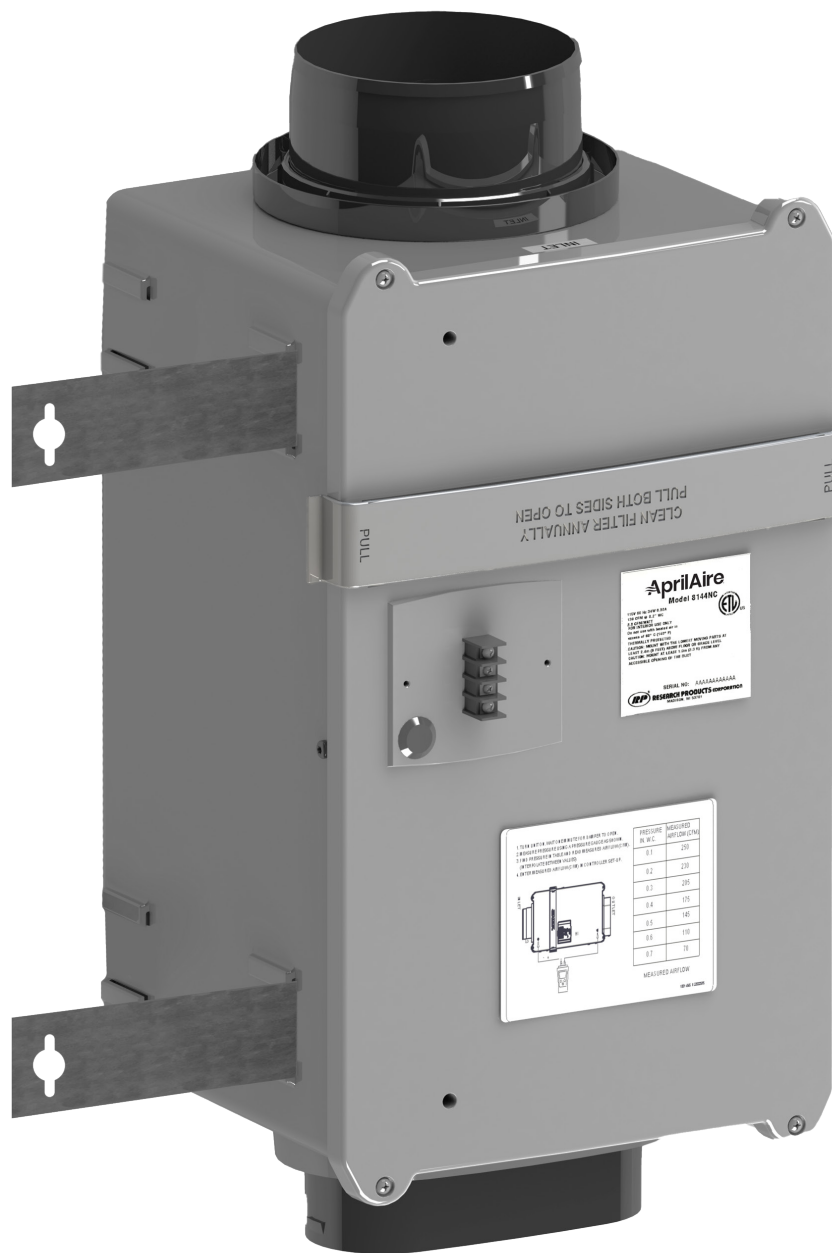


Model 8145 & 8145NC Fresh Air Ventilators

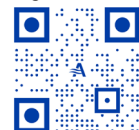
Installed By:

Installer Phone:

Date Installed:



Product Info &
Digital Manual



READ AND SAVE THESE INSTRUCTIONS

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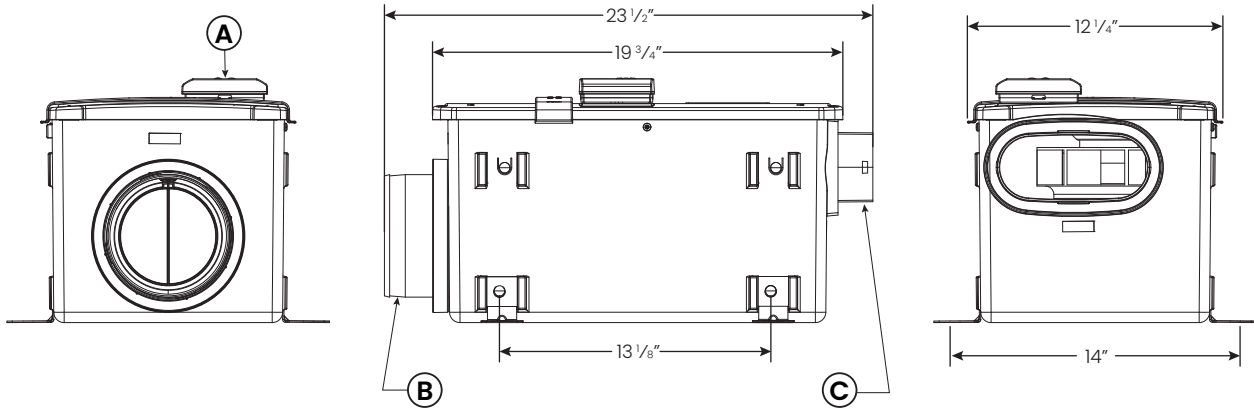
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SPECIFICATIONS

TABLE 1: SPECIFICATIONS

External Static Pressure ("wc)	Airflow (CFM)	Efficacy (CFM/watt)	Voltage
0.0	210	5.2	120 VAC 1 phase 60 Hz
0.2	180	4.4	
0.4	150	3.5	
0.6	120	2.8	

FIGURE 1: DIMENSIONS (INCHES)



- A. CONTROL NOT INCLUDED ON MODEL 8145NC

B. INLET: ROUND COLLAR FOR 6" DIAMETER DUCT

C. OUTLET: OVAL COLLAR FOR 6" DIAMETER DUCT

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SAFETY INSTRUCTIONS

⚠ WARNING

- **ATTENTION INSTALLER:** Read this manual before installing. Improper installation or maintenance may cause property damage or injury. It is recommended that installation, service, and maintenance be performed by a trained service technician. This product must be installed in compliance with all local, state, and federal codes.
- **ELECTRIC SHOCK HAZARD:** 120 volts may cause serious injury from electric shock. Disconnect electrical power to the HVAC system and ventilator before starting installation or servicing. Leave power disconnected until installation/service is completed.

⚠ CAUTION

- **SHARP EDGES MAY CAUSE INJURY FROM CUTS.** Use care when cutting and handling ductwork. Always wear glasses/goggles and gloves when installing the unit.
- Dropping may cause personal injury or equipment damage. Handle with care and follow installation instructions.
- Mount the blower with the lowest, exposed moving parts at least 8 feet (2.4 m) above floor or grade level.
- Mount the blower at least 3.3 feet (1.0 m) from any accessible opening of the duct.

NOTICE

EQUIPMENT DAMAGE MAY OCCUR IF INSTALLATION INSTRUCTIONS ARE NOT FOLLOWED.

