

HealthWay®

S U P E R



The Super V Whole-House Air Cleaner  
with Patented DFS Technology



Model 1700/3400/5100

DFS Filtration System



# Table of Contents

Exploded View and Major Features .....	4
Features.....	4
Super V 1700/3400 Exploded View.....	4
Super V 5100 Exploded View.....	5
Rear View of Filter Access Door.....	5
System Overview.....	6
Safety Precautions.....	6
Performance Data.....	6
Unit Description.....	7
Component Description.....	7
Receiving and Unpacking.....	8
Receiving.....	8
Storage.....	8
Unpacking and Inspection.....	8
Installation Procedures .....	8
Location Determination.....	8
Power Requirement.....	9
Super V System Applications.....	9
Super V 1700/3400 Furnace Installation.....	10
Super V 5100 Furnace Installation.....	11
System Operation .....	12
To Connect Unit to Power .....	12
To Turn on the Unit.....	12
To Turn off the Unit.....	12
Maintenance.....	12
Super V 1700/3400 Filter Replacement.....	12
Super V 5100 Filter Replacement.....	13
Cleaning the Unit.....	14
Parts List.....	15
Testing Steps.....	15
DFS Troubleshooting Guide .....	16
Limited Warranty .....	18
Appendix A - Installation Schematics.....	19
Appendix A1 - 120V with EAC.....	20
Appendix A2 - 120V without EAC.....	21
Appendix A3 - 208-480V with EAC.....	22
Appendix A4 - 208-480V with EAC.....	23



---

Part Number: #10077  
Address: HealthWay, Inc.  
3420 Maple Ave.  
Pulaski, NY 13142  
Phone No: 315-298-2904  
1-800-843-3860  
Fax No: 315-298-6992  
Email: info@healthway.com

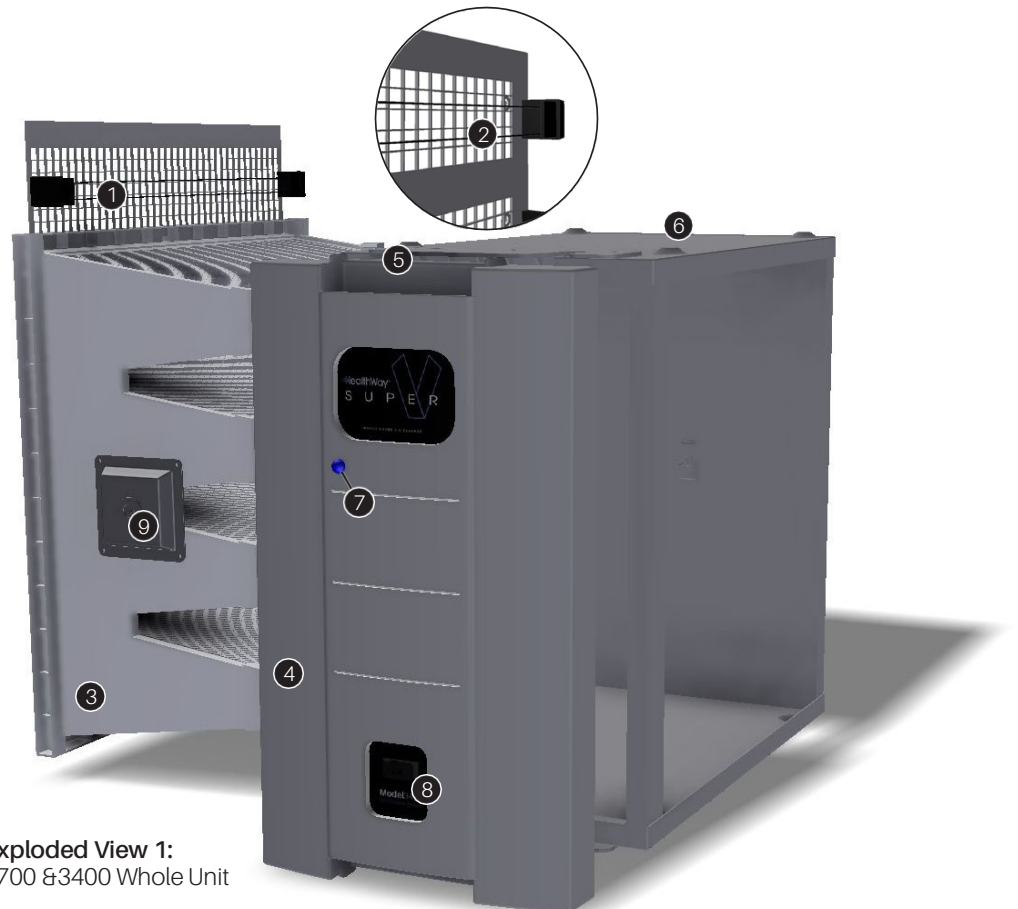


## FEATURES

- **High Air Flow Capacity** - delivers high CFM with low energy consumption
- **Whole House Design** - designed to deliver clean air for the whole house
- **Versatile & Symmetrical Design** - can be installed on either supply or return side of the furnace
- **Patented V-Bank Filter** - increases surface area and provides higher dust loading capacity
- **Up to three times longer filter span** - compared to conventional HEPA Filtration - Lower Maintenance Cost
- **Ease of Maintenance** - quick access to filter in a few steps
- **Smart Air Flow Monitor** - Auto-flow detection to turn on DFS power
- **Designed to Last** - durable powder coated galvanized steel housing
- **Hassle-free Installation** - pre-drilled standing flanges to accommodate attachments to other system components and quick plug in for power to the system
- **100% Sealed System** - high memory sponge neoprene door to filter seal and gaskets on main filter eliminate air bypass

## SUPER V 1700/3400 EXPLODED VIEW

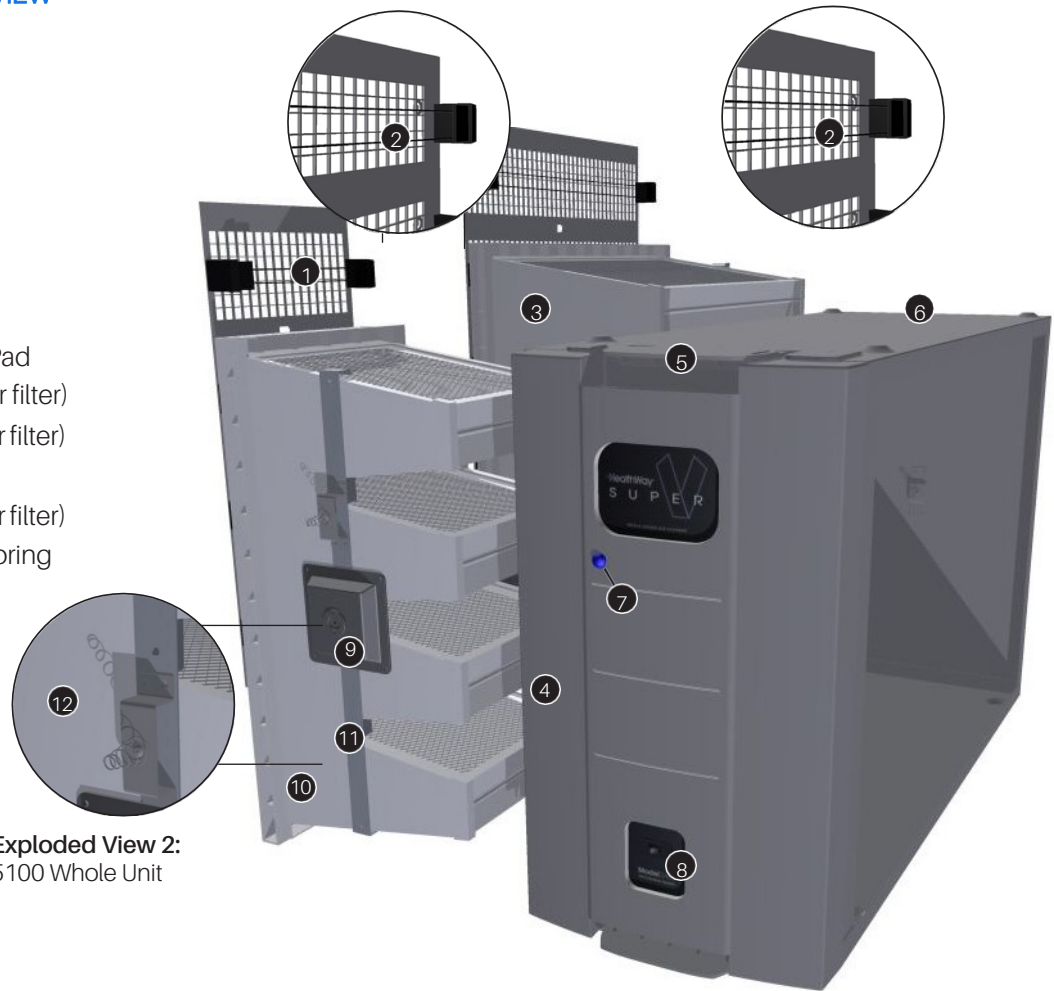
- 1 High Energy Grid
- 2 High Energy Wire
- 3 Main Filter
- 4 Filter Access Door
- 5 Snap Latch
- 6 Main Housing
- 7 DFS Light
- 8 Power Switch
- 9 High Energy Contact Pad



