



DIVERSITECH
Air Pollution Solutions

Operation & Maintenance Manual

FRED ECO



READ AND SAVE THESE INSTRUCTIONS

Visit our Website for more information on this product

www.diversitech.ca

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SECTION 1 - SAFETY PRECAUTIONS OF FUME & DUST EXTRACTION/COLLECTION



READ
BEFORE
USE

This manual contains specific cautionary statements related to worker safety. To protect yourself and others, read this manual thoroughly and follow as directed before use. Not all hazards of fume & dust control are listed in this manual, and no hazards related to welding, cutting, grinding, painting, deburring or other applications are listed. Consult a qualified safety professional.



DO
NOT
USE

Do not use this equipment:

- To extract smoked or fumes above 180°F/82°C.
- To extract combustibles dust, liquid vapors, or aggressive fumes such as acids.
- If the power cord has been damaged or ground (third prong) removed.
- Without a filter.

1.1 Symbols

This manual uses several symbols to highlight specific hazards. Be familiar with these symbols and when you see them in this manual, read adjoining warning text to avoid the hazard.



WARNING!
DANGER!



ELECTRIC
SHOCK



MOVING
PARTS



HOT
PARTS

1.2 Users Responsibility

- Improper use can be hazardous.
- All users must carefully read and understand this instruction manual prior to use
- No objects, such as tools, should be placed on the machine.
- When walking near the machine, during use, or performing maintenance, users should be cautious of hitting head on the capture arm and hood.
- Motor should not contact any objects, and all motor repairs should be performed while the power switch is off and the power source is disconnected. Operator should not touch motor during use.
- For maintenance of any and all components, power switch must be off and the power source disconnected
- It is your responsibility to follow all applicable ANSI, OSHA, UL, CSA, National & Local Fire Codes, and other regulatory guidelines covering the safe use of equipment that extracts fumes, collects dusts, and exhausts filtered air either indoors or outdoors.
- Before use, inspect the unit for damage and verify it is working properly.
- Only qualified persons should install, operate, maintain, or repair this unit.
- Do not modify or repair the unit with parts or accessories not supplied by the manufacturer.
- Consult filter manufacturer's instructions for filter use and reuse, including instructions for cleaning.

1.3 Fume Extraction Hazards

- Breathing smoke, fumes, or dusts produced in applications such as welding, cutting, grinding, painting, deburring are hazardous to user's health. Proper ventilation or use of well maintained fume extraction and/or dust collection equipment helps the user avoid these hazards.
- Breathable contaminants may not be visible or have an odor.
- Stop operation and leave the area immediately if 1) breathing becomes difficult, 2) experience dizziness, impaired vision, 4) or eye/nose/mouth irritation.

1.4 Dust Collection Hazards

- Dusts from many metalwork, welding, cutting, grinding, painting, or deburring applications can be combustible.
- Do not use or install equipment where any potential for combustible fumes or dusts are present, until a qualified person has indicated it is safe to do so.
- Never use or install equipment where the potential for combustible fumes or dusts are present without a fire/explosion protection system.
- If you are unsure if the product you purchased is correct for your application, call Diversitech at 1-800-361-3733.

1.5 Safety Stickers

- This machine is equipped with safety stickers to remind operators of the inherent dangers during use and maintenance.
- The stickers are only reminders, and all safety precautions contained in this manual must be well understood and adhered to by all users.
- See **APPENDIX 6: Sample Safety Stickers** for example of stickers applied to machine.

