

# RESPA® CF2 / CFX2 / FFX2 / PFX INSTALLATION & SERVICE GUIDE



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## Introduction:

**FRESH AIR:** The RESPA® CF2 provides precleaning, pressurization, and filtered fresh-air through a proprietary process. The RESPA CF2 powered precleaner works to pressurize an enclosure, reducing dirt infiltration. Use the RESPA CF2 with a RESPA CFX2, RESPA PFX, or RESPA FFX2 recirculation system to create a highly effective Cab Air Quality System.

**MONITOR:** It is recommended that the Sy-Klone Cab Pressure Monitor System<sup>†</sup> be installed to alert the operator when it is time for the RESPA filter to be changed. The RESPA Advisor<sup>®</sup> monitors pressure. The RESPA Advisor+ touchscreen monitor includes pressure and CO<sub>2</sub>. RESPA products provide high-efficiency filtration<sup>\*\*</sup> for sustained periods of time with no maintenance. Uses included all environmentally controlled operator and control spaces in all industries.

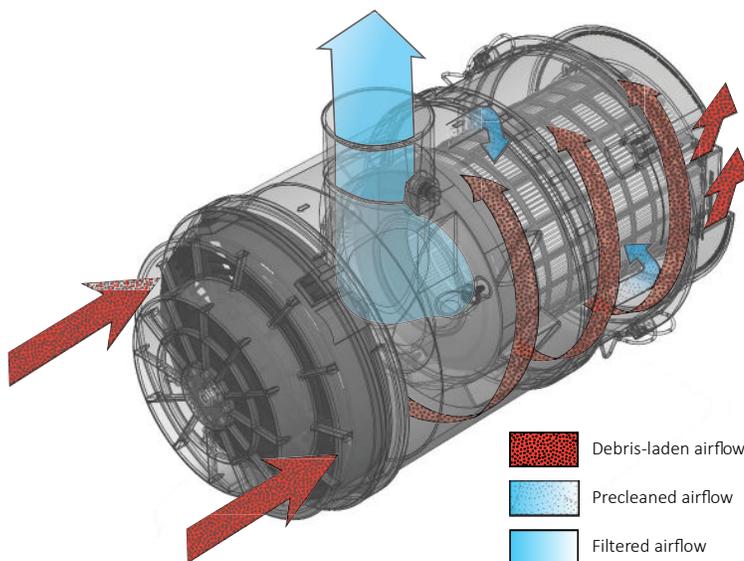
**RECIRCULATION:** Sy-Klone offers three high-efficiency recirculation filtration options. The powered RESPA CFX2 provides inline filtration. The standalone RESPA PFX provides powered recirculation filtration without any plumbing. The non-powered RESPA FFX2 can replace the factory recirculation filter with high-efficiency filter. The RESPA CFX2, RESPA PFX, and RESPA FFX2 are designed to complement the RESPA CF2.

**RESPA is not certified for use in explosion risk environments.**

<sup>†</sup>RESPA Advisor<sup>®</sup>+ CO<sub>2</sub> / Pressure Monitor meets ISO 23875 requirements

<sup>\*\*</sup>Sy-Klone RadialSHIELD<sup>®</sup> HEPA and EPA filters meet ISO 23875 requirements

## How It Works – RESPA CF2 – The Sy-Klone Effect



1. Air and particulate debris are pulled into the unit.
2. Debris is thrown to the outside walls in a vortex pattern.
3. Debris is ejected from the housing.
4. Precleaned air is pushed through the high-efficiency filter and only clean air is passed on to the HVAC unit.

# Three Steps to a Complete Cab Air Quality System:

1. Fresh Air System	2. Monitor Options	3. High-Efficiency Recirculation Options	
 <p><b>RESPA CF2</b> Precleaner / Filter / Pressurizer</p>	 <p><b>RESPA Advisor</b> Pressure Monitor</p> <p><b>RESPA Advisor+</b> CO<sub>2</sub> + Pressure Monitor</p>	 <p><b>RESPA PFX</b> Standalone Powered Recirculation Filtration</p>	 <p><b>RESPA CFX2</b> Powered Recirculation Filtration</p> <p><b>RESPA FFX2</b> Non-Powered Recirculation Filtration</p>

## Fresh Air - RESPA CF2 Configurations:

The RESPA CF2 is available in several configurations with the following build options: voltage (12V or 24V), motor type (compact or brushless), outlet size (3-inch or 4-inch), unit/filter length (standard or extended), and ejective filter type (MERV 16/F9, EPA, or HEPA). RadialSHIELD® Odor+HEPA, Gas+HEPA and Ammonia+HEPA\* filters available separately.

*\*RESPA CF2 optional specialty filter, Odor+HEPA, available in standard length only.  
RESPA CF2 optional specialty filters, Gas+HEPA and Ammonia+HEPA, available in extended length only.*

### Compact Motor Systems



Standard Length



Extended Length



### Brushless Motor Systems

## Recirculation Option 1 - RESPA CFX2 Configurations:

The RESPA CFX2 with brushless motor adds a 4-inch ducted inlet and is available in several configurations with the following build options: voltage (12V or 24V), outlet size (3-inch or 4-inch), unit/filter length (standard or extended), and closed filter type (MERV 16/F9, EPA, or HEPA).