- Disconnect power to HVAC system during wiring to avoid electrical shorts.
- Before setting up the control for use, the amount of ventilation air being delivered (CFM) by the installed ventilation system must be measured.
- Screwing the brackets or any other hardware into any other location but the designated mount location may cause damage and invalidate the warranty.
- Do not force damper blades by hand, as damage to the product may occur.

ELECTRICAL INTERFERENCE CAN CAUSE OUTDOOR TEMPERATURE SENSOR INACCURACY.

- Do not run the Outdoor Temperature Sensor alongside wires carrying high voltage (120 VAC or higher).
- Do not run Outdoor Temperature Sensor wire lengths greater than 300 feet.

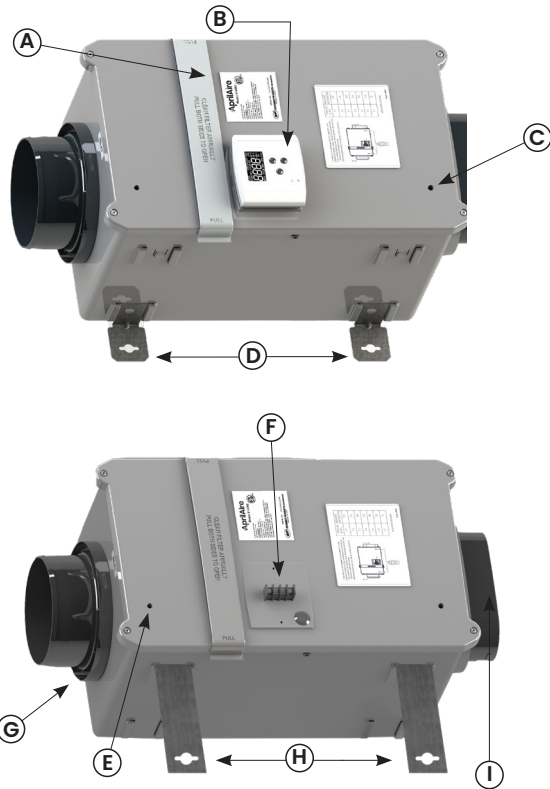
INTRODUCTION AND COMPLIANCE STATEMENT

The Model 8145 and 8145NC Fresh Air Ventilators are designed to bring in precisely the right amount of outdoor air into today's efficiently designed homes. Duct the inlet of the ventilator to an outdoor air intake and duct the discharge to the HVAC system, then simply plug the unit in, set the amount of needed ventilation and select the desired temperature limits.

When properly installed and set, the Model 8145 and 8145NC Fresh Air Ventilators will meet the mechanical ventilation requirements of:

- Energy Star Certified Homes
- EPA Indoor airPLUS
- International Residential Code (IRC)
- International Energy Conservation Code (IECC)
- California Energy Commission Title 24
- ASHRAE Standard 62.2
- ASHRAE Standard 62.2

FIGURE 2: EXTERIOR COMPONENTS OF THE VENTILATOR



- A. FILTER COVER

B. VENTILATION CONTROLLER

C. HIGH PRESSURE PORT

D. SURFACE MOUNT BRACKET LOCATION

E. LOW PRESSURE PORT

F. VENTILATION TERMINALS
- G. INLET COLLAR AND NORMALLY CLOSED POWER DAMPER

H. JOIST MOUNT BRACKET LOCATION

I. OUTLET COLLAR

INSTALL ELECTRICAL OUTLET

Install a standard NEMA 5-15 receptacle suitable for the location, near where the ventilator will be installed. The ventilator comes equipped with a 6-foot power cord with a standard 3-prong plug.

VENTILATOR LOCATION AND ORIENTATION

If the outlet of the ventilator is not ducted, or if small sections of collapsible duct (i.e. flex duct) are attached to the outlet, then the ventilator must be mounted to minimize the possibility of accessing moving parts (see **CAUTIONS** below).

⚠ CAUTION

- Mount the blower with the lowest, exposed moving parts at least 8 feet (2.4 m) above floor or grade level.
- Mount the blower at least 3.3 feet (1.0 m) from any accessible opening of the duct.

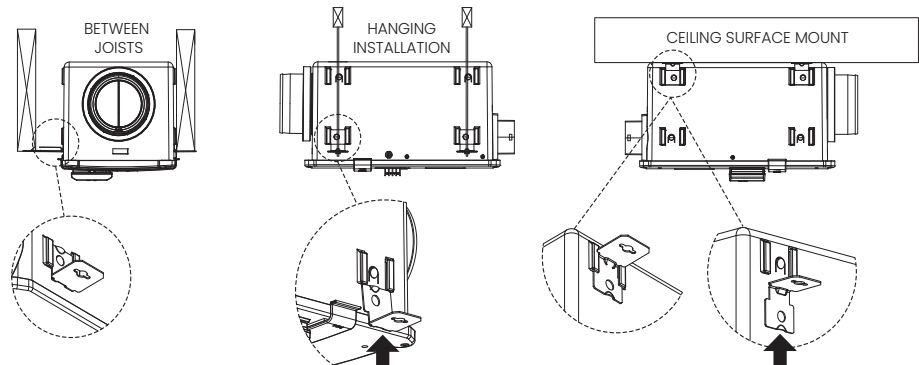
Choose a location for the ventilator that is within 6 feet of the outlet into which the ventilator will be plugged. Allow space for filter removal and service as shown in **FIGURE 3**.

The ventilator can be mounted in any orientation.

MOUNT THE VENTILATOR

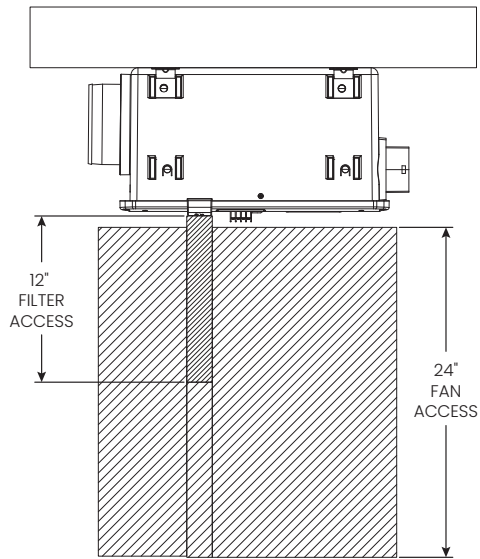
1. Select the needed brackets, large or small, for mounting the ventilator (see **FIGURE 4**). **If mounting to the wall or hanging from joists**, use the four small mounting brackets. **If mounting on or in between the floor joists**, install all four smaller brackets for 13" on center joists, or two small and two longer brackets for 16" on center joists.
2. Snap the brackets into the proper locations as shown in **FIGURE 5**. Use the mounting locations nearest the cover for mounting between floor joists or hanging from rafters. Use the mounting locations furthest from the cover for surface mounting (i.e. flat wall, ceiling surface or bottom of joists).
3. Screw the ventilator brackets into joists or a strong platform using the #10 x 3/4" screws provided. The ventilator weighs approximately 15 pounds, so do not secure into drywall alone.

