitors

KVUC600KSS0 KVUC606KSS0 KitchenAid

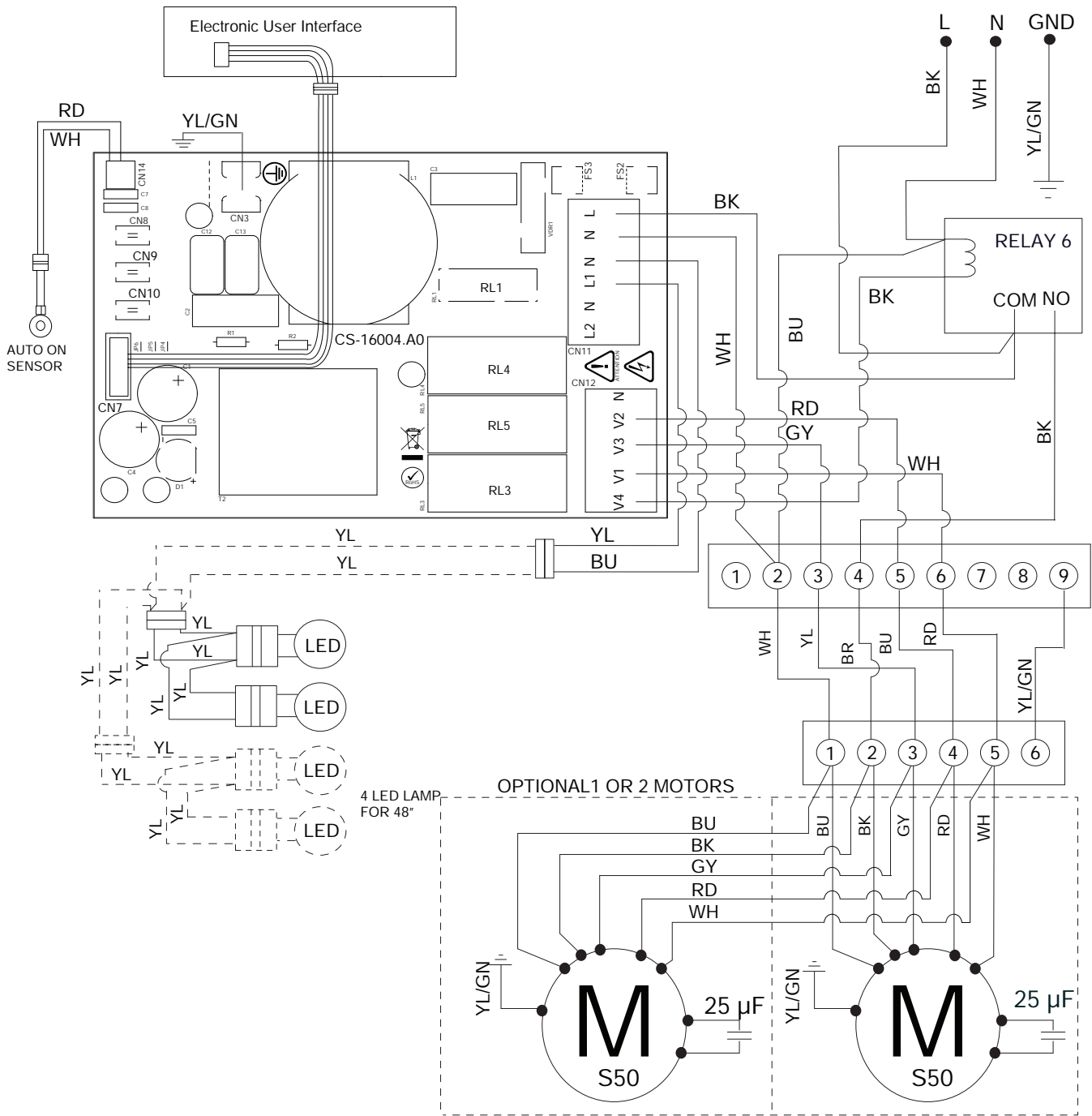


Motor Specifications	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	420 W
Current	3.7 A

Motor Resistance (Ω)	
Blue - Black	9.8
Blue - Gray	14.3
Blue - Red	18
Blue - White	21.6
Room Temperature	73.4°F (23°C)