Standard Length



Extended Length

## Recirculation Option 2 - RESPA FFX2 Configurations:

The RESPA FFX2 is available in several configurations with the following build options: mounting (base or flange), outlet type (straight or elbow), outlet size (3-inch or 4-inch), inlet louver type (housing or filter), and filter type (MERV 16/F9, EPA, or HEPA).

### Base Mount Configurations

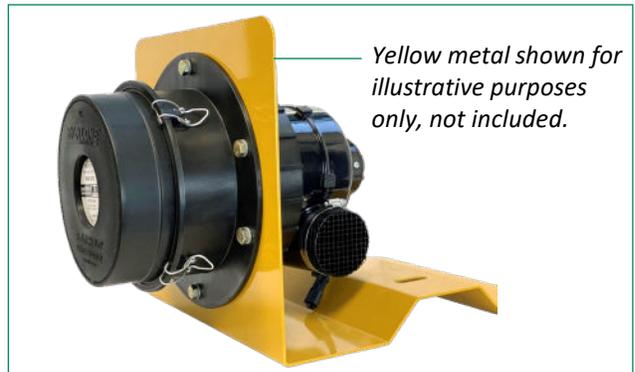


### Flange Mount Configurations



## Recirculation Option 3 - RESPA PFX Configurations:

The RESPA PFX is available in two configurations with the following build options: 12 or 24 Volt; mounting (base or flange); filter style (closed or louvered); and filter type (EPA or HEPA).



# IMPORTANT Mounting Considerations



## READ BEFORE INSTALLING!

### LOCATION:

**The location should be selected to require the shortest amount of plumbing with as few bends as possible.**

The RESPA CF2 unit can be mounted in a variety of locations and orientations, as long as the ejection ports are oriented in a fashion that water can NOT fall/run into the filter housing.

### VERTICAL MOUNTING:

**When mounting vertically, it is recommended that the unit be mounted with the inlet/rain cap end up.**

If mounted vertically, with the inlet down, the rain cap should not be used as it could retain debris and moisture in this orientation. **NOTE:** When mounting the RESPA CF2/CFX2/FFX2 vertically, with the filter end up, beware that debris can enter outlet when filter is removed.

### FILTER CLEARANCE:

**Leave adequate room to release filter latches and remove filter from the filter housing:**

Standard length unit: approximately 6.25 inches (159mm) of clearance needed to service filter. Extended length unit: approximately 12.25 inches (311mm) of clearance needed to service filter.

### ROTATION:

**OUTLET:** The RESPA CF2/CFX2/FFX2 outlet can be rotated every 10 degrees.

**EJECTION PORTS:** The RESPA CF2 ejection ports can be rotated 360 degrees. Remove filter, rotate filter to correct orientation, then reinstall. **NOTE:** The RESPA CF2 unit ejects debris at a high rate. Make sure the ejection ports are pointed away from any surface and away from the operator's field of vision.

### PLUMBING:

When plumbing with rigid piping, you must use a soft connection such as a flex hose or rubber adaptation between the RESPA unit and the rigid piping. This is important to prevent mechanical stress of the RESPA and air connections. When plumbing with flex hose, protect the flex hose from potential wear points and inspect hose frequently for damage or wear.

**If the HVAC has a recirculation setting it should be disabled or modified to NOT restrict the fresh/make-up air.**

**NOTE:** Fresh/make-up air is required to pressurize the cabin and dilute CO<sub>2</sub> levels.

**Care should be taken to prevent high-pressure water or air from entering the RESPA CF2 ejection ports when cleaning the machine.**

# Installation Guidelines

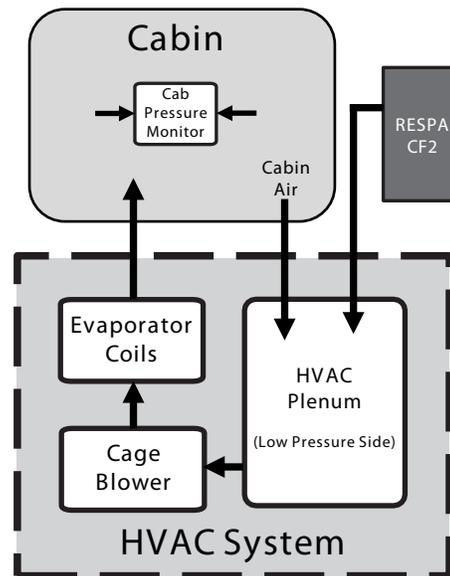
**NOTE: If you are also installing a Monitor, install it first.**

## RESPA CF2/CFX2 Mounting:

1. The machine should be off.
2. Consider the routing and destination of the plumbing when determining the mounting location for the RESPA unit. (See Plumbing Section)
3. The RESPA unit can be mounted in a variety of locations and orientations.  
**See Important Mounting Considerations, page 4.**
4. A universal mounting plate is available through Sy-Klone (**part number: REC0157**) that can be bolted or welded in place. If welding:
  - a. The plate can be tacked in place with unit mounted.  
**Note:** Take care not to heat the unit.
  - b. Remove the unit prior to final weld.
  - c. Allow mounting plate to cool before reassembly.
5. Do not mount the unit such that it will greatly reduce operator visibility.
6. Avoid mounting the unit in high heat areas.
7. Consider vehicle clearances when mounting the RESPA unit.
8. The standard length unit has 4 mounting holes. The extended length unit has 6 mounting holes. The mounts will accommodate up to ½-inch (up to 12mm) mounting hardware.  
**Note:** Torque 23.6 to 26.6 ft-lbs (32 to 36 Nm).