Exploded View 1:  
1700 & 3400 Whole Unit

## SUPER V 5100 EXPLODED VIEW

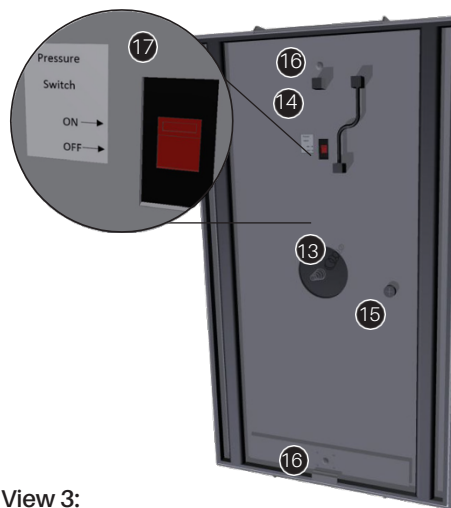
- 1 High Energy Grid
- 2 High Energy Wire
- 3 Main Filter
- 4 Filter Access Door
- 5 Snap Latch
- 6 Main Housing
- 7 DFS Light
- 8 Power Switch
- 9 High Energy Contact Pad
- 10 Extension filter (Smaller filter)
- 11 Extension filter (Smaller filter) ground Bracket
- 12 Extension filter (Smaller filter) contact bracket with spring



**Exploded View 2:**  
5100 Whole Unit

## SUPER V 1700, 3400, & 5100 REAR VIEW OF FILTER ACCESS DOOR

- 13 High Energy Contact Spring
- 14 Air Flow Monitor\*
- 15 Fuse & Fuse Holder\*\*
- 16 Mounting Screw
- 17 Slide Switch \*\*\*



**Exploded View 3:**  
Rear View of Filter Access Door

\* DFS turns on automatically as the air handler provides air flow.

Refer to Page 8, Installation Procedures, Before the Installation, #4 & #5, for detailed instructions.

\*\* Fuse and fuse holder locates inside the filter access door compartment and is only accessible by unscrewing part 16 - mounting screw, to open up the metal board.

\*\*\* Refer to Appendix A for slide switch setting.

## SAFETY PRECAUTIONS

Personnel who will operate this system or those who will perform maintenance thereon, must be given all manuals and other instructions regarding safe operation of the filtration system.

This manual contains general recommendations, but specific requirements may apply to individual installations. Such requirements are outlined in federal, state, and local codes. Compliance with applicable codes and strict adherence to these installation instructions are the sole responsibility of the user.



**This symbol will be used throughout this manual to indicate safety checkpoints. Failure to heed these warnings and notices may result in damage to the unit and/or injury or death to personnel.**

Particle Efficiency (1700/3400/5100)* ( $\mu\text{m}$ )	Initial Particle Removal Efficiency (%)
0.30 - 0.40	98.0
0.40 - 0.55	98.7
0.55 - 0.70	99.0

\* This data is from a third party lab test (ASRAE 52.2).

Air Flow (CFM)	Differential Pressure		
	Model 5100	Model 3400	Model 1700
3000	0.23	N/A	N/A
2800	0.22	N/A	N/A
2600	0.20	N/A	N/A
2400	0.19	N/A	N/A
2200	0.19	N/A	N/A
2000	0.17	0.27	N/A
1700	0.15	0.20	N/A
1600	0.12	0.13	N/A
1400	0.11	0.16	N/A
1200	0.09	0.13	N/A
1000	0.07	0.11	0.27
800	0.05	0.09	0.19
600*	0.03	0.07	0.13
400	N/A	0.04	0.09

\*Super V 5100 rated 600CFM and above.

## UNIT DESCRIPTION

The Super V 1700/3400/5100 Whole House DFS Air Cleaning System is a high-performance system that utilizes patented award winning Disinfecting Filtration System technology. DFS technology electrically enhances a low pressure drop filter to high efficiency while retaining the low pressure drop and longer life advantages of the base filter material. This technology has also been shown to inhibit bacteria growth on the filter.

The Electrical Components are located inside the filter access door.

The Super V System is available in the following model:

Model	Power Requirement			Operating FLA AMPS	Operating Power Usage WATTS
	V	Hz	Phase		
<b>Super V 1700/3400/5100</b>	110	50 / 60	1	0.08A - 110V	8W - 110V

Note: The Super V system can be installed to a 208V-480V AHU/Furnace. Refer to Appendix A - "208V-480V input with EAC" for details.

	Height		Width		Depth		Weight		Shipping Weight	
<b>Super V 1700</b>	24in	670mm	14in	356mm	15in	381mm	36lbs	17kg	42lbs	20kg
<b>Super V 3400</b>	24in	670mm	14in	356mm	27in	686mm	48lbs	22kg	58lbs	27kg
<b>Super V 5100</b>	24in	670mm	14in	356mm	39in	990mm	65lbs	30kg	77lbs	35kg



The electrical power requirements for each individual unit are on the serial number label on the back side of the filter access door. These requirements supersede all other inferences to power requirements.

## COMPONENT DESCRIPTION

The Super V System integrates components symmetrically to work with any furnace set-ups. All electronic components are located inside the filter access door. Change of filter is a breeze. It works in conjunction with the furnace to optimize the performance.

Components	Efficiency	Replacement/ Maintenance frequency*
DFS V-Bank Main Filter**	DFS V-Bank Main Filter** 98% Single Pass efficiency at 0.3 micron per ASHREA 52.2 testing	Every 3 years at 50% duty cycle
High Energy Grid ***		

\*Replacement period depends on the level of pollution in the environment

\*\* Replace Main Filter more often if pollution level is high

\*\*\*Clean the High Energy Grid once a year or as needed

Components	Description
Filter Access Door	Where the control panel, air flow monitor and electrical components located



If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid hazard.

## RECEIVING

Equipment is prepared for shipment in accordance with the Uniform Freight Classification. It is thoroughly inspected at the factory and barring damage in transit, should be received in good condition.

When a freight carrier signs the HealthWay bill of lading, the carrier accepts the responsibility for any subsequent shortages or damage evident or concealed. Inspection by the carrier of damage evident or concealed must be requested. Evident shortage or damage should be noted on the carrier's delivery document before signature of acceptance. Claims must be made against the carrier by the purchaser.

Filtration systems are shipped as fully assembled filter units with field installation necessary. These filter units must be handled and moved using proper rigging techniques, avoiding concentrated stresses that will distort the parts.

## STORAGE

If the unit is not to be installed promptly, store it in a dry place protected against moisture, dust, physical damage, weather, corrosion and excessive heat.