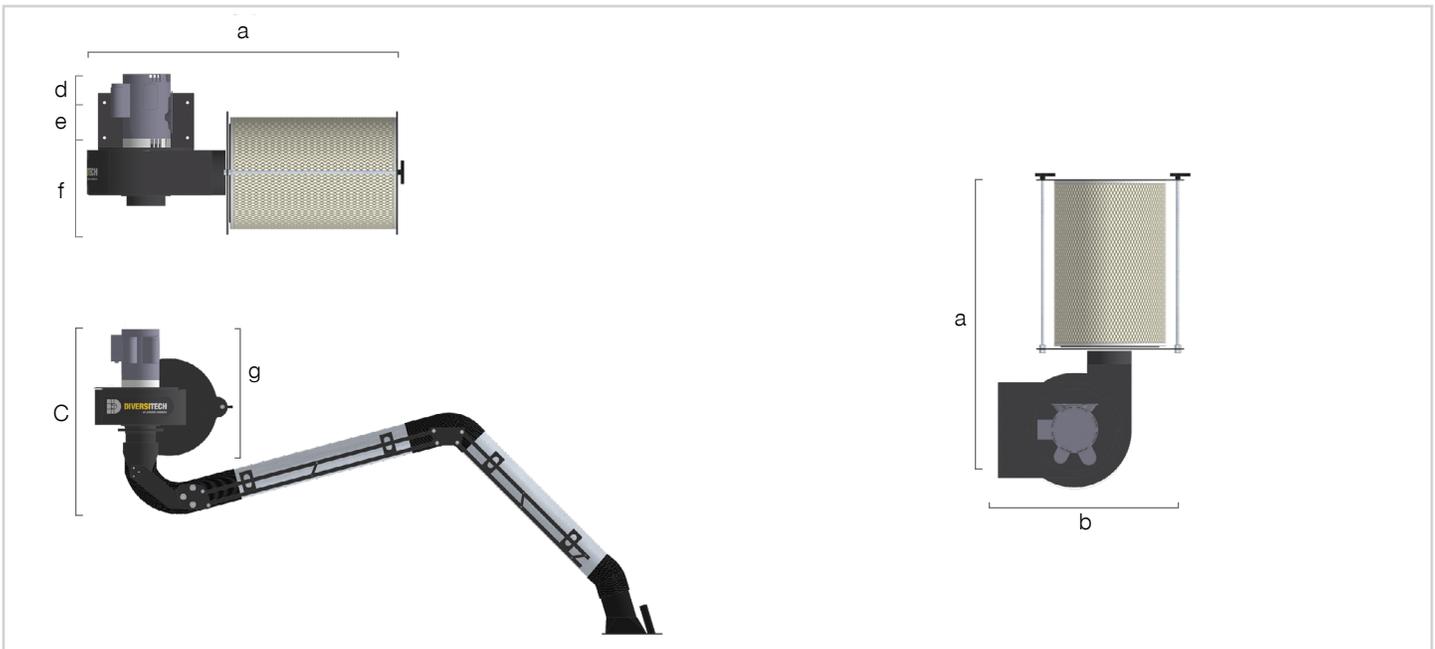
1.6 Sound Levels



- This machine can emit sound pressure levels in excess of 70dB(A).
- Appropriate ear protection is required when the machine is running.
- Sound levels are highest directly in front of the machine.
- The machine must be turned OFF when performing any maintenance on the machine.
- Extended exposure to sound pressure levels greater than 85dB(A) can cause permanent injury to the ears.
- Users should be conscious of the danger and refrain from placing the ear near the silencer outlet.

SECTION 2 - SPECIFICATIONS

2.1 Diagram & Description



2.2 Dimensions

Model	Arm Length (ft.)	Arm Diameter (in.)	Net Weight (lbs.)	Product Dimensions (in.)						
				Width [a]	Height [C]	Length [b]	[d]	[e]	[f]	[g]
FRED ECO single wall-mount arm										
FRED-ECO	10	6	160	25"+26 filter	35	27	4	5.5	11.5	21
	13	6	165	25"+26 filter	35	27	4	5.5	11.5	21

2.3 Product Specifications

Model	Motor (H.P.)	Power					Nominal Airflow (CFM)	Cord Length (ft.)	Arm Length (ft.)
		Phase (hz)	@120V (amps)	@230V (amps)	@460V (amps)	@575V (amps)			
FRED ECO single wall-mount arm									
FRED-ECO	1.5	1P/60Hz	13.2	---	---	---	1200	15	10/13
	3.0	3P/60Hz	---	7.1	3.7	3.2	1800	---	10/13

2.4 Filter Specifications

Description	Stage	Part #	Filter Area (sq. ft.)	Filter Efficiency	Reusable
Nanofiber Filter	Primary	S-ECO2-26NF	320	MERV 15	Yes
Spunbond Poly Filter	Primary	S-ECO2-26PT	169	MERV 11	Yes

For information on inspecting and cleaning filter, or purchasing replacement filters, contact Diversitech at 1-800-361-3733.