## Plumbing the RESPA CF2 (Fresh/Make-Up Air Plumbing):

1. The machine should be off.
2. The factory fresh/make-up air and recirculation filters should be removed to allow access to the HVAC system.
  - a. Refer to the manufacturer's removal directions.
  - b. The fresh/make-up air filter will not be necessary after installation of the RESPA CF2. **Note:** Not all HVAC systems use a fresh/make-up air filter.
3. Clean the factory HVAC system and cab following the manufacturer's approved methods before and after installing the RESPA system.
4. Routing the clean filtered air provided by the RESPA system:
  - a. If available, plumb the clean filtered air into the fresh/make-up air cavity.
  - b. If the HVAC system does not include a fresh/makeup air cavity, plumb the clean filtered air into the HVAC plenum between the recirculation filter cavity and the evaporator coils/cage blower. **Note:** In an HVAC system the position of the cage blower and evaporator coils can be reversed.
  - c. It is not recommended to plumb the cleaned filtered air directly into the cab.
5. A RESPA installation kit is available and provides a universal flange adapter that can be used to create a port into the HVAC system. **Universal adaptation kit, part number: GK015**
6. If using the universal flange adapter, the port hole should be slightly larger than the adapter's tubing. **Note:** Using a hole saw at low RPM is ideal for large holes.
7. When plumbing into a HVAC system ensure that the system and adaptation is sealed. **Note:** All fresh/makeup air must be drawn through the RESPA unit.



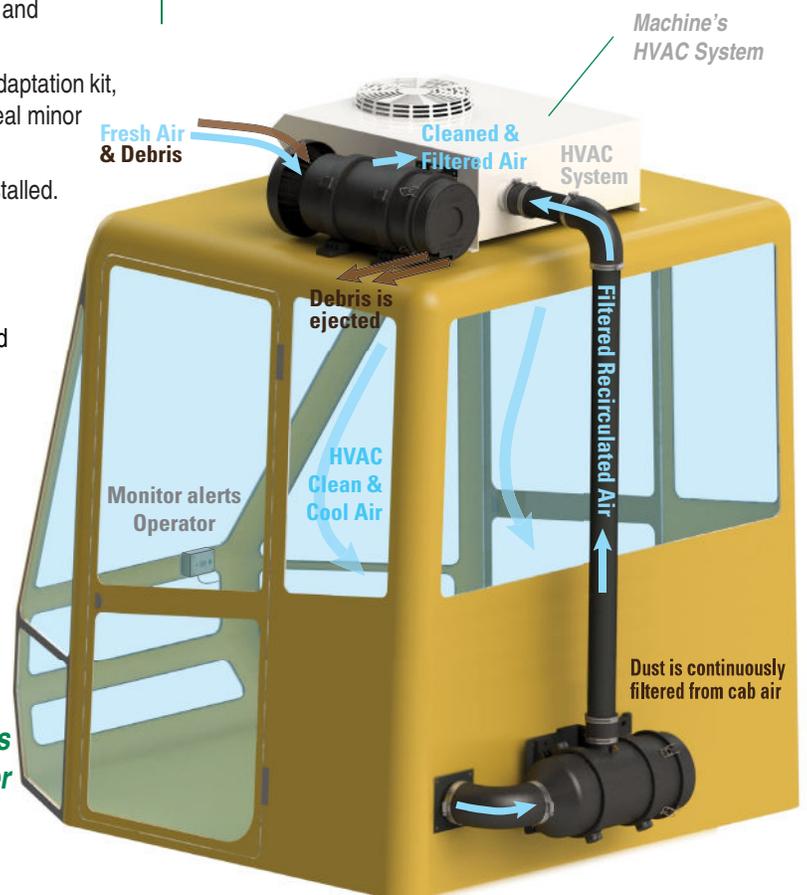
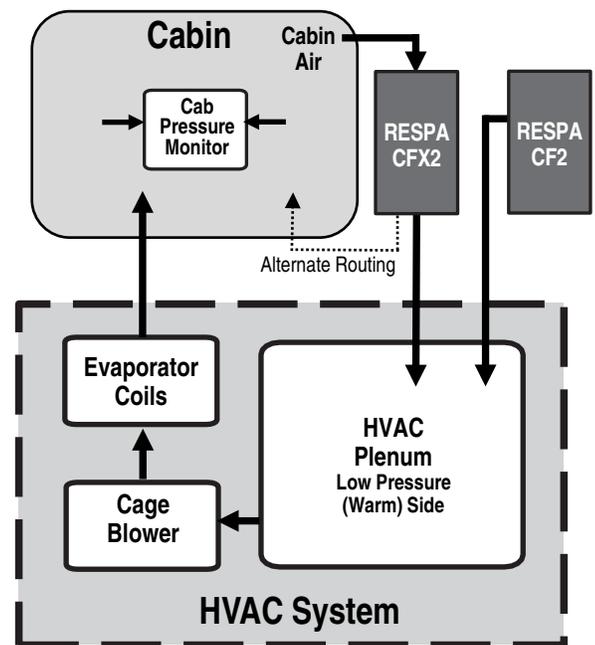
8. The 100% RTV Silicon sealant provided with the RESPA installation kit, or an equivalent sealant, can be used to create gaskets or seal minor leaks.
9. A new recirculation filter should be installed.
10. Routing the hose or tubing (**see Important Mounting Considerations, page 4**):
  - a. 3" or 4" plumbing should be used. Hard tubing is suggested to reduce restriction. **Note:** Additional restriction can reduce the amount of airflow the RESPA will provide.
  - b. Each bend in the routing adds restriction. **Note:** Additional restriction can reduce the amount of airflow the RESPA will provide.
  - c. Avoid high heat areas, routing across walkways, tight bends, and reducing operator visibility.
  - d. Secure plumbing as routed.