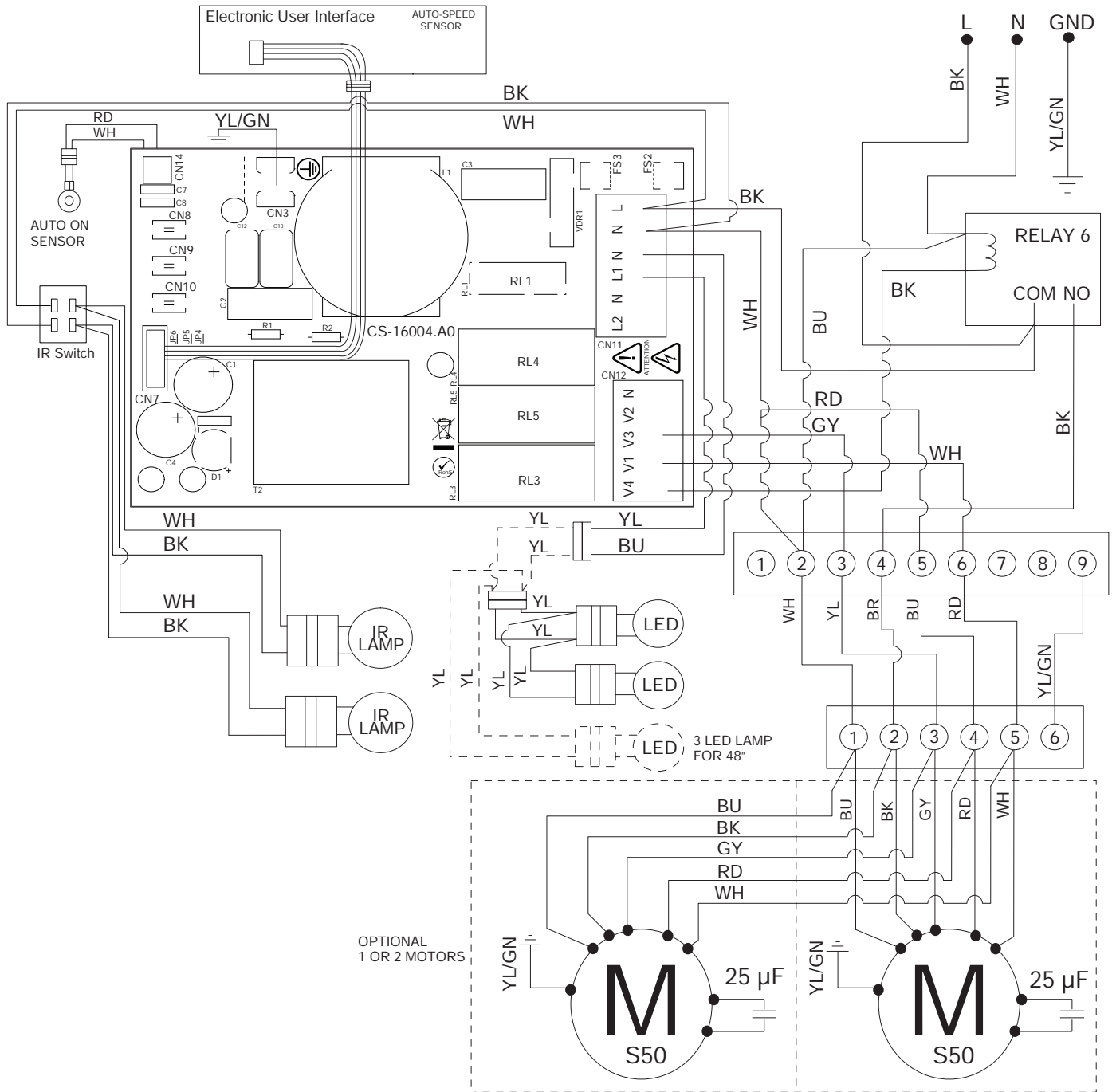
KVWC906KSS0, KVWC908KSS0 KitchenAid



Motor Specifications	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	420 W
Current	3.7 A

Motor Resistance (Ω)	
Blue - Black	9.8
Blue - Gray	14.3
Blue - Red	18
Blue - White	21.6
Room Temperature	73.4°F (23°C)