## UNPACKING AND INSPECTION

**The unboxing procedure may require more than one person to handle.**

Unit is packaged in a heavy-duty carton with foam pieces inside for protection. Place unit on a flat, clean and dry surface. Carefully unbox the carton, remove the foam pieces on top and slowly pull out the unit covered with a plastic protection bag. Remove the plastic bag.

Inspect physical damage on the unit surface as well as the power cord. Contact HealthWay's Customer Service Department if damage is found.

Phone No: 315-298-2904 • 1-800-843-3860 • Fax No: 315-298-6992 • Email: info@healthway.com

# Installation Procedures

## LOCATION DETERMINATION

The filtration system location should be carefully planned with consideration given to ease of access for filter replacement or repair of electronics located inside the filter access door.

Enough room (min 25 inches or 635 mm) must be available next to the filter access door for maintenance and filter replacement.

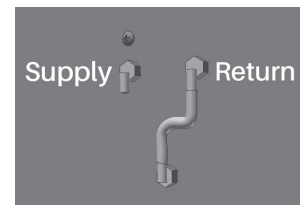
***The inlet duct also must have at least 8" of straight duct before any bends are made.***

There should be no use or spillage of powdered products, aerosols, sprays, or mists near the inlet connection to the filter.

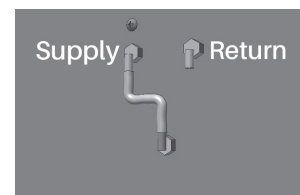
Do not install the filtration system in an exterior environment, unless it is specifically made for exterior installations. Standard units are for indoor use only.

### Before the Installation:

1. For your safety, please read the rules and instructions in this user manual carefully. Failure to follow them could result in serious damage in the air cleaner or cause hazardous condition.
2. Check the information shown on the nameplate to make sure rating is appropriate to your local application.
3. Clean the furnace blower and ductwork because the Super V System cannot remove existing mud, dust etc. from the furnace blower and ductwork.
4. Check air flow direction. When the Super V System is installed on return side of the furnace, the auto flow monitor should be connected to the return barbed connector at the up-right corner-factory default setting. (Fig.A - Return Connection)
5. When the Super V System is installed on supply side of the furnace, the auto flow monitor should be connected to the supply barbed connector at the up-left corner (Fig. B - Supply Connection)



(Fig. A - Return Connection)



(Fig. B - Supply Connection)



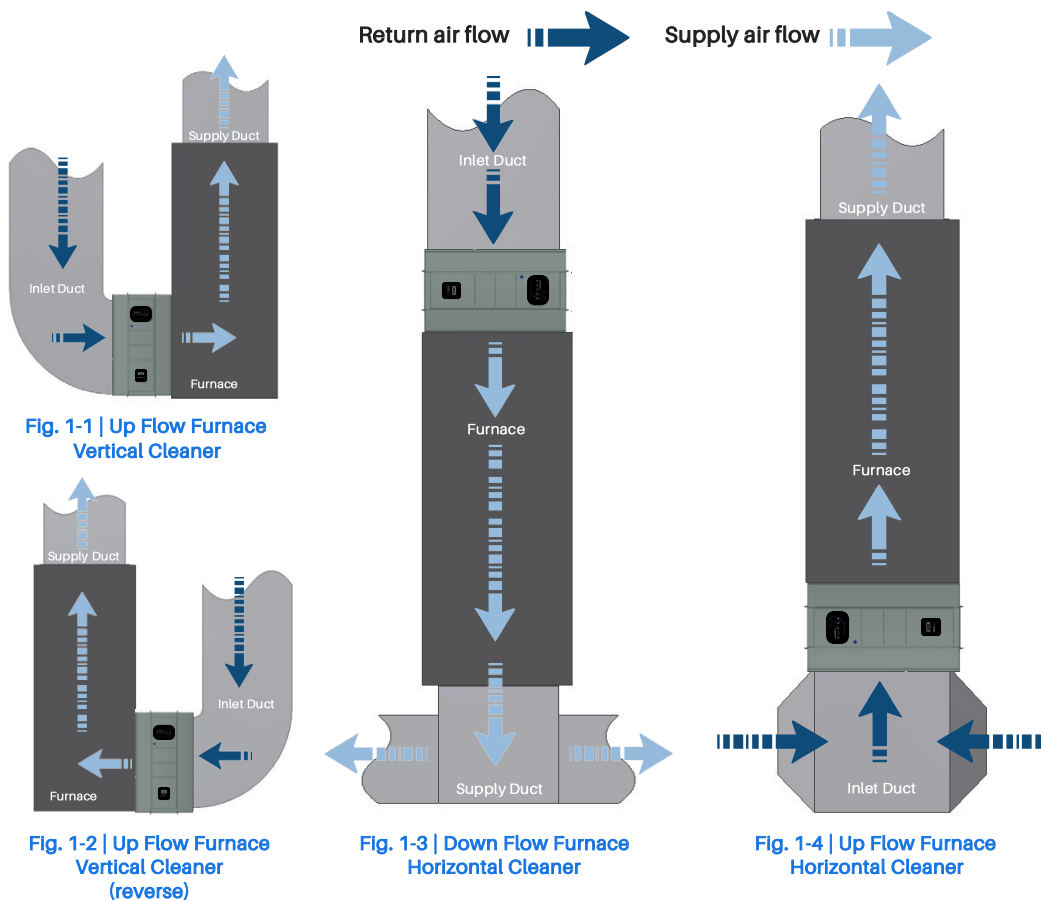
## POWER REQUIREMENT

Refer to information on Page 7, Unit Description for details.

\*Electrical disconnects may also be required - check local electrical codes

## SUPER V SYSTEM APPLICATIONS

Select a mounting position according to the application. Place the unit between the main inlet duct and furnace, in a location which is accessible for checking and replacing the filter. The unit is capable to be installed either left side or right side of the furnace credit to its symmetrical feature and symmetrical housing-filter complex.



The Super V System can also be installed on the supply side of the air handler, making sure the air flow direction through the air cleaner is correct. In this case, the auto flow monitor must be connected to the supply barbed connector as described on #5 under "Before the Installation" on Page 8 (refer to Fig. B - Supply Connection).



All electrical connections must be done by a certified electrician, following the directions listed in this manual.



Do not connect power to the unit until the High Energy Grid wires have been checked for proper connection.



Check the serial number label for all the electrical requirements for this unit.



Before installation of unit, please remove all dirty filters on return side of the AHU/Furnace.

## SUPER V 1700/3400 FURNACE INSTALLATION

Determine the correct air flow direction. The inlet air is marked with an air flow label, the filter header and high-energy grid should be placed on the inlet side (Fig. 2-1 & 2-2)

- a. If the furnace has a left-side opening, place the air cleaner unit (default filter direction) on the left side of the furnace
- b. If the furnace has a right-side opening, pull off the filter access door, flip the unit up-side down, put the door back, and then place the unit on the right side of the furnace

Pull up the snap latch, pull out the filter access door, turn the quarter-turn counter-clockwise to unlock the filter and slide the main filter out (Fig. 2-3 & 2-4)

Locate the mounting holes from the unit and connect the unit to the furnace opening (Fig. 2-5). If the furnace and air cleaner openings are different, use a transition plenum (Fig. 2-6).