**A successful installation is achieved when cab pressurization remains at or above 0.2" H<sub>2</sub>O (49 pascal) of pressure when the HVAC fan is running on high speed. Optimal pressurization varies with installation.**

# Installation Guidelines, continued

## Plumbing the RESPA CFX2 (Recirculated Air Plumbing):

1. The machine should be off.
2. The factory fresh/make-up air and recirculation filters should be removed to allow access to the HVAC system. **Note:** Refer to the manufacturer's removal directions.
3. Clean the factory HVAC system and cab following the manufacturer's approved methods before installing the RESPA system.
4. The cabin air outlet to the RESPA CFX2 unit should be mounted at the lowest point possible.
5. Routing the clean filtered air provided by the RESPA CFX2 unit:
  - a. If possible, plumb the clean filtered air into the HVAC plenum.
  - b. If not, plumb the clean filtered air into the cabin the highest point possible.
6. A RESPA installation kit is available and provides a universal flange adapter that can be used to create a port into the HVAC system. Additional universal flange adapters are available. **Note:** Use the flange adapter to locate the correct port location. **Universal adaptation kit, part number: GK015**
7. If using the universal flange adapter, the port hole should be slightly larger than the flange adapter tubing. **Note:** Using a hole saw at low RPM is ideal for large holes.
8. When plumbing into a HVAC system ensure that the system and adaptation is sealed.
9. The 100% RTV Silicon sealant provided with the universal adaptation kit, or an equivalent sealant, can be used to create gaskets or seal minor leaks.
10. A new recirculation and fresh/make-up air filter should be installed. **Note:** The factory installed fresh/make-up air filter is not necessary if installing the RESPA CF2.
11. Routing the hose or tubing:
  - a. 3" or 4" plumbing should be used. Hard tubing is suggested to reduce restriction. **Note:** Additional restriction can reduce the amount of airflow the RESPA will provide.
  - b. Each bend in the routing adds restriction. **Note:** Additional restriction can reduce the amount of airflow the RESPA will provide.
  - a. Avoid high heat areas, routing across walkways, tight bends, and reducing operator visibility.
  - b. Secure plumbing as routed.



**How the three components work together**

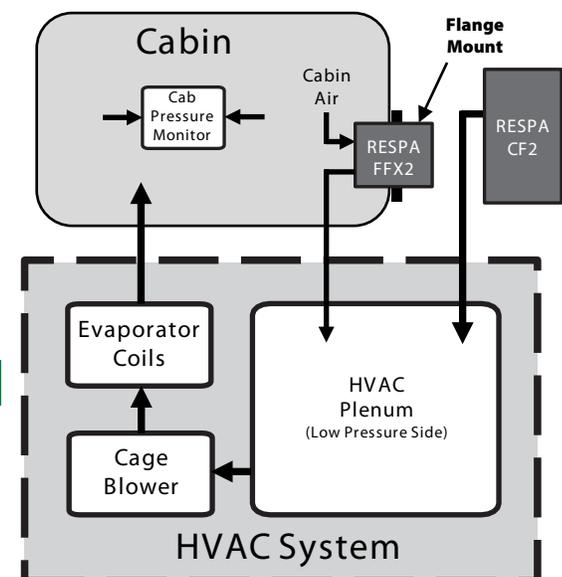
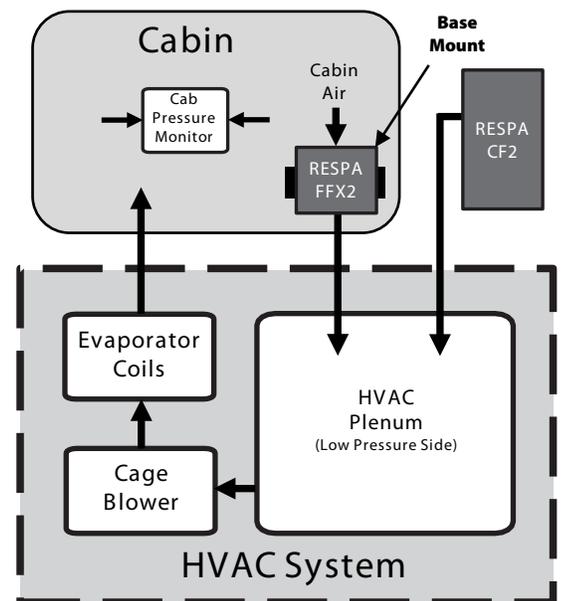
# Installation Guidelines, continued