FIGURE 5: MOUNTING BRACKET POSITIONING



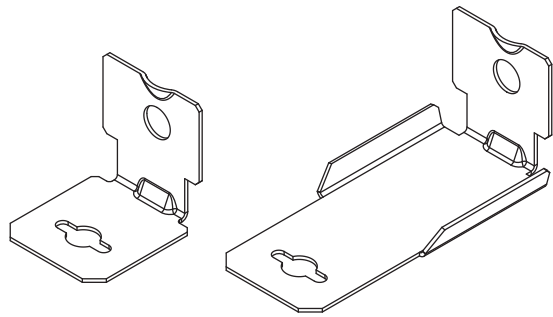
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FIGURE 3: CLEARANCES FOR SERVICING



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FIGURE 4: BRACKETS



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MOUNT INTAKE HOOD

Install a weather tight hood with a bird screen.

Cut a hole in the exterior wall that is large enough to fit 6" insulated flexible duct through with minimal compression of the insulation. Pull the duct through the hole and attach the flex duct to the collar of the hood. Use metal foil tape or a plastic zip-tie to secure the duct to the collar. Pull the insulation and vapor barrier over the duct and tape it to the collar.

IMPORTANT: The end of the insulation must be sealed to prevent condensation from forming inside the insulation. If a plastic zip-tie is used to secure the insulation to the hood collar, also tape the end to seal it against condensation problems.

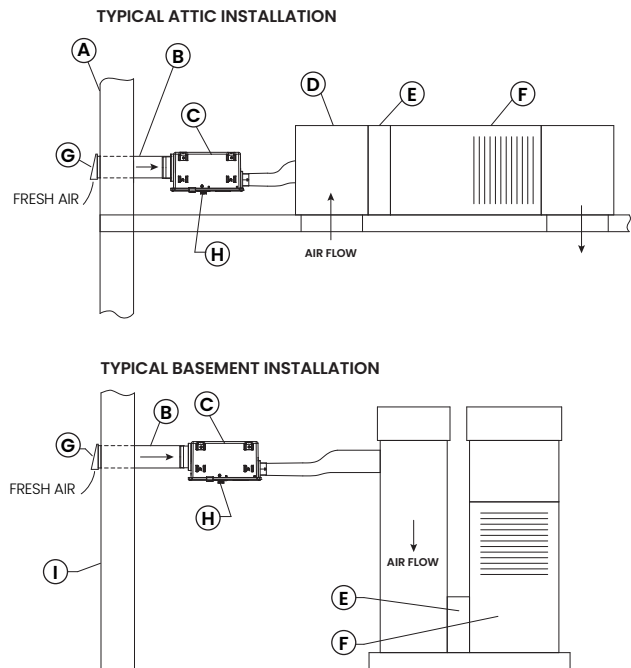
Press the hood against the outside wall and secure in place with screws; seal around the perimeter of the hood with caulk.

INSTALL DUCTWORK

Install 6" diameter flexible, insulated duct from the round inlet collar of the unit to the intake hood and from the oval outlet collar of the unit to the HVAC system. Duct the outlet of the ventilator to the **return side** of the HVAC system (see **FIGURE 6**).

IMPORTANT: The end of the insulation must be sealed to prevent condensation from forming inside the insulation. If a plastic zip-tie is used to secure the insulation to the hood collar, also tape the end to seal it against condensation problems.

FIGURE 6: DUCTING IN UPFLOW AND HORIZONTAL HVAC SYSTEMS



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- | | |
|---|---|
| A. GABLE END WALL, BAND JOIST, OR PORCH SOFFIT | F. FURNACE/AIR HANDLER |
| B. FRESH AIR INTAKE DUCT | G. FRESH AIR INTAKE HOOD WITH SCREEN |
| C. FRESH AIR VENTILATOR | H. VENTILATION TERMINALS |
| D. RETURN MIXING BOX | I. OUTSIDE WALL |
| E. FILTER | |

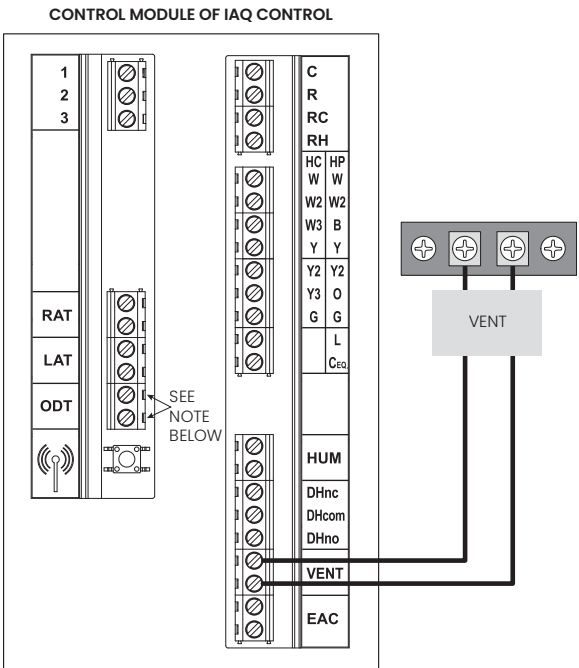
MODEL 8145NC – WIRING TO VARIOUS CONTROLS

SUGGESTED CONTROLS:

- AprilAire IAQ Control Models 8910, 8910W or 8920W
- AprilAire Thermostat Models 8620 or 8620W
- AprilAire Model 8120X Digital Ventilation Controller

Select the diagram that corresponds to the control to be used. Wire the controls to the HVAC equipment and any other IAQ accessory in accordance with the literature provided with the control.

FIGURE 7: WIRING TO IAQ CONTROL



NOTE: An outdoor temperature sensor must be installed to use outdoor temperature limits for ventilation control.

FIGURE 8: WIRING TO THERMOSTAT

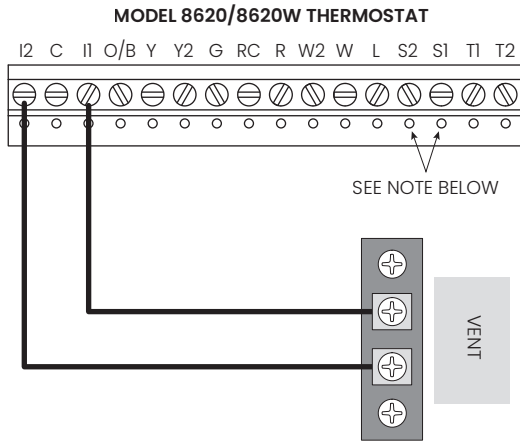
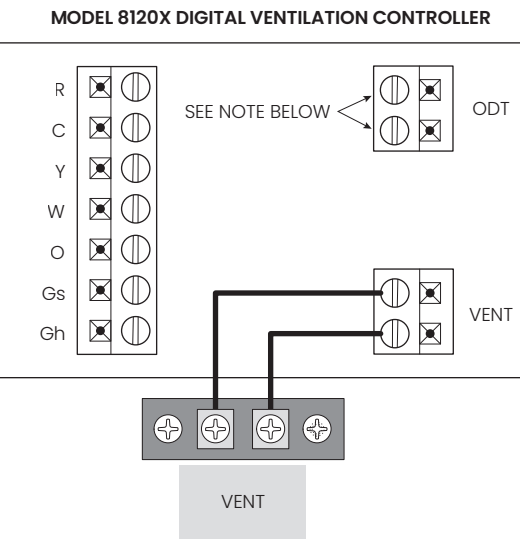


FIGURE 9: WIRING TO MODEL 8120X



MODEL 8145NC – TEST MODE

After all ducting and wiring is complete, plug in the ventilator, restore power to the HVAC system and make sure the switch controlling the outlet into which the ventilator is plugged (if applicable) is turned on.