SECTION 3 - PRE-INSTALLATION

3.1 To Setup or Install Safely



- Do not place unit near flammables or combustible surface.
- Refer to **SECTION 2: Specifications**, to know the electrical requirements of the unit you are installing and ensure adequate input power that is properly sized, rated, and protected.
- This unit must be grounded for safe operation.

3.2 Un-Packaging

1. Immediately upon receiving the unit, carefully examine the carton for damage during transit.
2. Use lift forks or truck to move
3. Remove packing material.
4. Avoid tipping or inverting during handling.
5. The item serial number, model, and electrical ratings are listed on the nameplate. Record this information in the Maintenance Record provided in **APPENDIX 1: Maintenance Record**, or your own preventative maintenance system.

3.3 Tools Required

1. 7/16 Socket or Wrench
2. 9/16 Socket or Wrench
3. Torque Wrench

The tools above are required for unit assembly. Additional tools, not referenced in this document, will be required for mounting the blower to the attachment point. These tools will depend on material the unit is being attached to, and the anchor hardware selected.

3.4 Mounting Options

- Arm-To-Blower Direct Installation: Follow guidelines in **APPENDIX 2: Arm-to-Blower Direct Installation**.
- Arm-to-Remote Mounting Kit Installation: Follow guidelines in **APPENDIX 3: Arm-to-Wall with Remote Mounting Kit**

3.5 Electrical Options

- Single-Phase Unit: See **APPENDIX 1A: Electrical Diagram [110/220 VAC] Single-Phase Power** for wiring instructions. Have a certified electrician install unit according to local regulations.
- 3-Phase Unit: See **APPENDIX 1B: Electrical Diagram [230/460/575 VAC] 3-Phase Power** for wiring instructions. Have a certified electrician install unit according to local regulations.

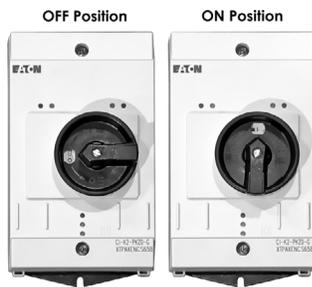
SECTION 4 - OPERATION

4.1 To Operate Safely



- Read and understand **SECTION 1: Safety Precautions** and **SECTION 4: Operation before use**
- Read and understand all Material Safety Data Sheets and Manufacturer's instructions of all process materials, consumables, and equipment used in conjunction with this equipment.
- Keep away from all mechanical moving parts including motor, gears, and other pinch points.
- Do not use product without first confirming if a Spark Arrestor is required and installed for the type of dust, or fumes you are extracting and/or collection. If you are unsure, call a Diversitech representative at 1-800-361-3733.

4.2 Controls



- The machine controls are basic, and consist solely of a power switch with ON and OFF positions.

4.3 Pre-Use Checklist

- Read and understand SECTION 1: Safety Precautions and ensure SECTION 3: Pre-Installation has been followed.
- Before plugging unit in to an input power source, look at the manufacturer's label located on the exterior of the unit and ensure the source is correctly sized in terms of Voltage and Amperes.
- Prior to use in your application, turn the unit ON, and perform a function test. To do so:
 1. Turn switch to ON position.
 2. LOOK: Is the unit level, stable, and that nothing is obstructing the extraction path.
 3. LISTEN: Does the motor and suction sound smooth and within expected volumes.
 4. FEEL: Place your hand on top of the unit and sense for unexpected vibration. Place your hand in front of the intake hood/surface and sense for expected level(s) of suction.
- Inform all potential users of this equipment where they may find and review this manual.

4.4 Principles of Operation

This product is designed to capture and clean smoke and dust from medium & heavy duty welding, soldering, and grinding applications. When operating, air is drawn in to the nozzle, passes through the 6" diameter hose, then through the air cleaner's filtration system, and is exhausted.

This product consists of four basic components:

1. Capture Arm(s)
 2. A blower
 3. Cartridge Filter
 4. Motor & Electrical assemblies
- The operator is to install the machine within operating distance.
 - The operator can then position the capture arm close enough to the worksite to capture all dust and fumes that will be produced.
 - Ensuring that all safety procedures have been followed, the operator can turn on the machine and begin working.
 - When not in use, the machine should be turned off.