## RESPA FFX2 Mounting:

1. The machine should be off.
2. Consider the routing and destination of the plumbing when determining the mounting location for the RESPA unit. (**See Plumbing Section, below.**)
3. The RESPA unit can be mounted in a variety of locations and orientations. (**See Important Mounting Considerations, page 4.**)
4. Mount the RESPA FFX2 unit so the louvered inlet is at the lowest point possible inside the cabin.
5. The air will enter the RESPA FFX2 through the louvers and exit the outlet port. **Note:** Louvers can be located on the outlet side by removing the inlet cover, by installing a louvered filter, or at both ends when mounting inside the cabin. (See Filter & RESPA FFX2 Service Parts)
6. Use the flange mount, a closed filter, and remove the inlet cover to install RESPA unit in an exterior wall.
7. Do not mount the unit such that it will greatly reduce operator visibility.
8. Consider interior compartments and seat movement and be sure to allow adequate clearance for filter removal and replacement.
9. Avoid mounting the unit in high heat areas.
10. The base mount unit has 2 mounting holes. The flange mount unit has 6 mounting holes. The mounts will accommodate up to ½-inch (up to 12mm) mounting hardware. **Note:** Base mount torque 22.1 to 25.8 ft-lbs (30 to 35 Nm). Flange mount torque 18.4 to 22.1 ft-lbs (25 to 30 Nm).

## Plumbing the RESPA FFX2 (Recirculated Air Plumbing):

1. The machine should be off.
2. The factory fresh/make-up air and recirculation filters should be removed to allow access to the HVAC system.
  - a. Refer to the manufacturer's removal directions.
  - b. The recirculation air filter will not be necessary after installation of the RESPA FFX2.
3. Clean the factory HVAC system and cab following the manufacturer's approved methods before installing the RESPA system.
4. Plumb the clean filtered air into the recirculation air cavity.
5. A RESPA installation kit is available and provides a universal flange adapter that can be used to create a port into the HVAC system. **Note:** Use the flange adapter to locate the correct port location. **RESPA Installation kit, part number: GK009**
6. If using the universal flange adapter, the port hole should be slightly larger than the adapter's tubing. **Note:** Using a hole saw at low RPM is ideal for large holes.
7. When plumbing into a HVAC system ensure that the system and adaptation is sealed. **Note:** All recirculation air must be drawn through the RESPA unit.
8. The 100% RTV Silicon sealant (provided with the RESPA installation kit) or an equivalent sealant can be used to create gaskets or to seal minor leaks.
9. A fresh/make-up air filter should be installed. **Note:** The factory installed fresh or make-up air filter is not necessary if installing the RESPA CF2.
10. Routing the hose or tubing:
  - a. 3" or 4" plumbing should be used. Hard tubing is suggested to reduce restriction. **Note:** Additional restriction can reduce the amount of airflow the RESPA will provide.
  - b. Each bend in the routing adds restriction. **Note:** Additional restriction can reduce the amount of airflow the RESPA will provide.
    - a. Avoid tight bends and reducing operator visibility.
    - b. Secure plumbing as routed.



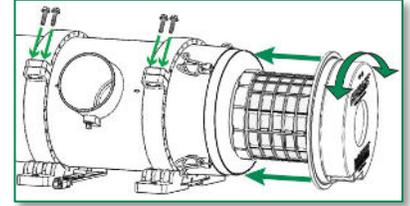
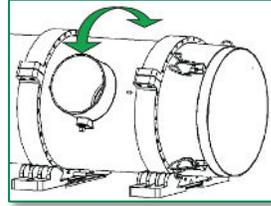
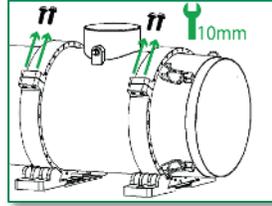
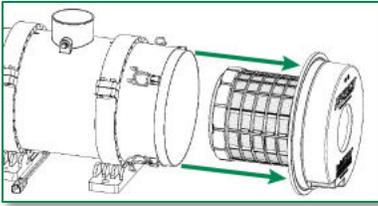
## Placing the RESPA PFX (Recirculated Air):

The RESPA PFX is a standalone unit that does not require plumbing. The base-mount version should be placed as low as possible in the cab, such as on the floor, with outflow air directed towards operator. For flanged version, use a closed (not louvered) filter to install in exterior wall, which allows the filter to be changed from outside the cab.

# Installation Guidelines, continued

## RESPA CF2/CFX2 Outlet Orientation:

1. Release the filter latches, see filter removal page 10, and remove the filter.
2. Loosen or remove two 10mm bolts from one side of each body clamp.
3. Rotate outlet every 10 degrees. **Note:** Align arrow with body clamp alignment marks.
4. Reinstall and tighten body clamp bolts to 17.7 to 35.4 in.lbs (2 to 4 Nm).
5. Reinstall filter.

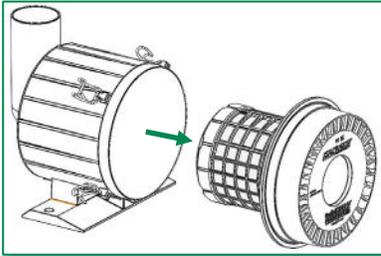


The outlet can be rotated every 10 degrees, as identified with location marks on body clamps.