1. Use the installed control to complete a circuit between the VENT terminals on the 8145NC.
2. Verify that the ventilator blower starts and that the integral damper opens.
3. If the ventilation controller has been wired to turn on the HVAC blower with ventilation, verify that the blower is on.
4. Measure the airflow (CFM) that the installed ventilator is delivering. See **MEASURE DELIVERED AIRFLOW** section on page 9.
5. Using the instructions provided with the installed control, adjust the ventilation settings as required.

MODEL 8145NC – SEQUENCE OF OPERATION

Refer to the installation manual provided with the control that is wired to the Model 8145NC.

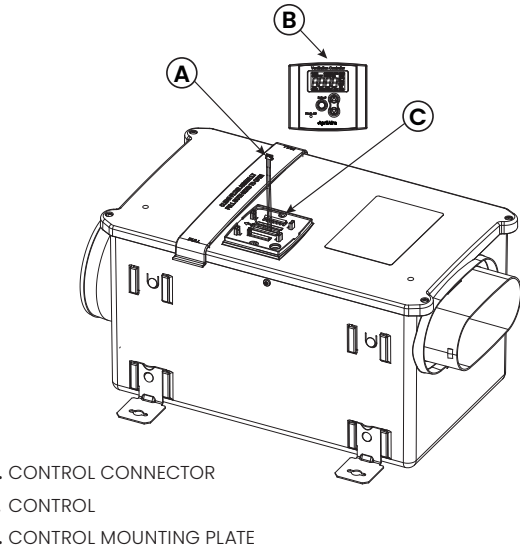
MODEL 8145 – WIRING THE CONTROL TO THE HVAC SYSTEM

NOTICE

Disconnect power to HVAC system during wiring to avoid electrical shorts.

1. Remove the control from the mounting plate as shown in **FIGURE 10**. Set control aside in a safe place until all wiring has been completed.
2. Run a 6-conductor (min.) cable (for furnace/AC applications) or a 7-conductor (min.) cable (for heat pump applications) between the control and the HVAC system.
3. Wire to the HVAC system in accordance with **FIGURE 11** if installed in a furnace/AC application or **FIGURE 12** if installed with a heat pump.

FIGURE 10: REMOVE CONTROL FROM MOUNTING PLATE



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FIGURE 11: WIRING VENTILATION CONTROL TO A FURNACE

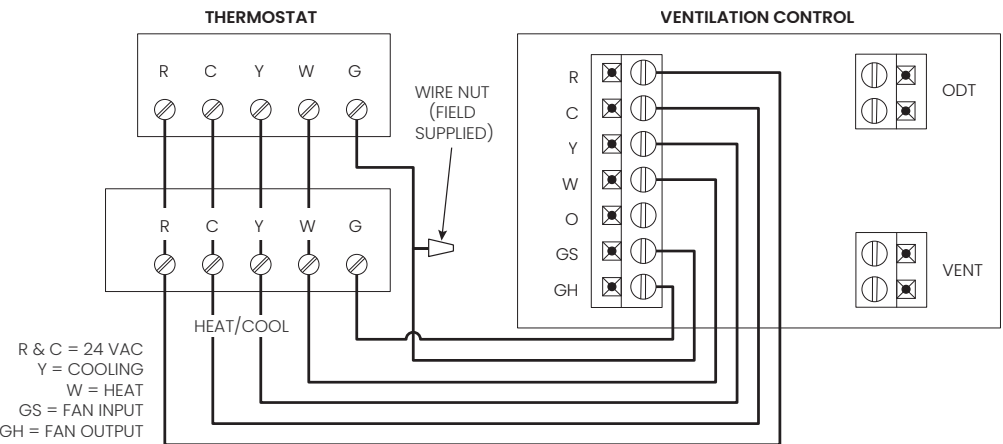
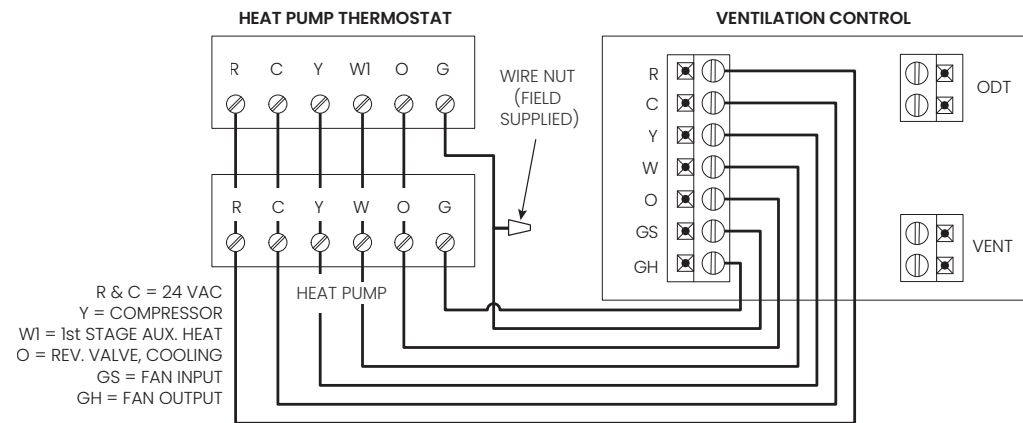