4.5 Failure Event

If, for some reason, during operation there is an accident, a blockage occurs, or the machine begins to act abnormally, the operator should immediately shut off the machine. This is considered a machine failure and the following steps should be taken:

1. Turn the power switch to the OFF position.
3. Seek medical attention if an accident occurred.
4. Follow the guidelines in **SECTION 5: Maintenance and Troubleshooting**.

Remember, under no circumstance should the machine be turned back on while performing maintenance.

SECTION 5 - MAINTENANCE & TROUBLESHOOTING

5.1 To Maintain this Product Safely



- Read and understand **SECTION 1: Safety Precautions** and **SECTION 4: Operation** before maintenance.
- Do not breathe the dust collected from product while changing/cleaning filters or performing maintenance on this product.



- Disconnect power before performing any maintenance on unit, including filter inspection. The input power to this unit is high voltage, and touching any live electrical parts can cause fatal shocks or severe burns. Do not touch live electrical parts.



- Keep away from all mechanical moving parts including motor, gears, and other pinch points while operating.



- Operating this unit causes some parts to heat to a point that will burn bare hands. Before maintenance allow parts to cool, or use proper tools and personal protection equipment during maintenance.



- Suction machine must be turned off when performing any maintenance.
- Appropriate ear protection is required according to jurisdiction.

5.2 Tools Required



EYE
PROTECTION



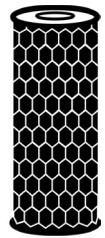
RESPIRATOR



GLOVES



WASTE
CONTAINER



REPLACEMENT
FILTER
(if required)

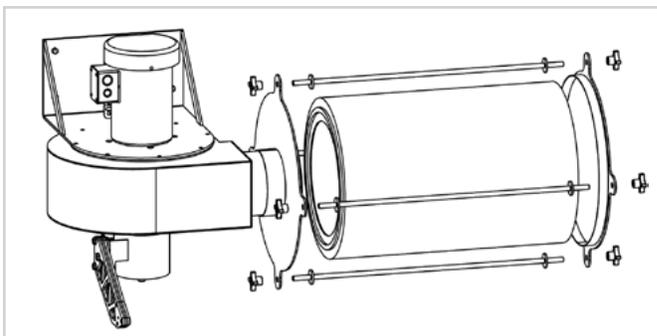
5.3 Routine Maintenance Schedule

The manufacturer recommends the following routine maintenance based on light-duty use in normal operating conditions. Service more frequently if the unit is used in severe conditions.

Frequency	Manual Reference
Pre-Use	
<ul style="list-style-type: none"> Perform pre-use inspection to ensure operating correctly. 	4.3
As Required	
1. Replace Filter	5.4
Every (12) months Inspect Basic Components	
1. Clean unreadable labels and exterior surfaces	
2. Capture Arm: Check for tears in flex hoses and fitting of hose clamps	
3. Cabinet: Look for loose wiring.	