Mount return ductwork to the air cleaner system

(Fig. 2-7)

Slide the main filter into the housing from the front

Turn the quarter-turn clockwise to lock the filter

(Fig. 2-4)

Seat the Filter access door on the bottom snap latch, pull up the top snap latch and push close the door towards the housing. (Fig. 2-8)



Fig. 2-1



Fig. 2-2

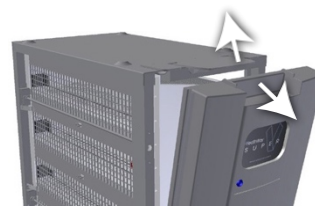


Fig. 2-3

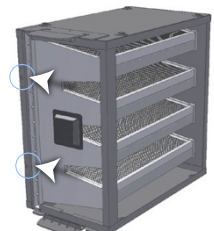


Fig. 2-4

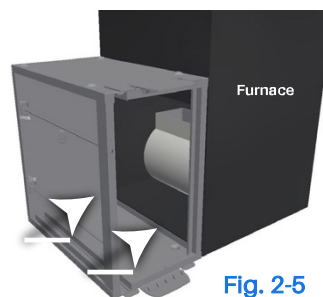


Fig. 2-5

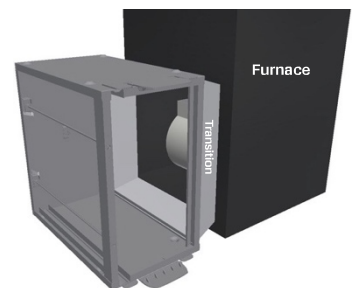


Fig. 2-6

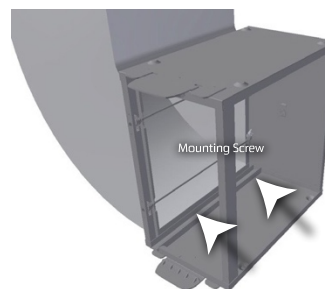


Fig. 2-7



Fig. 2-8

## SUPER V 5100 FURNACE INSTALLATION

Determine the correct air flow direction. The inlet air is marked with an air flow label, the filter header and high-energy grid should be placed on the inlet side (Fig. 2-9 & 2-10)

- a. If the furnace has a left-side opening, place the air cleaner unit (default filter direction) on the left side of the furnace
- b. If the furnace has a right-side opening, pull off the filter access door, flip the unit up-side down, put the door back, and then place the unit on the right side of the furnace

Hold up the snap latch, pull out the filter access door, turn the quarter-turn counter-clockwise to unlock the filter and slide out both filters (the smaller filter comes out first) (Fig. 2-11 & 2-12)

Locate the mounting holes from the unit and connect the unit to the furnace opening (Fig. 2-13)

If the furnace and air cleaner openings are different, use a transition plenum (Fig. 2-14)

Slide both filters (Slide in the larger filter first) into the housing from the front (Fig. 2-12)

Turn the quarter-turn clockwise to lock the filter (Fig. 2-12)

Seat the Filter access door on the bottom snap latch, hold up the top snap latch and push close the door towards the housing. (Fig. 2-16)

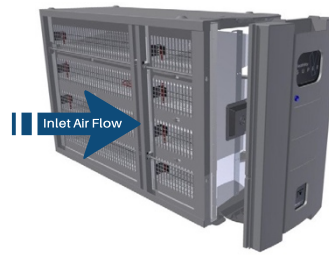


Fig. 2-9



Fig. 2-10



Fig. 2-11

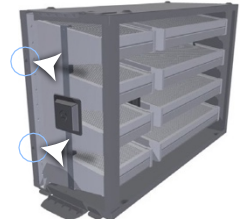


Fig. 2-12

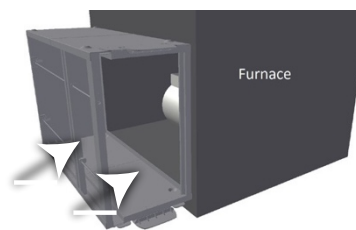


Fig. 2-13

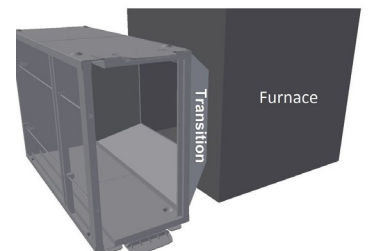


Fig. 2-14

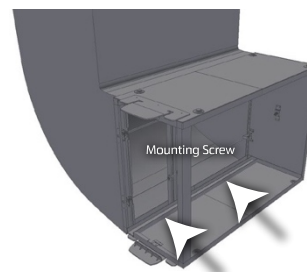


Fig. 2-15



Fig. 2-16

## TO CONNECT UNIT TO POWER

Thoroughly inspect the power cord comes with the unit. Contact HW customer service if it is damaged. If the power cord is in good working condition, plug it in an appropriate power outlet. The unit should be ready for operation once connected to power and furnace blower is on.

## TO TURN ON THE UNIT

Turn on the power switch located on the bottom of the filter access door. When the blower of the furnace is on and the indicating light is illuminated blue, DFS is functioning properly.

## TO TURN OFF THE UNIT

To turn off the DFS of the unit, simply turn off the power switch located on the bottom of the filter access door.



# Maintenance



**When replacing filters use only HealthWay certified filters. HealthWay filters are designed for high voltage operation. Use of non-HealthWay filters can be hazardous to personnel and equipment voiding the warranty.**



**Always unplug the unit and turn off the electrical switches and circuit breakers/disconnects before maintenance on the unit. Wait a minimum of 30 seconds before touching the unit. When replace filter(s), please wear safety gloves or use other hand protections.**

## SUPER V 1700/3400 FILTER REPLACEMENT

Pull the latch up and pull the filter access door off (Fig. 3-1 & 3-2)



Fig. 3-1

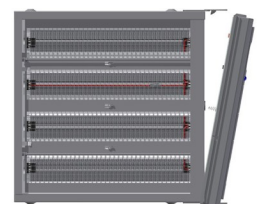


Fig. 3-2

Turn the quarter-turn counter-clockwise to unlock the filter (Fig. 3-3)

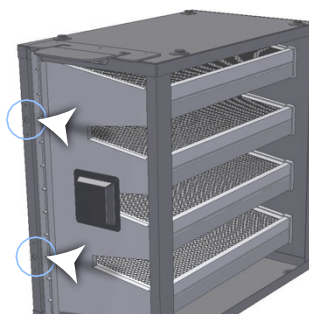


Fig. 3-3

Slide out the filter (Fig. 3-4)

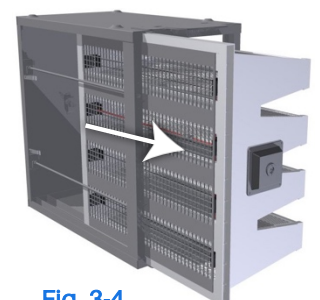


Fig. 3-4

Place filter on a flat and dry surface with the filter header side up (Fig. 3-5)

Unlock all three trim lockers and lift the high energy grid up (Fig. 3-6 and Fig. 3-7)

The high energy grid is connected to the main filter through a red wire with a connector. Unscrew the connector to disconnect the wiring (Fig. 3-8)

Place high energy grid on a flat, clean and dry surface with high energy wires facing up (Fig. 3-9)

Connect the contact red wire from the high energy grid to the new filter by securely screwing in the connector (Fig. 3-8)

Carefully place high energy grid on filter. Make sure each wire sits in between filter media (Fig. 3-7)

Lock the high energy grid with all 3 trim lockers (Fig. 3-6)

Slide filter into housing until filter reaches spring at the back. (Fig. 3-10)

Turn the quarter-turn clockwise to lock the filter (Fig. 3-3)

Pull the latch up and push securely reinstall the filter access door

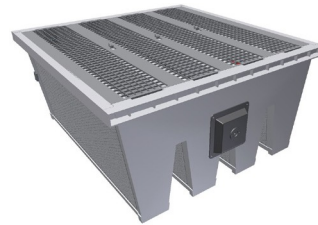


Fig. 3-5

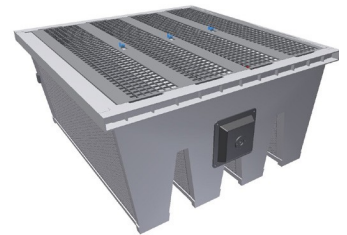


Fig. 3-6

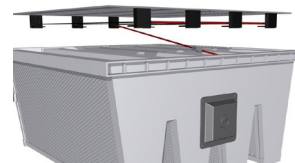


Fig. 3-7

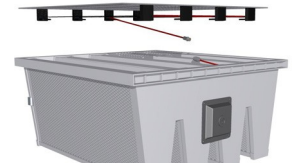


Fig. 3-8

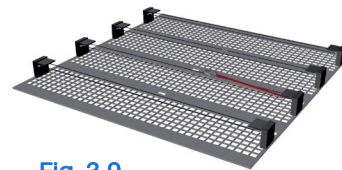


Fig. 3-9

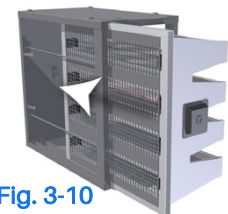


Fig. 3-10

## SUPER V 5100 FILTER REPLACEMENT

Hold the latch up and pull out the filter access door off (Fig. 3-11 & 3-12)