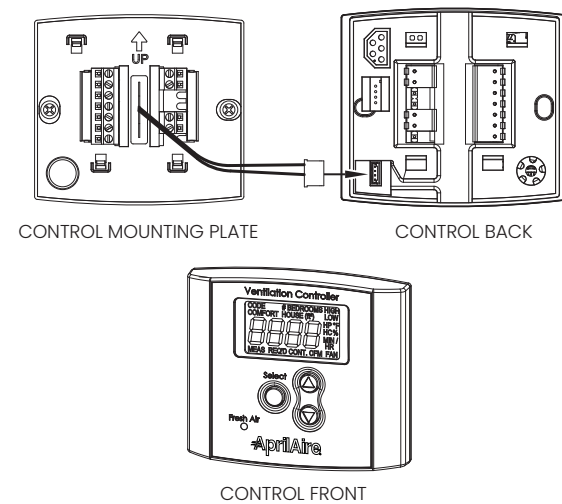
FIGURE 12: WIRING VENTILATION CONTROL TO A HEAT PUMP



MODEL 8145 – CONNECTING THE CONTROL TO THE VENTILATOR

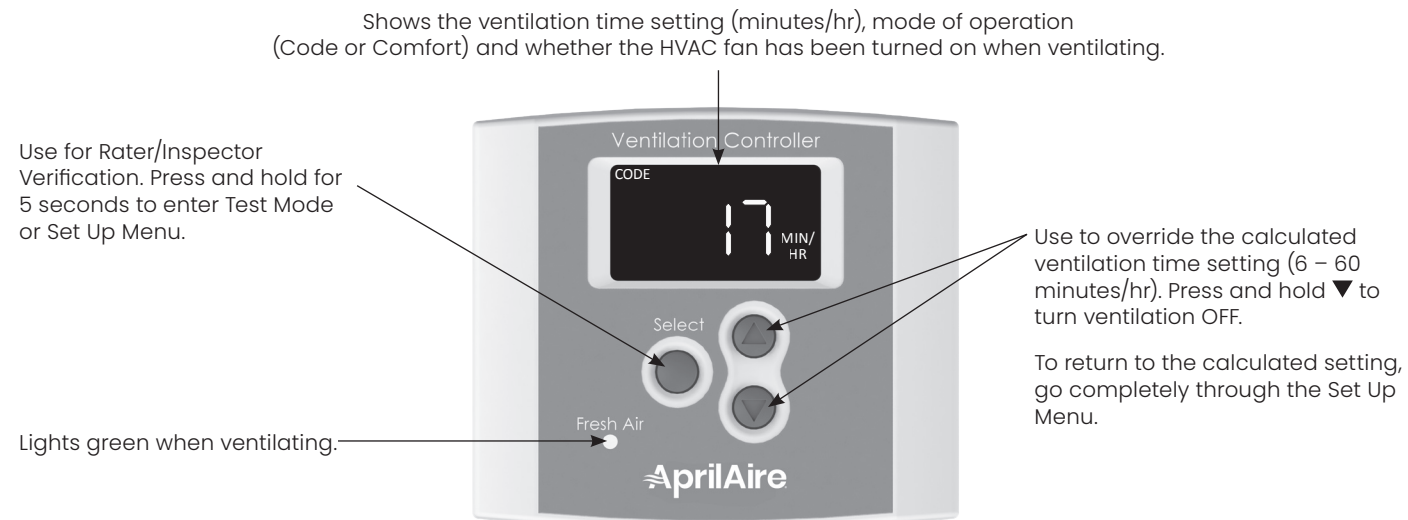
Plug the Control Connector into the back of the control at the location shown in **FIGURE 13**. Route the connector wire through the channels in the control and reattach the control to the mounting plate. Restore power to the HVAC system and plug in the ventilator when complete.

FIGURE 13: PLUG THE CONTROL INTO THE VENTILATOR



MODEL 8145 – OPERATION

The display will appear faint normally; the first press of any button will turn on the display at full power.



MODEL 8145 – TEST MODE

After wiring and set up have been completed, Test Mode can be used to verify that all components in the ventilation system function and that wiring to the HVAC system fan is correct.

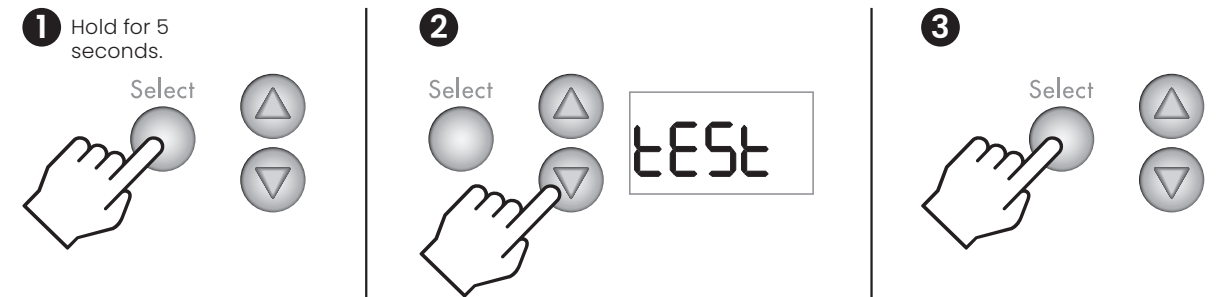


TABLE 2: MODEL 8145 TEST MODE MENU

Test Sequence	Description
76 °F	Shows outdoor temperature or --- °F if no separate outdoor temperature sensor has been installed. Model 8145 installations do not require a separate sensor – outdoor temperature is measured by the control's on-board sensor.
tEST	tEST shows on the display, the green Fresh Air LED will light and either the damper will open or the power ventilator will turn on depending on what has been wired to the VENT terminals.

TABLE 2: MODEL 8145 TEST MODE MENU

Test Sequence	Description
tEST FAN	After 15 seconds, the HVAC fan will turn on if it has been wired and set up to do so. The display will show FAN along with tEST .
CODE 17 MIN/HR	After 45 seconds Test Mode automatically completes and the display returns to the operating display.

MEASURE DELIVERED AIRFLOW

1. Make sure the ventilator is plugged in and wired to an external control (Model 8145NC) or that the integral control is wired to the HVAC system (Model 8145).
2. Use 1/4" flexible tubing to attach a pressure gauge set to "w.c. (sometimes shown as "in. w.g." or "in. H₂O") to the inlet and outlet pressure ports on the ventilator. The pressure gauge should have as small a range as possible to get a meaningful measurement – a range of 1.0" w.c. should be sufficient. Connect the high or "+" port of the gauge to the outlet pressure port on the ventilator, and the low or "-" port of the gauge to the inlet pressure port on the ventilator. See **FIGURE 14**.
3. **Model 8145NC** – Turn on the ventilator using the installed control for the Model 8145NC. This can be done by temporarily changing the ventilation setting to 60 minutes/hour or you can simply place a jumper between the VENT terminals of the ventilator.

Model 8145 – Turn on the ventilator by using the "Up" button to increase the ventilation setting to 60 MIN./HR.

4. Use the label on the cover of the ventilator, or **TABLE 3**, to convert the pressure reading to delivered airflow. If the pressure reading falls between listed values, either use the lower value or interpolate between values: CFM = Lower Value + [(Higher Value – Lower Value) * 10 * (Pressure Reading – Lower Value Pressure)]. The following is an example:

a. Measured Pressure Reading is 0.34 "WC.

b. **TABLE 3** lists 200 CFM @ 0.3 "WC. and 170 @ 0.4 "WC.

c. Either use 170 CFM or interpolate:

$$\text{CFM} = 200 - [(200-170) * 10 * (0.34-0.3)] = 200 - [(30) * 10 * (0.04)] = 200 - 12 = 188 \text{ CFM}$$

Interpolating will demonstrate higher delivered airflow, but requires acalculation to be done.