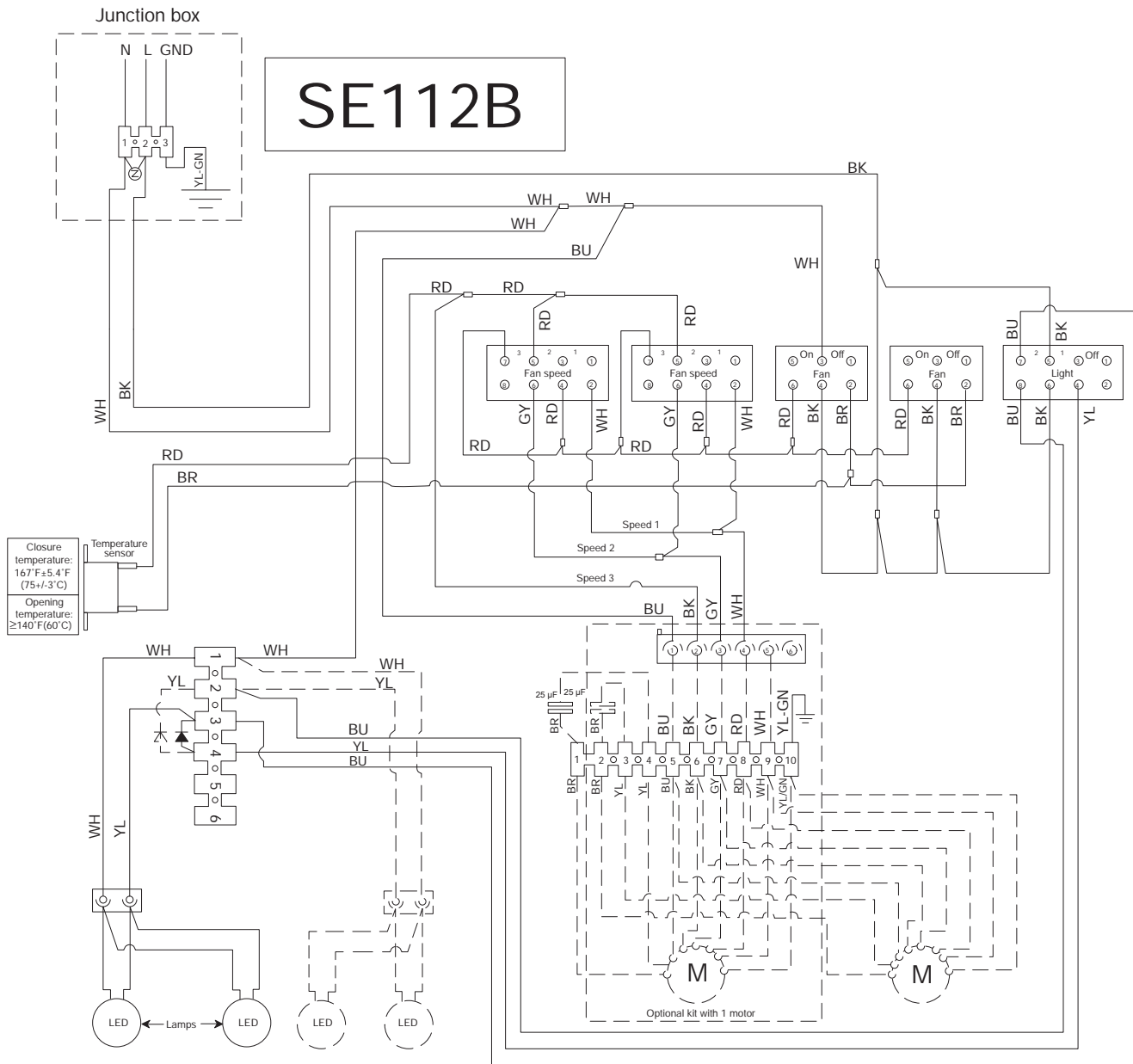
KVWC956KSS0 KVWC958KSS0 KitchenAid



Motor Specifications	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	420 W
Current	3.7 A

Motor Resistance (Ω)	
Blue - Black	9.8
Blue - Gray	14.3
Blue - Red	18
Blue - White	21.6
Room Temperature	73.4°F (23°C)

UXB0585KYS, UXB1170KYS KitchenAid



Motor Characteristics	
Power Supply	120 VAC
Frequency	60 Hz
Power Absorption	420 W
Current	3.7 A

Motor Resistance (Ω)	
Blue - Red	18
Blue - Gray	14.3
Blue - Black	9.8 (Maximum)
Blue - White	21.6 (Minimum)
Room Temperature	73.4°F (23°C)

Switch Operation with Button "ON-OFF"		
Position	ON	OFF
Connection	④-⑥	④-②
Action	Motor ON	Motor OFF

Switch Operation with Button "1-2-3"			
Position	1	2	3
Connection	④-②	④-⑥	⑤-⑦
Action	Speed 1	Speed 2	Speed 3

Switch Operation with Button "Light"			
Position	OFF	1	2
Connection	④-②	④-⑥	⑤-⑦ ⑥-⑧
Action	Lights Off	Low Intensity	High Intensity

Notes

PRODUCT SPECIFICATIONS AND WARRANTY INFORMATION SOURCES

IN THE UNITED STATES:

FOR PRODUCT SPECIFICATIONS AND WARRANTY INFORMATION CALL:

FOR KITCHENAID PRODUCTS: 1-800-253-1301

FOR TECHNICAL ASSISTANCE WHILE AT THE CUSTOMER'S HOME CALL:

THE TECHNICAL ASSISTANCE LINE: 1-800-832-7174

**HAVE YOUR STORE NUMBER READY TO IDENTIFY YOU AS AN
AUTHORIZED IN-HOME SERVICE PROFESSIONAL**

FOR LITERATURE ORDERS (CUSTOMER EXPERIENCE CENTER):

PHONE: 1-800-851-4605

FOR TECHNICAL INFORMATION AND SERVICE POINTERS:

www.servicematters.com

IN CANADA:

FOR PRODUCT SPECIFICATIONS AND WARRANTY INFORMATION CALL:

1-800-461-5681

FOR TECHNICAL ASSISTANCE WHILE AT THE CUSTOMER'S HOME CALL:

THE TECHNICAL ASSISTANCE LINE: 1-800-488-4791

**HAVE YOUR STORE NUMBER READY TO IDENTIFY YOU AS AN
AUTHORIZED IN-HOME SERVICE PROFESSIONAL**

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