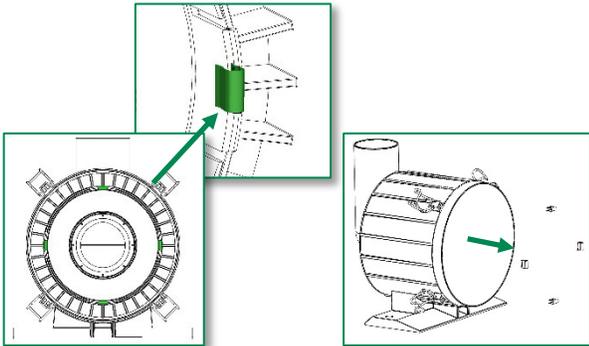
## RESPA FFX2 Outlet Orientation:

The outlet can be rotated every 10 degrees as identified with location marks on filter housing.

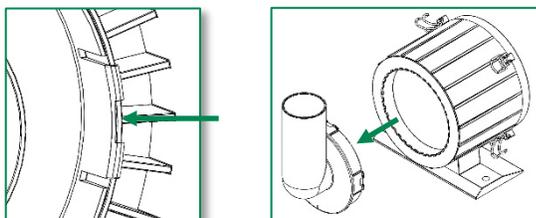
1. Release the filter latches, see filter removal page 10, and remove the filter.



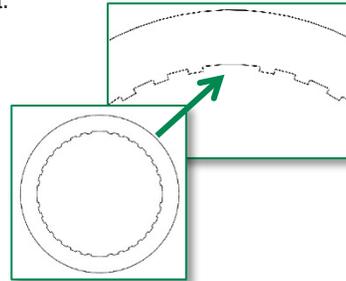
2. Remove outlet tab clips if installed, 4 places. **Note:** Use a flathead screwdriver to spread and pry clips from the outlet tabs.



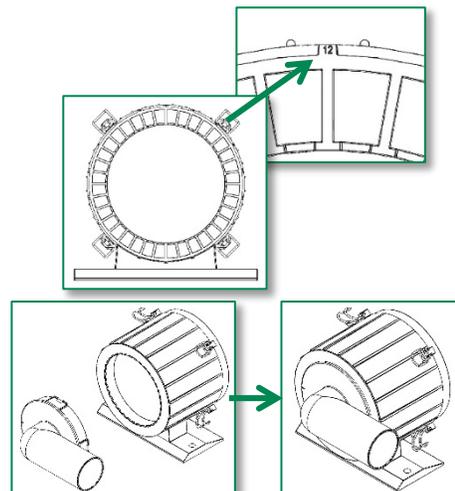
3. Remove the filter housing outlet by releasing the outlet mounting tabs from the filter housing, 4 places, and pulling the outlet away from the housing. **Note:** Use a flathead screwdriver to pry outlet mounting tabs away from the filter housing. The inlet cover is optional and may not be present.



4. The inlet cover notches interlock with filter housing notches. **Note:** The inlet cover has open notch positions to allow for outlet alignment.



5. Reinstall the filter housing outlet. Align outlet port every 10 degrees. Press the outlet into the filter housing until the mounting tabs lock in place. **Note:** Align arrow with filter housing alignment marks. The outlet has alignment notches that interlock with filter housing notches, the inlet cover must be aligned and installed accordingly.



6. If previously removed, reinstall outlet tab clips.
7. Reinstall filter.

# Installation Guidelines, continued

## Restriction Gauge Port:

The RESPA CF2/CFX2 outlet has a 1/8 NPT port that can be used for restriction gauge installation. The gauge port must be plugged when not in use.

## Wiring the RESPA CF2 / CFX2 / PFX:

1. The machine should be off.
  2. Finding proper power is critical for system performance.
    - a. The unit must receive power when the ignition key is in the on position.
    - b. The power must terminate when the ignition key is in the off position.
    - c. Do not wire the unit to a variable voltage source.
    - d. An appropriate relay can be used to provide suitable power from a non-terminating constant source.
    - e. A master system relay or ignition switch can be a good source of constant power when the ignition key is in the on position.
    - f. The source power must provide sufficient current.
  3. The RESPA CF2 / CFX2 / PFX\* unit must be fused inline.  
Use a 15-amp blade fuse for 12-volt units.  
Use a 7.5-amp blade fuse for 24-volt units.
  4. Ensure the input voltage correlates to the 12V or 24V unit being installed.
    - a. Use 16 GA or larger wire for the system.
    - a. Black wire = neutral (negative) and red/orange wire = (positive)
    - b. Incorrect electrical connection will reverse motor polarity and the RESPA unit will not function correctly.
  8. Finding a good ground is also critical to performance. Use an existing grounding point if possible. If not, grind a small area to bare metal and use a self-tapping screw to ground the system.
  9. Route the wiring, avoiding high heat areas, routing across walkways, and reducing operator visibility.
  10. Use wire loom and grommets as necessary to protect wiring.
  11. Secure wiring as needed.
- \* To reduce noise level of the RESPA PFX , you can install an inline step-down unit, which can plug into the PFX and then to power.  
PFX0901 - From 12V to 6V Converter  
PFX0902 - From 24V to 12V Converter  
Be sure to use the version that converts **FROM** the voltage of your RESPA PFX*