FIGURE 14: MEASURE PRESSURE AT INLET AND OUTLET PRESSURE PORTS

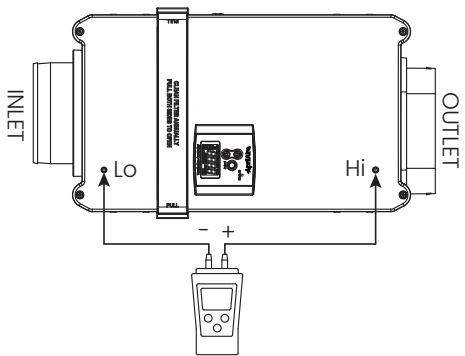


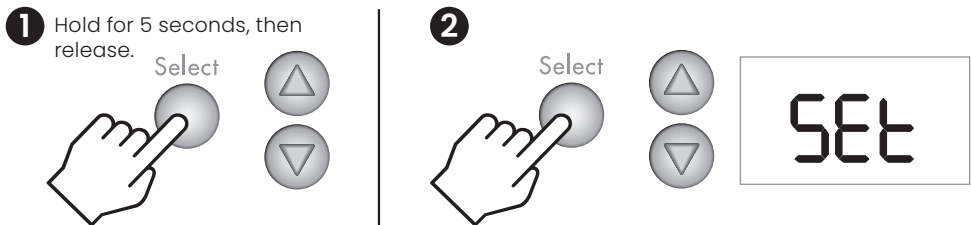
TABLE 3: DELIVERED AIRFLOW CORRESPONDING TO MEASURED PRESSURE AT VENTILATOR PRESSURE PORTS

Measured Pressure ("WC)	Delivered Airflow (CFM)
0.1	255
0.2	225
0.3	200
0.4	170
0.5	145
0.6	115
0.7	90

MODEL 8145 – SET UP

NOTICE

Before setting up the control for use, the amount of ventilation air being delivered (CFM) by the installed ventilation system must be measured.



Throughout the Set Up Menu, the ▲ and ▼ buttons are used to change values, the **Select** button is used enter the value and move on to the next Set Up Menu item.

TABLE 4: MODEL 8145 SET UP MENU

Menu Item	Values ▲▼	Description
	HP or HC	HP if wiring to a heat pump. HC if wiring to furnace and AC.
	1 – 10	Number of bedrooms – used to calculate required continuous ventilation rate.
	500 – 7500 ft²	Square footage – used to calculate required continuous ventilation rate.
	30 – 250 CFM	Measured outdoor airflow delivered during ventilation.
	OFF, 85°F – 105°F	Ventilation high temperature limit. Ventilation is limited when the outdoor temperature exceeds the setting. Turn OFF if no high limit is desired.
	OFF, -10°F – 40°F	Ventilation low temperature limit. Ventilation is limited when the outdoor temperature falls below the setting. Turn OFF if no low limit is desired.
	On, "bLnd", OFF	ON HVAC fan turns on whenever ventilation occurs. bLnd (blend) HVAC fan turns on with ventilation only when the outdoor temperature is outside a set range. OFF HVAC fan is not turned on with ventilation.

TABLE 4: MODEL 8145 SET UP MENU

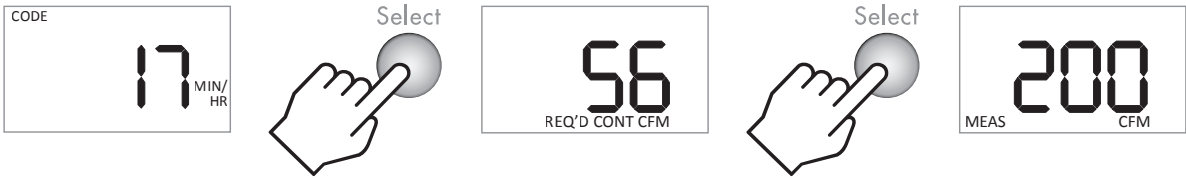
Menu Item	Values ▲▼	Description
	OFF, 60°F to 5°F less than Vent. High Temp. Limit	Only available when bLnd is selected. When the outdoor temperature is above the setting, the HVAC fan will be turned on to mix (blend) outdoor air with indoor air for tempering.
	OFF, 5°F less than Vent. Low Temp. Limit to 55°F	Only available when bLnd is selected. When the outdoor temperature is below the setting, the HVAC fan will be turned on to mix (blend) outdoor air with indoor air for tempering.
	"codE", "cFrt"	code No RH limits and any missed ventilation due to temperature is made up per ASHRAE 62.2-2010. cFrt (comfort) Adds indoor RH limits to ventilation; ventilation missed due to limits is not made up.
	OFF, 45% – 70% RH	Only available when cFrt is selected. When the outdoor RH exceeds the setting, ventilation will not occur.
	OFF, 10% – 30% RH	Only available when cFrt is selected. When the outdoor RH drops below the setting, ventilation will not occur.

When all Set Up Menu options have been entered, the control will display **donE**.

IMPORTANT: The 8145 control senses the temperature and humidity of the outdoor air. To prevent extended periods of inactivity, set the control mode to **code**, or if setting to **cFrt** (comfort), set the RH limits to **OFF**.

MODEL 8145 – RATER/INSPECTOR VERIFICATION

To verify the ventilation time setting, press the **Select** button to scroll through the calculated Required Continuous CFM and the Measured CFM for this installation. If any value does not match the expected value, the Set Up Menu must be entered to change the floor area, number of bedrooms or measured CFM.



The calculation used for the ventilation time setting is (all calculations compliant with ASHRAE Standard 62.2):

$$\text{Minutes per Hour} = 60 * \left(\frac{\text{Required Continuous CFM}}{\text{Measured CFM}} \right)$$

Measured CFM is entered during set up and Required Continuous CFM is calculated according to the equation below:

$$\text{Required Continuous CFM} = ((\text{Floor Area ft}^2 * .01) + (\text{No. of Bedrooms} + 1) * 7.5)$$

MODEL 8145 – SEQUENCE OF OPERATION

“CODE” SETTING

The control will turn on ventilation with a heating, cooling or fan call for the set number of minutes during a one-hour cycle period.

- IF outdoor temperature is above the high temperature limit, ventilation will not occur with a call for cooling or fan call.
- IF outdoor temperature is below the low temperature limit, ventilation will occur with a heat call.
- IF outdoor air temperature is between the high and low temperature limits and the HVAC equipment does not turn enough to meet ventilation time within the hour, the control will turn on ventilation without a heating, cooling or fan call.
 - The control will also turn on the HVAC blower if wired to do so.

If the outdoor temperature exceeds the limits set at the end of the first hour, then no additional ventilation will occur for another 60 minutes, and the cycle period will automatically adjust to four hours.

- When the ventilator starts again, it will sample the air temperature and if in range, will meet the set amount of ventilation during the four-hour cycle period.
 - For example, if Vent Time was set to 25 minutes per hour and the temperature fell below the low limit, ventilation would only occur during a heating call.
 - If the heating only operated for 10 minutes during the hour, the control will automatically change the cycle period to four hours and work to provide the additional 90 total minutes of ventilation (25 min/hr * 4 hours = 100 minutes, minus the 10 minutes of ventilation that occurred during heating) during the four-hour cycle period.
- IF the air temperature is still out of range, the control will automatically switch to an 8-hour cycle period, then a 12-hour cycle period and finally a 24-hour cycle period. During 8, 12 and 24 hour cycle periods, the total ventilation time increases to compensate for ventilation effectiveness as defined in ASHRAE Standard 62.2. When the cycle period automatically adjusts to 24-hours, the control will turn on ventilation to meet the requirements even if the temperature is outside of the set limits.