Turn the quarter-turn counter-clockwise to unlock the filter (Fig. 3-13)

Slide out the smaller filter (Fig. 3-14)

Slide out the larger filter (Fig. 3-15)

Place both filters on a flat and dry surface with the filter header side up (Fig. 3-16, only shows the smaller filter)

Unlock all three trim lockers and lift the high energy grid up (Fig. 3-17 and Fig. 3-18)

The smaller filter has 2 sets of high voltage wires (2 female connectors and 2 male connectors). Unscrew both of the connectors to disconnect the wirings (Fig. 3-18)

Place high energy grid on a flat, clean and dry surface with high energy wires facing up (Fig. 3-19)

Connect both the contact red wires from the high energy grid to the new filter by securely screwing in the connector (Fig. 3-18)



Fig. 3-11

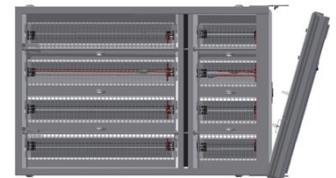


Fig. 3-12

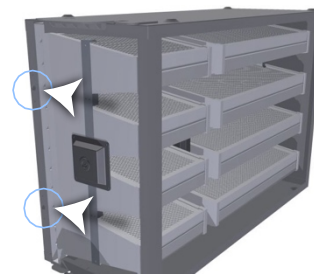


Fig. 3-13

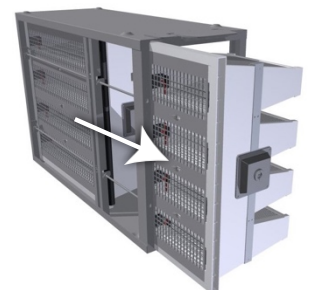


Fig. 3-14

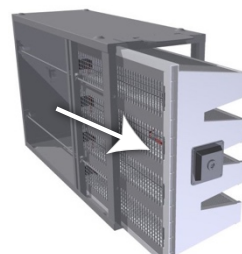


Fig. 3-15

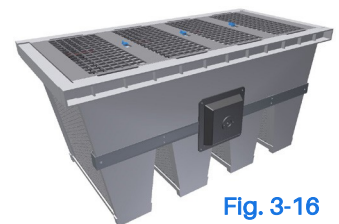


Fig. 3-16

Carefully place high energy grid back on filter. Make sure each wire sits in between filter media (Fig. 3-17). Please be advised that the round end on the high energy grid faces filter front. (Fig. 3-21)

Lock the high energy grid with all 3 trim lockers (Fig. 3-16)

Please refer to user manual Fig. 3-1 to Fig. 3-10 for larger filter replacement instructions.

Slide both filters (larger filter first) into housing until larger filter reaches spring at the back and the smaller filter's back spring push against the larger filter (Fig. 3-20)

Turn the quarter-turn clockwise to lock the filter (Fig. 3-13)

Pull the latch up and push securely reinstall the filter access door (Fig. 3-11)

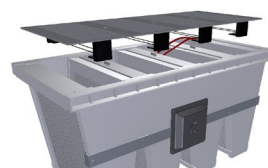


Fig. 3-17

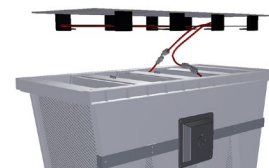


Fig. 3-18

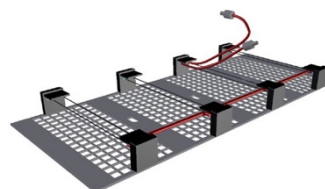


Fig. 3-19



Fig. 3-20

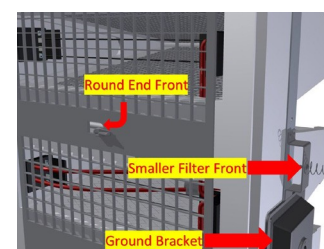


Fig. 3-21

## CLEANING THE UNIT

Depending on contamination level, this procedure should be conducted about once a year or during each filter change or if an electrical problem occurs.

Remove the V-Bank Main Filter and High Energy Grid Assembly  
**Refer to page 10 and 11 for proper instructions.**



**Do not use alcohol or cleaners that may damage acrylics, plastics or aluminum.**

To clean the High Energy Wires, use a lint-free cloth, either dry or moistened with distilled or deionized water, clean along the length of each wire, extension spring, and acrylic standoff.

Clean the inner surfaces of the High Energy Grid material using a lint-free cloth moistened with distilled or deionized water.

Clean the High Energy Grid surface by vacuuming between the wires using a small vacuum attachment or by using a lint free cloth, either dry or moistened with distilled or deionized water. Take care to avoid leaving large fibers snagged on the wires, control grid, or other components of the High Energy Grid.

Make sure that any contaminant that falls to the bottom of the filter unit is removed.

In extreme cases, it may be necessary to remove the wires from the springs attached at each end to the power distribution bars, thus allowing complete access to the inside of the High Energy Grid assembly for cleaning as previously described. It is recommended that the manufacturer be contacted for detailed instructions should this step appear necessary. Reinstall the High Energy Grid, V-Bank Main Filter and filter access door as previously instructed.

## PARTS LIST

HealthWay recommends that the following spare parts be available on-site at all times.

Order all parts by contacting:

Phone No: 315-298-2904  
 1-800-843-3860  
 Fax No: 315-298-6992  
 Email: info@healthway.com

Super V 1700 Part	Description	Part Number
Main Filter	Super V main filter assembly	1700-A-70000-N-0000
Frame	Super V 17000 metal frame assembly	SSV1700_Frame
Filter Access Door	Filter access door	SSV3400_Door
Main Filter Grid	Main filter high energy grid	SSV1700_HEGrid
Super V 3400Part	Description	Part Number
Main Filter	Super V main filter assembly	3400-A-70000-N-0000
Frame	Super V 3400 metal frame assembly	SSV3400_Frame
Filter Access Door	Filter access door	SSV3400_Door
Main Filter Grid	Main filter high energy grid	SSV3400_HEGrid
Super V 5100Part	Description	Part Number
Main Filter	Super V main filter assembly	SSV3400_MainFilter
Frame	Super V 5100 metal frame assembly	SSV3400_FrameEXT
Filter Access Door	Filter access door	SSV3400_Door
Main Filter Grid	Main filter high energy grid	SSV3400_HEGrid
Smaller Filter	Super V 5100 smaller filter assembly	SSV3400_MainFilterEX
Smaller Filter Grid	Super V 5100 smaller filter high energy grid	SSV3400_HEGridEXT

## TESTING STEPS

### Testing Step 1

Make sure the Super V System is plugged in and the power switch on the filter access door is in the "On" position.

### Testing Step 2

The Super V System only functions when the furnace blower is providing air flow. Adjust thermostat so the furnace receives a run command or place thermostat in ventilation mode (if equipped).

### Testing Step 3

The Blue LED on the filter access door should be lit indicating proper function of the DFS system.

**DFS TROUBLESHOOTING GUIDE**

Refer to page 4 & 5 to view the exploded view for location of the components.

**Symptom #1:** Blue LED turns on initially but then turns off.

**Probable Cause #1:** Excessive amount of debris or possible metal or conductive debris in main filter area, High Energy Grid and High Energy Wires.

**Solution:**

**Step 1:** Disconnect the electrical power to the furnace.

**Step 2:** Unplug the Super V System.

**Step 3:** Remove the filter access door by lifting up on the top door latch and gently pulling the top of the door towards you.