## Inspecting the RESPA CF2 / CFX2 / PFX Installation:

1. Turn the master power switch ON to inspect the system.  
**Note:** If the system powers on while the ignition key is off, an alternate power source must be located.
2. Turn the ignition key to the ON position and inspect the following:
  - a. System is running. If not, an alternate power source must be located.
  - b. **RESPA CF2:** Airflow out of the ejection ports is strong. If not, check proper wiring polarity or that the power source is not variable voltage.
  - c. **RESPA CFX2:** From inside the cabin, make sure there is a strong airflow exiting to the RESPA CFX2 system, and that the airflow from the HVAC vents is strong.
  - d. **RESPA PFX:** From inside the cabin, make sure there is a strong airflow entering the RESPA PFX louvers, and the airflow from the RESPA PFX is strong.
3. With HVAC system to OFF and RESPA CF2 operating, cabin pressure should be greater than 0.00 inches of water column (0 pascal).
  4. Increase HVAC system fan speed. Cabin pressure should increase as fan speed increases.
  5. If cabin pressure never reaches 0.20 inches of water column (49 pascal), check for leaks, improve sealing of cabin, and test again.  
**Note:** Ideal pressure, with new filters and a sealed cab, is 0.50 inches of water column (125 pascal).

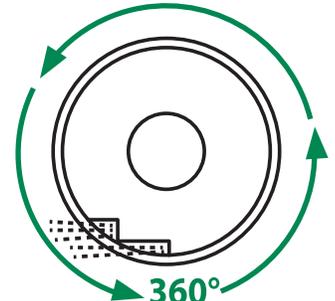
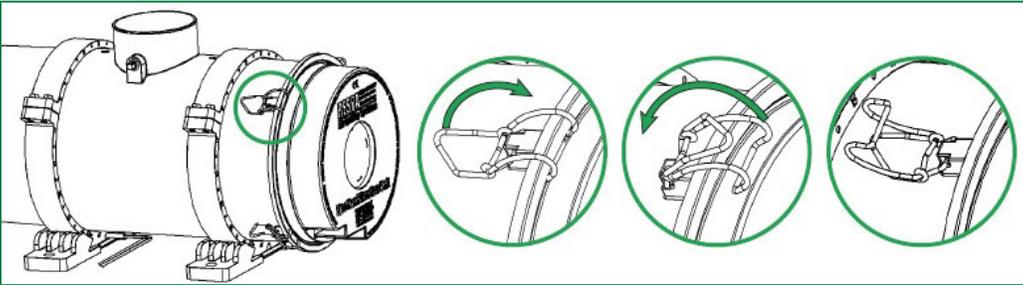
### Use a Sy-Klone Cab Monitor to verify RESPA CF2 installation.

**Note:** Initial pressure readings should be taken with new fresh/make-up and recirculation filters.

# Filter Change

## Filter Removal/Reinstallation:

1. The machine should be off.
2. Release the 4 filter latches that retain the filter element, as shown below, noting the orientation of the ejection ports if present.
3. Remove filter element.
4. Install new filter element end cap seats properly on the filter housing.  
**Note:** When present, ensure the ejection port orientation is correct.
5. Restrain the filter element by reattaching the 4 filter latches.



Ejection port orientation

## When To Replace the Filter:

### Sy-Klone recommends the use of a Pressure Monitor System with all installations.

- Replace filter when the cab pressure drops below the minimum pressure threshold when cab is sealed. (Refer to monitor installation manual)
- Change the RESPA filter element every 1000 hours of operation time, even if the pressure monitor does not alert and there are no noticeable performance changes.

1. Work in a clean covered area to reduce intake exposure to harmful particles.
2. Wear appropriate personal protection equipment such as gloves, mask, and coverall to protect against contaminants.
3. The machine should be off.
4. Inspect the RESPA unit(s) for any damage.
5. Release the 4 filter latches that retain the filter element. **Note:** Note the orientation of the ejection ports when present.
6. Remove the RESPA filter element.
7. Bag and seal used filter element and dispose of according to local regulation.
8. Inspect and remove any loose debris using a clean rag – never use compressed air.
9. Before installing the new filter, inspect the RESPA unit(s) for proper operation.
  - a. Turn the machine on staying clear of the open end of filter housing.
  - b. Ensure that air is blowing out of the empty filter housing cavity.
  - c. Turn machine off.
10. Install new filter element end cap seats properly on the filter housing.  
**Note:** When present, ensure the ejection port orientation is correct.
11. Restrain the filter element by reattaching the 4 filter latches.

### Replace filter only! Do not clean or re-use filters.

Re-using filters can create health hazards.

Replace with genuine SY-KLONE filters only.

Order from your dealer or from Sy-Klone.

### WARNING:

When cleaning equipment, care should be taken to prevent high-pressure water or high-pressure air from entering the RESPA CF2 ejection slots.

When replacing the ejective filter, do not point ejection port at a solid surface in close proximity to the port.

# RESPA Service Parts

Order only genuine Sy-Klone filters and parts from your dealer or contact Sy-Klone.