“COMFORT” SETTING

The control will turn on ventilation with a heating, cooling or fan call by the HVAC equipment, if the outdoor air temperature is within the high and low ventilation temperature limits and the indoor RH is within the high and low RH limits, for the set number of minutes during a one-hour cycle period. If the HVAC equipment does not turn on enough to meet the ventilation time within the hour, the control will turn on ventilation without a call, if the outdoor air temperature and indoor RH is within the set limits. The control will also turn on the HVAC system blower, if wired and set up to do so. If the outdoor temperature or indoor RH are outside of the set limits, then no ventilation will occur.

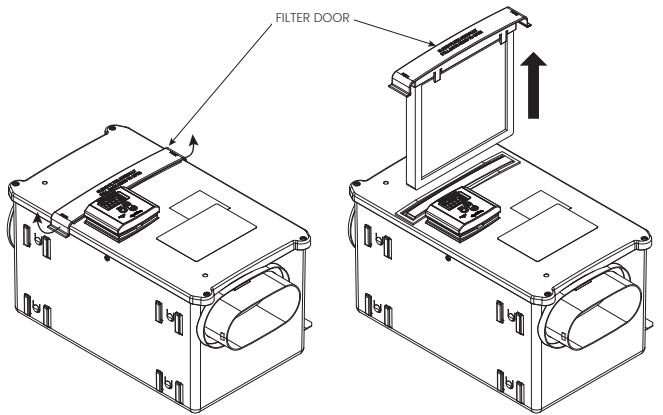
FILTER CLEANING

Normally, the fresh air filter will need to be removed and cleaned every six months, but check it after the first three months following installation to determine if more or less frequent cleaning will be necessary. After cleaning the filter inside the ventilator, clean off the screen at the fresh air intake hood on the outside of the house. The most common cause of reduced ventilation is a clogged air intake hood.

To clean the ventilator filter (see **FIGURE 15**):

1. Flex the outside edges of the filter door to disengage it from the housing.
2. Lift the filter door and remove the filter from the ventilator.
3. Use water to rinse the filter and shake the excess moisture off the filter.
4. Replace the filter in the ventilator and press the outside edges of the filter door to snap it in place.

FIGURE 15: REMOVING THE FILTER



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INTERNAL SCHEMATICS

FIGURE 16: MODEL 8145 INTERNAL SCHEMATIC

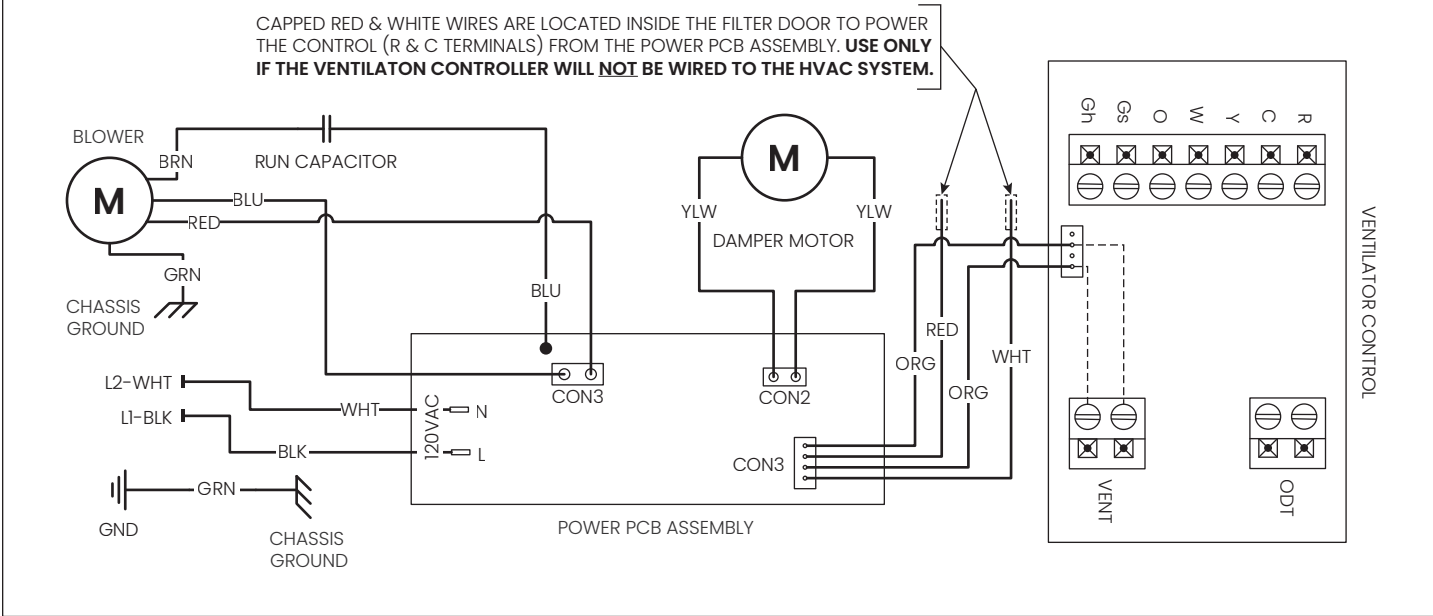
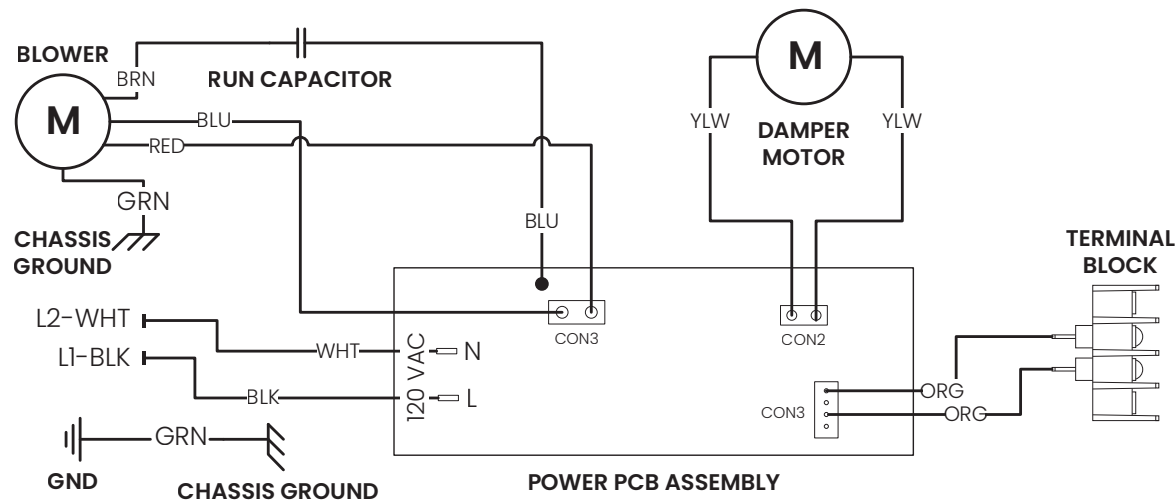