**Step 4:** Locate the filter locks and using a Flat Head screwdriver to turn the filter locks ¼ turn Counter-Clockwise to unlatch the filter.

**Step 5:** Remove the main filter from the main housing and gently lay the filter down with the high energy grid facing up.

**Step 6:** Looking through the high energy grid and observe if there is any large debris lodged in the filter and high energy grid area. If this is the case, proceed to the high energy grid removal instructions and gently, carefully remove any debris from the high energy grid area.

**Step 7:** Reinstall the high energy grid. Main Filter and the Filter Access Door. Turn the filter locks clockwise turn to lock the filter. Plug in the Super V System and return electrical power to the furnace. Repeat testing steps 1 - 3.

***If the Blue LED stays lit, the problem has been solved.***

**Probable Cause #2:** Filter Access Door is not completely shut.

**Solution:**

**Step 1:** Turn off the electrical power to the furnace.

**Step 2:** Unplug the Super V System.

**Step 3:** Remove the Filter Access Door by lifting up on the top door latch and gently pulling the top of the door towards you, after pulling the top of the door far enough to clear the top door latch, gently pull door up, fully releasing the door from the unit.

**Step 4:** Re-attach the Filter Access Door to the Super V System. The bottom of the door has an alignment bracket to ensure the door is centered. Start by sliding the alignment bracket into the slot at the bottom of the unit then firmly push the top of the door in until the top door latch snaps into place. Repeat testing steps 1 - 3.

***If the Blue LED lights and stays lit, the problem has been solved.***

**Symptom #2:** Blue LED Never turns on.

**Probable Cause #1:** Filter Access Door not completely shut.

**Solution:**

Same as Symptom #1, Probable Cause #2.



This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction. Cleaning and maintenance shall not be made by children without supervision.



Children should be supervised to ensure that they do not play with the appliance



**Probable Cause #2:** Blown Fuse.**Solution:**

**Step 1:** Turn off the electrical power to the furnace.

**Step 2:** Unplug the Super V System.

**Step 3:** Remove the Filter Access Door by lifting up on the top door latch and gently pulling the top of the door towards you, after pulling the top of the door far enough to clear the top door latch, gently pull door up, fully releasing the door from the unit.

**Step 4:** Locate the fuse holder on the inside of the Filter Access Door. See page 5 component 12.

**Step 5:** Remove the fuse using a Phillips head or Flat tipped screwdriver.

**Step 6:** Replace fuse with 250V 2A and tighten fuse holder cap with Flat or Phillips head screwdriver. Reinstall the Filter Access Door, Plug in the Super V and return power to the furnace. Repeat testing steps 1 – 3.

***If the Blue LED stays lit the problem has been solved.*****Probable Cause #3:** Air flow monitor is not activated.**Solution:**

**Step 1:** Turn off electrical power to furnace.

**Step 2:** Unplug the Super V System.

**Step 3:** Remove the Filter Access Door by lifting up on the top door latch and gently pulling the top of door towards you, after pulling the top of door far enough to clear the top door latch, gently pull door up, fully release the door from the unit.

**Step 4:** Locate the slide switch on the back of Filter Access Door (See page 5 component 14).

**Step 5:** Slide the Switch with a screwdriver or appropriate tool to turn the switch to "OFF" position.

**Step 6:** Use Appendix A-1 or A-2 to finish installation.

**Step 7:** Reinstall Filter Access Door, Plug in Super V and return power to the furnace. Repeat testing steps 1 – 3.

If these steps do not resolve any issues with the HealthWay Super V System, please contact an HVAC professional for further troubleshooting and repair as any further action requires repair or replacement of non-user serviceable parts.

## LIMITED WARRANTY

Your Healthway Super V Air Cleaner is expressly warranted for five (5) years from the date of installation to be free from defects in materials or workmanship, except, however, for the disposable media and control grid including high energy wires which will have to be replaced from time to time depending upon the use. Healthway's exclusive obligation under this warranty shall be to supply, without charge, a replacement for any part of the Super V Air Cleaner which is found to be defective within such five (5) year period and which is returned not later than thirty (30) days after said five (5) year period by you or your original supplier to Healthway, Pulaski, NY 13142, together with the model number and installation date of the Super V.

THIS WARRANTY SHALL NOT OBLIGATE HEALTHWAY FOR ANY LABOR COSTS AND SHALL NOT APPLY TO DEFECTS IN WORKMANSHIP OR MATERIALS FURNISHED BY YOUR INSTALLER AS CONTRASTED TO DEFECTS DISCOVERED IN THE AIR CLEANER ITSELF. IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED IN DURATION TO THE AFORESAID FIVE YEAR PERIOD. HEALTHWAY'S LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, OTHER THAN DAMAGES FOR PERSONAL INJURIES, RESULTING FROM ANY BREACH OF THE AFORESAID IMPLIED WARRANTIES OR THE ABOVE LIMITED WARRANTY IS EXPRESSLY EXCLUDED. THIS LIMITED WARRANTY IS VOID IF DEFECT(S) RESULT FROM FAILURE TO HAVE THIS UNIT INSTALLED BY A QUALIFIED HEATING AND AIR CONDITIONING CONTRACTOR. IF THE LIMITED WARRANTY IS VOID DUE TO FAILURE TO USE A QUALIFIED CONTRACTOR, 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 exclusion or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

### **This Limited Warranty does not apply to replaceable filter(s).**

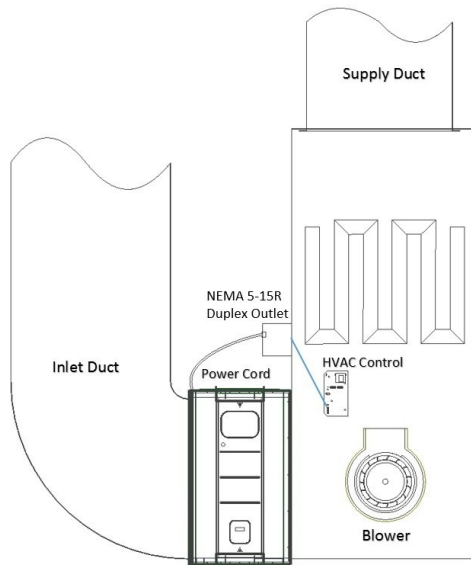
#### **Limitations:**

This information is provided as a guide regarding warranty claim procedures for HealthWay air purification systems.

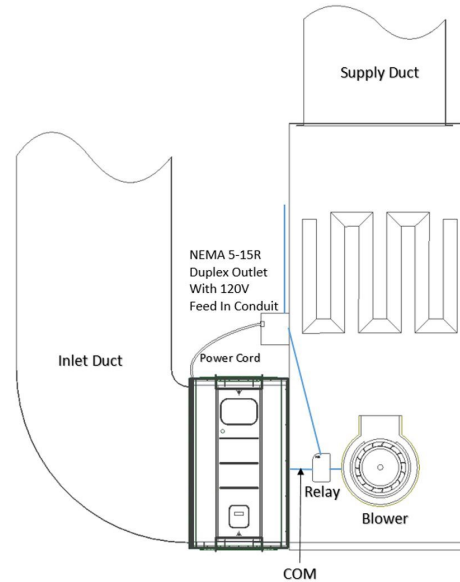
1. Determine model number from the label on the unit.
2. For technical support, warranty information, warranty parts or replacement parts, call HealthWay from 8:00 AM-5:00 PM EST. A HealthWay representative will help you troubleshoot and diagnose the problem. Warranty matters involving products sold through a manufacturer representative should be directed to the appropriate representative.
3. Important: Do NOT return anything without a Return Authorization.
4. All returned parts are quality tested. If the returned part is found not to be defective, you may be invoiced for the new part.