## Filter Service Parts:

Part No.	Description	Part No.	Description
FEFF208	RadialSHIELD: MERV 16/F9 Ejective Filter for RESPA CF2 - Standard Length	FEFF222	RadialSHIELD: HEPA Louvered Filter for RESPA FFX2 /PFX - Standard Length
FEFF209	RadialSHIELD: MERV 16/F9 Ejective Filter for RESPA CF2 - Extended Length	FEFF240	RadialSHIELD: EPA Ejective Filter for RESPA CF2 – Standard Length
FEFF210	RadialSHIELD: HEPA Closed Filter for RESPA CFX2/FFX2 - Standard Length	FEFF241	RadialSHIELD: EPA Ejective Filter for RESPA CF2 – Extended Length
FEFF211	RadialSHIELD: MERV 16/F9 Closed Filter for RESPA CFX2/FFX2 - Standard Length	FEFF242	RadialSHIELD: EPA Louvered Filter for RESPA FFX2 / PFX2 - Standard Length
FEFF212	RadialSHIELD: MERV 16 Closed Filter for RESPA CFX2 - Extended Length	FEFF243	RadialSHIELD: EPA Closed Filter for RESPA CFX2 / FFX2 / PFX2 - Standard Length
FEFF213	RadialSHIELD: HEPA Closed Filter for RESPA CFX2 - Extended Length	FEFF244	RadialSHIELD: EPA Closed Filter for RESPA CFX2 - Extended Length
FEFF218	RadialSHIELD: HEPA Ejective Filter for RESPA CF2 - Standard Length	GF130	RadialSHIELD: Gas+HEPA ABEK1 P3 Ejective Filter for RESPA CF2 - Extended Length
FEFF219	RadialSHIELD: HEPA Ejective Filter for RESPA CF2 - Extended Length	GF132	RadialSHIELD: Ammonia+HEPA Ejective Filter for RESPA CF2 - Extended Length
FEFF220	RadialSHIELD: MERV 16 Louvered Filter for RESPA FFX2 - Standard Length	OF131	RadialSHIELD: Odor+HEPA Ejective Filter for RESPA CF2 - Standard Length

## RESPA FFX2 / PFX Service Parts:

Part No.	Description	Part No.	Description
FFX2951	RESPA FFX2 Service Part - 3-inch Straight Outlet	FFX2957	RESPA FFX2 / PFX Service Part - Base Mount Body Housing
FFX2952	RESPA FFX2 Service Part - 4-inch Straight Outlet	PFX0903	RESPA PFX 12 Volt Motor Assembly
FFX2953	RESPA FFX2 Service Part - 3-inch 90-degree Elbow Outlet	PFX0904	RESPA PFX 24 Volt Motor Assembly
FFX2954	RESPA FFX2 Service Part - 4-inch 90-degree Elbow Outlet	PFX0901	RESPA PFX Voltage Step-Down Converter - From 12V to 6V*
FFX2955	RESPA FFX2 Service Part - Inlet Cover	PFX0902	RESPA PFX Voltage Step-Down Converter - From 24V to 12V*
FFX2956	RESPA FFX2 / PFX Service Part - Flanged Body Housing	* Be sure to use the version that converts FROM the voltage of your PFX system.	

## RESPA CF2/CFX2 Service Parts:

Part No.	Description	Part No.	Description
RCF2901	RESPA CF2 Service Part - Rain cap	RCF2915	RESPA CF2/CFX2 Service Part - 12/24V Wiring Kit
RCF2904	RESPA CF2 Service Part: 12V Replacement Brushless Motor Kit with Inlet Screen	RCF2918	RESPA CF2 Service Part - 12 Volt Brushed Compact Motor Kit
RCF2905	RESPA CF2 Service Part: 24V Replacement Brushless Motor Kit with Inlet Screen	RCF2919	RESPA CF2 Service Part - 24 Volt Brushed Compact Motor Kit
RCF2908	RESPA CF2/CFX2 Service Part - Body Clamp Assembly	RCF2920	RESPA CF2 Service Part - Compact Motor Rain Cap
RCF2909	RESPA CF2/CFX2 Service Part - Filter Ring	RCF2921	RESPA CF2 - Heavy Debris Screen
RCF2910	RESPA CF2/CFX2 Service Part - Extended Filter Ring	RCF2922	RESPA CF2/CFX2 Service Part - 4-inch Ducted Inlet
RCF2911	RESPA CF2 Service Part - Inlet Screen for Standard and Brushless Motor	RCF2923	RESPA CF2 - Heavy Debris Screen for Compact Motor
RCF2912	RESPA CF2/CFX2 Service Part - Outlet Housing 4-inch	RCF2924	RESPA CF2 - Compact Motor Bracket
RCF2913	RESPA CF2/CFX2 Service Part - Outlet Housing 3-inch	REC0157	RESPA CF2/CFX2 Mounting Plate

## Technical Support:

**Contact your dealer for genuine Sy-Klone filters, parts and technical support, or contact support at Sy-Klone:**

Your dealer:

Dealer name: _____
Phone: _____
Email: _____
Website: _____



**Sy-Klone International**  
email: [support@sy-klone.com](mailto:support@sy-klone.com)  
Tel: +1 (904) 448-6563  
[www.sy-klone.com](http://www.sy-klone.com)