FIGURE 17: MODEL 8145NC INTERNAL SCHEMATIC



TROUBLESHOOTING

TABLE 5: TROUBLESHOOTING GUIDE

Code	Explanation	Correction
E1	Sensor failure. Non-recoverable fault. Not field-correctable.	Call technician to inspect HVAC equipment for damage. If no damage found, power cycle the control/unit. If error code does not resolve itself, replace control.
E2	External temperature sensor was detected at start-up, but has failed when the control is configured to use it. The control will continue as though the temperature limits are set to OFF.	Inspect the ODT sensor connection for loose or broken wires. If no issue found, follow the instructions for testing the ODT sensor resistance on page 15. If the ODT sensor functions correctly, replace control.
E4	Invalid vent input – can be caused by bad ventilation setup variables or sensor error.	You can re-enter installer setup by pressing and holding the Select button to check the installer setup. If the installer setup is OK, replace control.
Ventilator does not operate in Test Mode	Incorrect installation	Review wiring diagrams and ensure proper control installation.
Ventilator only operates in Test Mode	Measured conditions are outside programmed limits.	Ventilation should not occur when outdoor temperature and humidity are outside programmed limits. If outdoor conditions are confirmed within programmed limits, follow the instructions for testing the ODT sensor resistance on page 15.
Ventilator operates constantly	Ventilation run time is set to 60 min/hr.	You can re-enter installer setup by pressing and holding the Select button to check the installer setup. Ensure Number of bedrooms, Square footage, and Measured airflow are entered correctly.
Ventilator control "chatters" or clicks ON and OFF rapidly	Improper wiring between controller (GH), thermostat (G), and furnace or heat pump (G).	Separate controller GH and thermostat G wires if connected. Refer to diagram in WIRING section for proper wiring to furnace (see FIGURE 10 on page 6) or heat pump (see FIGURE 11 on page 7).
Damper never opens/ fan never runs	No power to ventilator.	Confirm ventilator is plugged into live 120V outlet.
Damper always open/ Fan always runs	Control set to ventilate 60 min/hr.	Confirm ventilation time is set correctly.

TABLE 5: TROUBLESHOOTING GUIDE

Code	Explanation	Correction
Ventilator control "chatters" or clicks ON and OFF rapidly	Improper wiring between controller (GH), thermostat (G), and furnace or heat pump (G).	Separate controller GH and thermostat G wires if connected. Refer to diagram in WIRING section for proper wiring to furnace (see FIGURE 10 on page 6) or heat pump (see FIGURE 11 on page 7).
Damper never opens/ fan never runs	No power to ventilator.	Confirm ventilator is plugged into live 120V outlet.
Damper always open/ Fan always runs	Control set to ventilate 60 min/hr.	Confirm ventilation time is set correctly.

TESTING ODT SENSOR RESISTANCE

1. Disconnect the ODT sensor leads from the control terminals.
2. Measure the resistance across the wires with an ohmmeter.
3. Confirm the reading with the temperature in TABLE 4.
4. Reconnect the ODT sensor leads.
5. If the resistance value (+/- 10 kΩ) does not match the temperature value, replace the ODT sensor.
6. Replace the filter in the ventilator and press the outside edges of the filter door to snap it in place.

TABLE 4

Outdoor Temperature (°F)	Resistance (kΩ) ±10
-30	231.8
-20	163.4
-10	117.3
0	84.8
10	62.2
20	46.1
30	34.4
40	26.1
50	19.9
60	15.3
70	11.9
80	9.3
90	7.3
100	5.8

LIMITED WARRANTY

Terms of Coverage

Your AprilAire® Ventilator is expressly warranted to be free from defects in materials or workmanship for five (5) years from date of purchase.

What Is Covered

The exclusive obligation of AprilAire under this Limited Warranty shall be, at the sole discretion of AprilAire, to supply, without charge, a replacement for any component or product which is found to be defective. A defective part will be replaced pursuant to this Limited Warranty with a genuine AprilAire part. A defective product will be replaced pursuant to this Limited Warranty with a new AprilAire product of equal or similar features and functionality if the original product has been discontinued or is no longer available.

Not Covered by the Limited Warranty

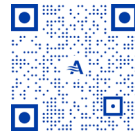
- Consumable or maintenance products, such as, but not limited to: Air Filters, Evaporative Humidifier Water Panels, Steam Canisters, or Steam Humidifier Electrode Wires.
- Labor charges, shipping costs, removal fees, service fees, or reinstallation costs.
- Damage caused by misuse, abuse, or improper installation due to failing to install the product in accordance with the instructions provided.
- Damage to HVAC equipment caused by improper installation(s) or misapplication installation(s).
- Modifications, changes, repurposing, or alterations to the AprilAire product.
- Extended warranties or satisfaction guarantees offered by third parties.
- Cosmetic damage or normal wear and tear, including, but not limited to: scratches, peeling finish, or dents that do not impede the mechanical functionality of the product.
- Damage caused by acts of nature, including but not limited to: fire, collision, flood, wind, power surge, lighting strike, or mold.
- Damage caused during transit.
- Damage caused during installation due to failure to follow local, state, or federal laws, statutes, codes, or ordinances.
- Defects in materials furnished by the installer.

Limit of Liability

IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED IN DURATION TO THE FOREMENTIONED EXPRESS WARRANTY PERIOD. APRILAIRE LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, OTHER THAN DAMAGES FOR PERSONAL INJURIES, RESULTING FROM ANY BREACH OF THE FOREMENTIONED IMPLIED WARRANTIES OR THE ABOVE LIMITED WARRANTY IS EXPRESSLY EXCLUDED. THIS LIMITED WARRANTY IS VOID IF DEFECT(S) RESULT(S) FROM FAILURE TO INSTALL THE PRODUCT ACCORDING TO THE APRILAIRE INSTALLATION INSTRUCTIONS. IF THE LIMITED WARRANTY IS VOID DUE TO MISAPPLICATION OR IMPROPER INSTALLATION, ALL DISCLAIMERS OF IMPLIED WARRANTIES SHALL BE EFFECTIVE UPON INSTALLATION.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation(s) may not apply to your situation. This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Register Your AprilAire® Product



Thank you for choosing AprilAire. Register your product at aprilaire.com/warranty to receive important updates and notifications, and to streamline the process in the unlikely event you file a claim.

Your warranty registration information will not be sold or shared outside of this company.

Make a Warranty Claim

For questions regarding the Limited Warranty or to initiate a claim, contact AprilAire Customer Service at 1.800.334.6011 Monday through Friday, 7:00 a.m. – 5:00 p.m. Central Time.

At the sole discretion of AprilAire, you may be required to: return the product not later than thirty (30) days after the warranty period to the place of purchase or (if directed) to AprilAire, contact a professional contractor to provide warranty service, submit a product for testing related to a warranty claim, and/or send pictures of the original product with the serial number (if applicable) to AprilAire Technical Support for inspection as a condition to reviewing a claim and/or receiving a replacement product under this Limited Warranty.

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AprilAire reserves the right to change specifications without notice.

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