## APPENDIX A - INSTALLATION SCHEMATIC

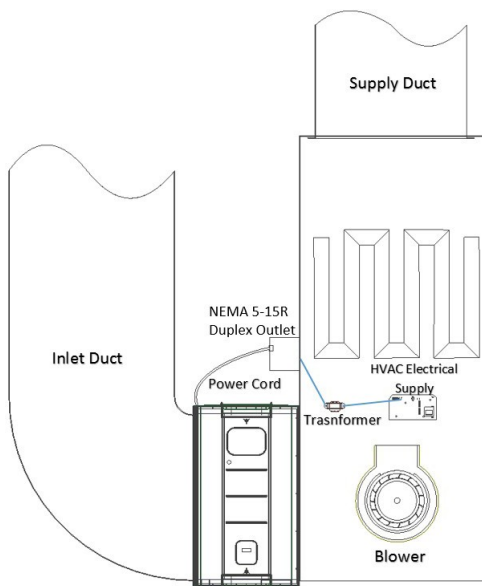
Installation for low pressure/ low static pressure application, set slide switch to "air flow monitor off". And use one of the following schematics to finish the installation.



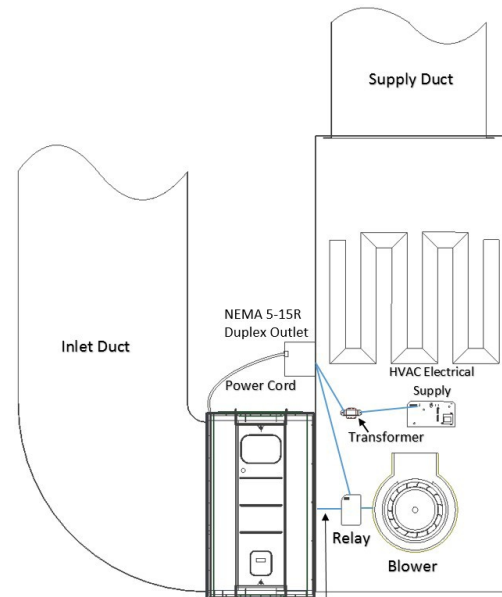
120V with EAC



120V without EAC



208V-480V input with EAC

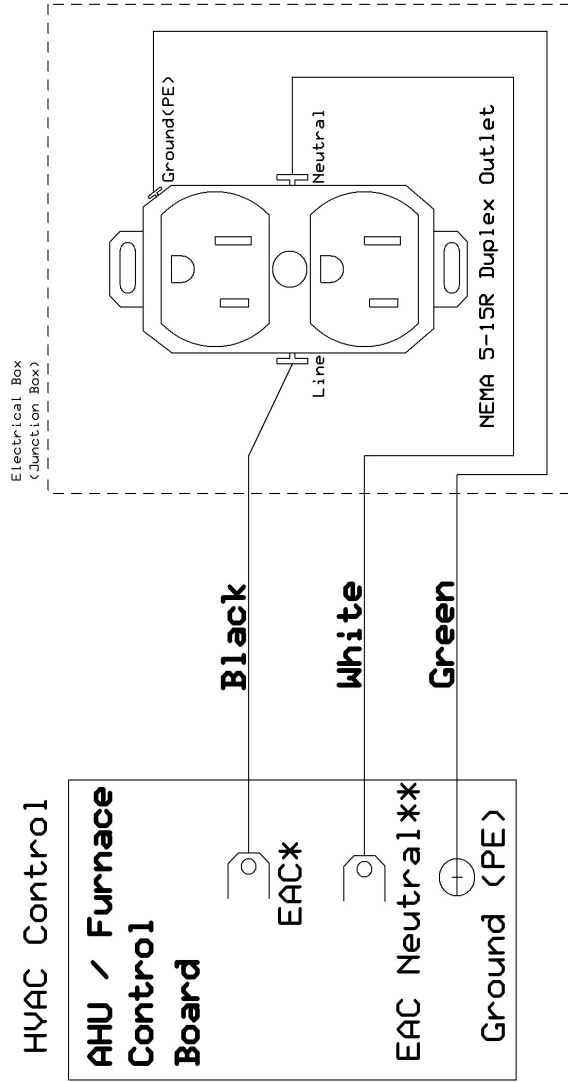


208V-480V input without EAC

## RECOMMENDED PARTS (OR RELEVANT) FOR INSTALLATION SCHEMATIC:

1. Transformer: UL listed, by Functional Device, PN: TR40VA013, VA Rating: 40, 50/60Hz, Primary voltage: COM 208/240/277/480, Secondary voltage: 120Vac.
2. Relay: UL listed, by Functional Device, PN: RIBXGHF, 0.5-150 amps, 120V, Max Sense Voltage: 600Vac.

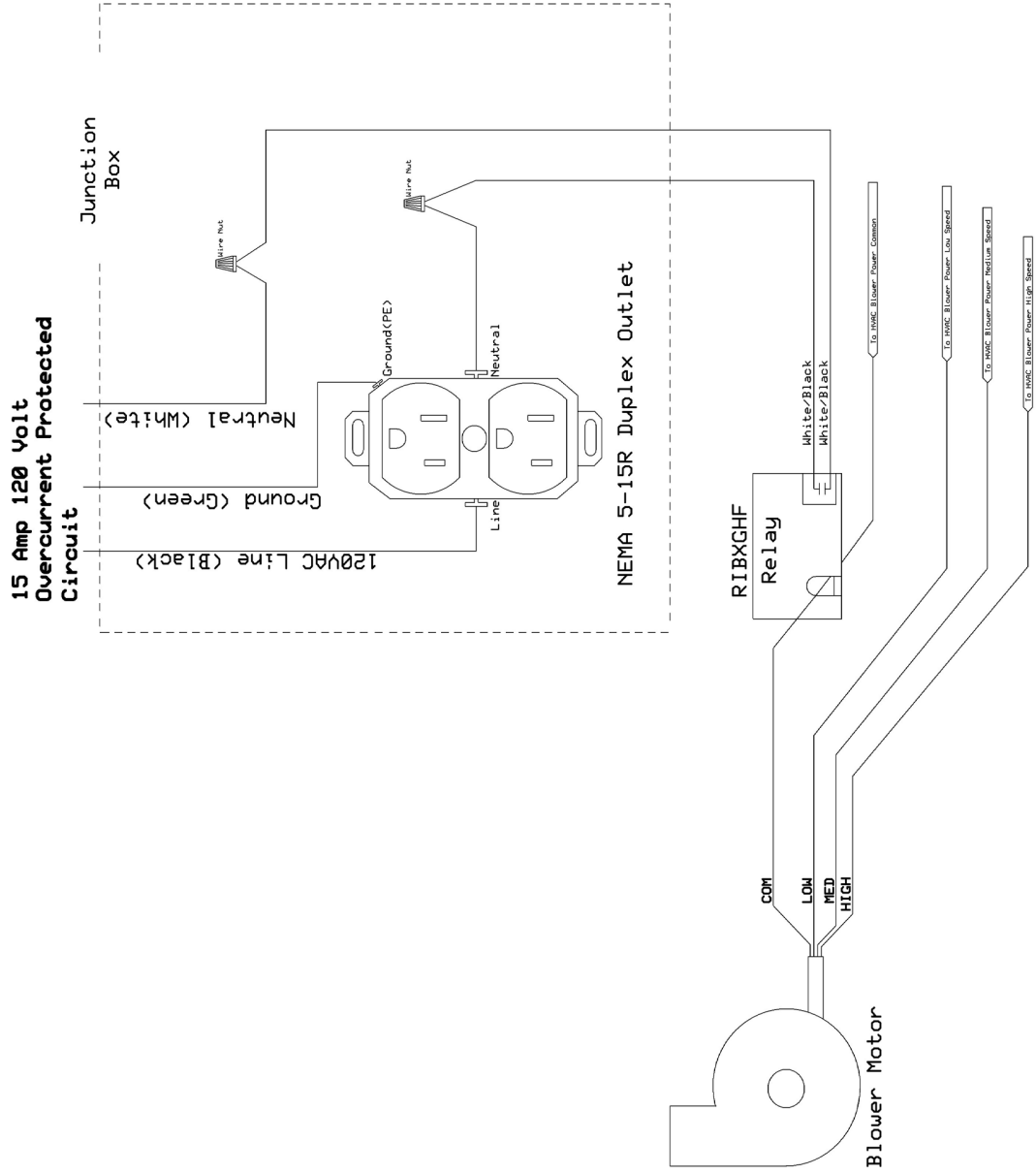
Installation for low flow / low static pressure applications  
 AHU / Furnace has EAC (Electronic Air Cleaner) output  
 Super V slide switch set to “air flow monitor off”



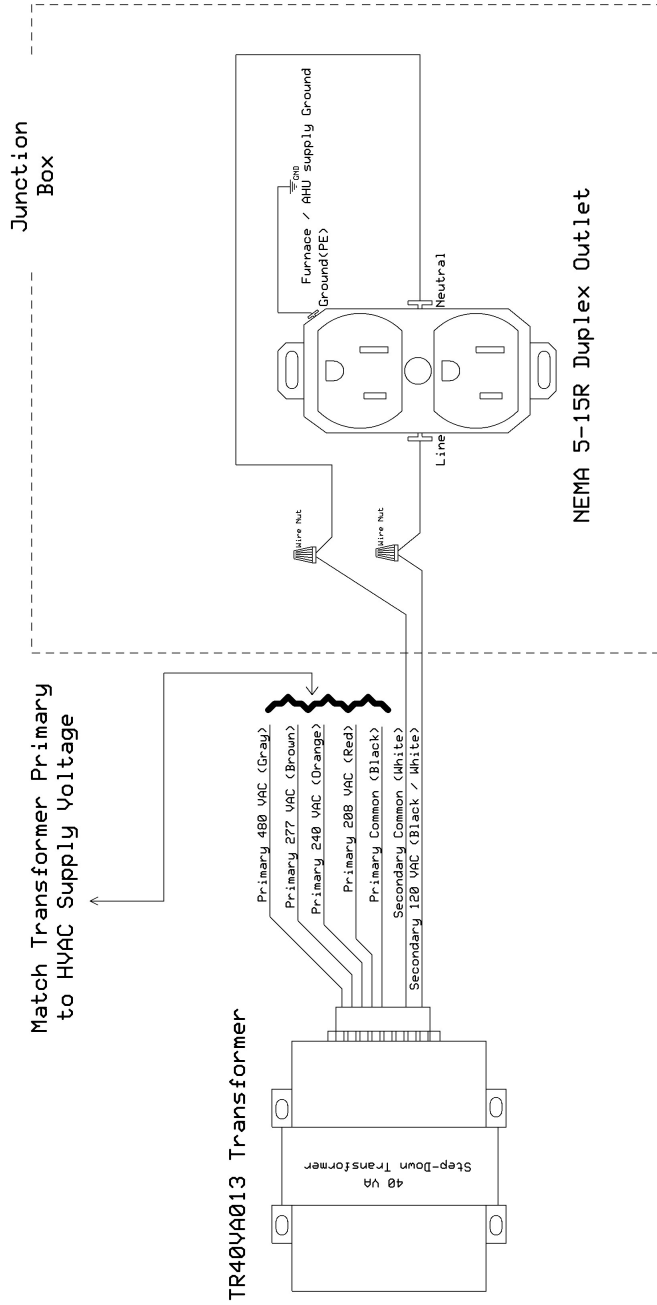
\* EAC May be labeled EAC, EAC1, EAC-H...

\*\* EAC Neutral May be labeled EAC Neutral, EAC N, EAC2, EAC-N...

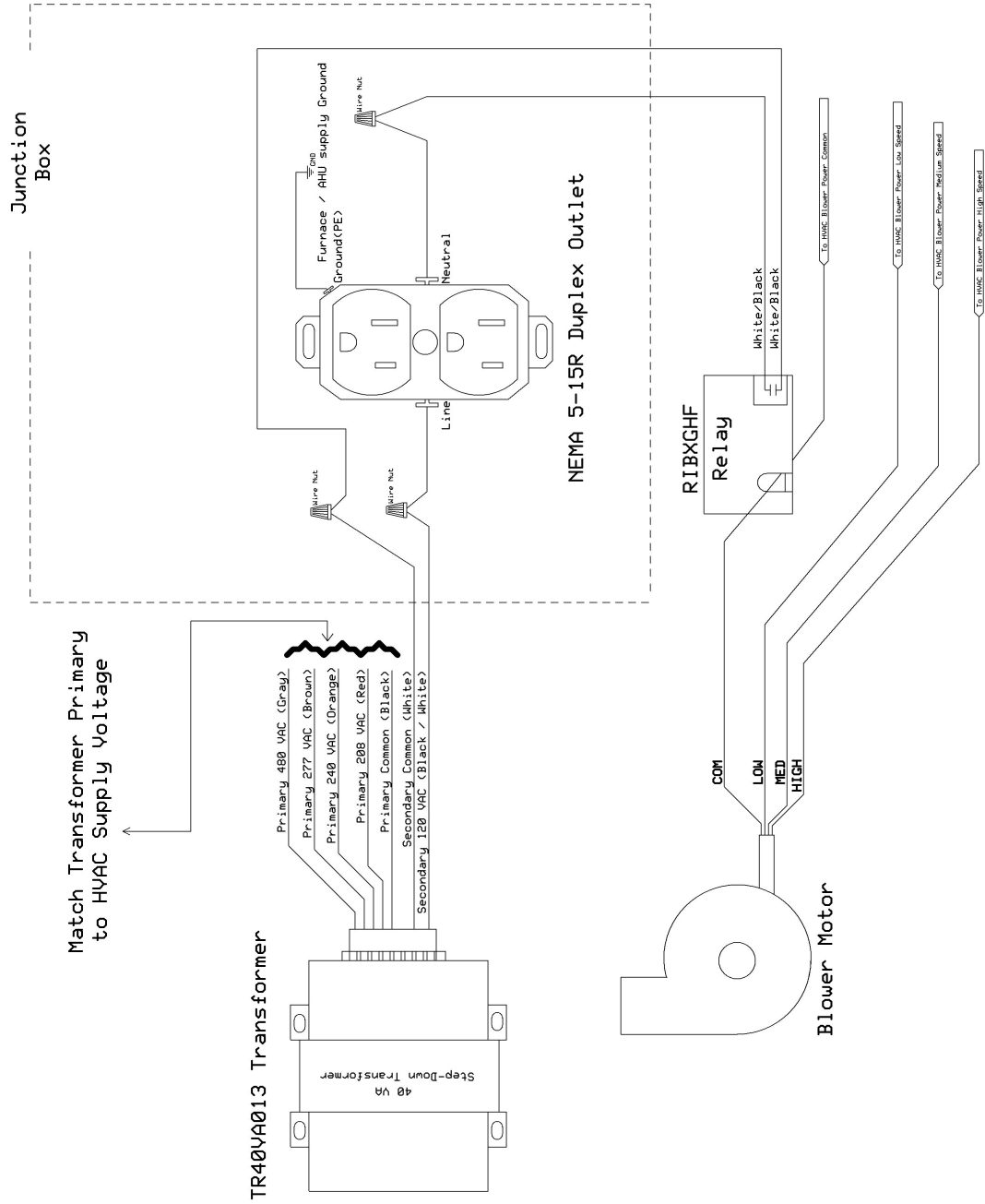
Installation for low flow / low static pressure applications AHU / Furnace does not have EAC (Electronic Air Cleaner) outputSuper V slide switch set to “air flow monitor off”.



**Installation for low flow / low static pressure applications  
 AHU / Furnace has an input voltage of 208Y - 480Y  
 Super V slide switch set to "pressure switch off"**



**Installation for low flow / low static pressure applications  
 AHU / Furnace has an input voltage of 208V - 480V  
 Super Y slide switch set to "pressure switch off"**





3420 Maple Ave.  
Pulaski, New York 13142 USA  
Toll Free: 1-800-843 3860  
Int'l: 1-315-298-2904

[healthway.com](http://healthway.com)