5.4 Servicing Filter

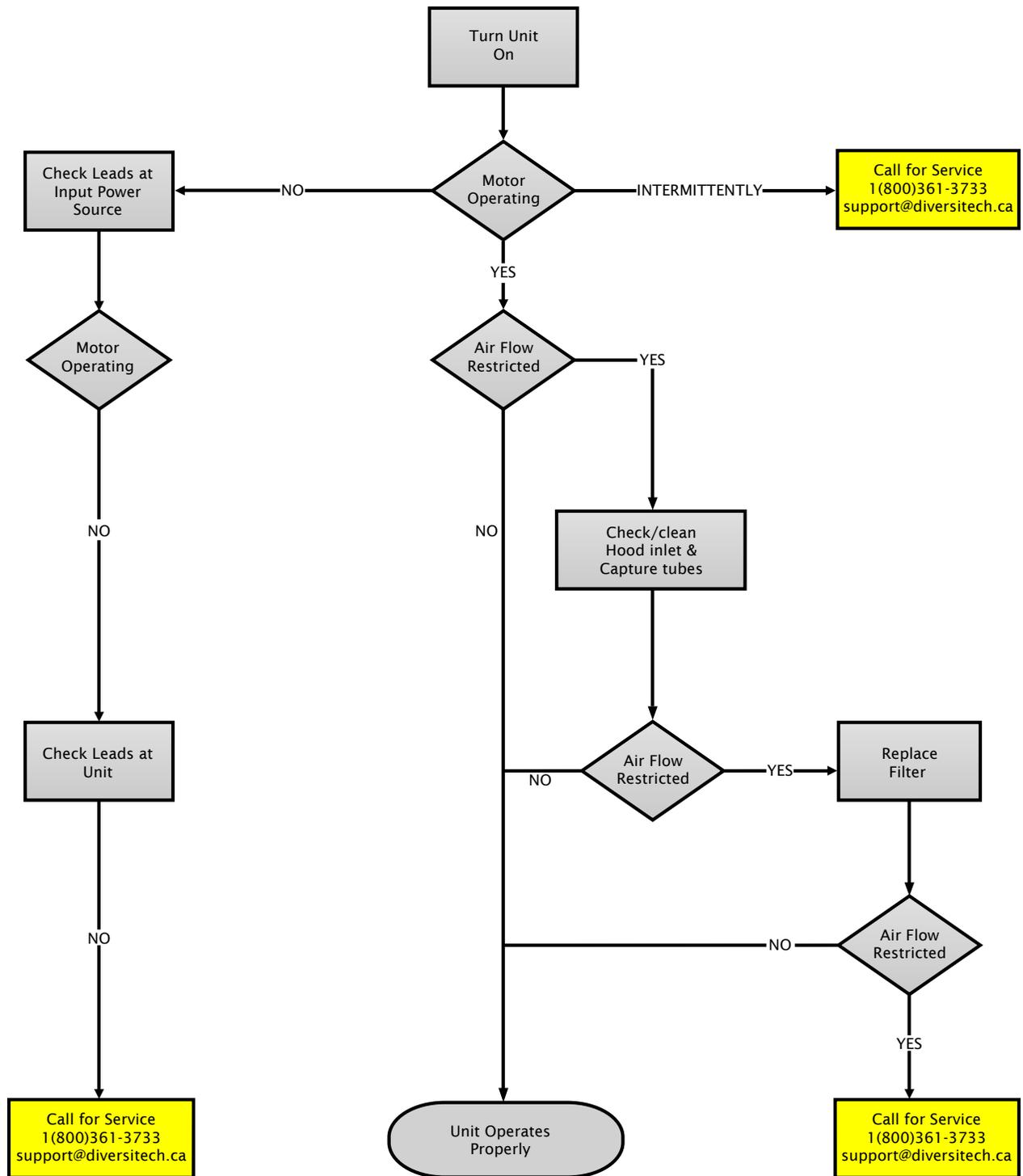
- Review Maintenance Safety in Section 5.1
- Turn off power and disconnect input power cord.
- All components should be supported to avoid falling damage or injury to operator.
- Support the filter bracket while unbolting the knobs from the connecting rods.
- Remove the filter bracket.
- Remove the connecting rods to ensure the filter is not damaged during removal.
- Remove filter gently so as to minimize agitating dirt and dust, and place it in a bag/container.
- Clean filter:
 - Use clean/dry air only at a pressure not more than 550 kPa at 30 cm from media.
 - Direct the compressed air through the filter from the clean side, running the nozzle up and down the filter pleats.
 - Do not bring the nozzle in contact with the filter media as damage is likely to occur.
- Inspect filter for any damage and replace if necessary.
- If necessary, clean filter brackets of dirt and debris.
- Reassemble:
 - Install the clean filter
 - Install the connecting rods, ensuring the filter is not damaged during installation.
 - Install the filter bracket.
 - Install the Knobs on the connecting rods with sufficient tightness.



Quantity	Hardware
1	Motor Blower Assembly
4	3/8" Threaded Rod, 91 cm Length
8	3/8" Threaded Knob
1	Filter Compression Plate Assembly
1	Filter Cartridge

- Place Filter in final location.
- Install the Connecting Rods, ensuring the Filter is not damaged during installation.
- Tighten left Knobs to hold Connecting Rods.
- Install Right Filter Bracket.
- Tighten right Knobs to Lock Filter.

5.5 Troubleshooting Procedure



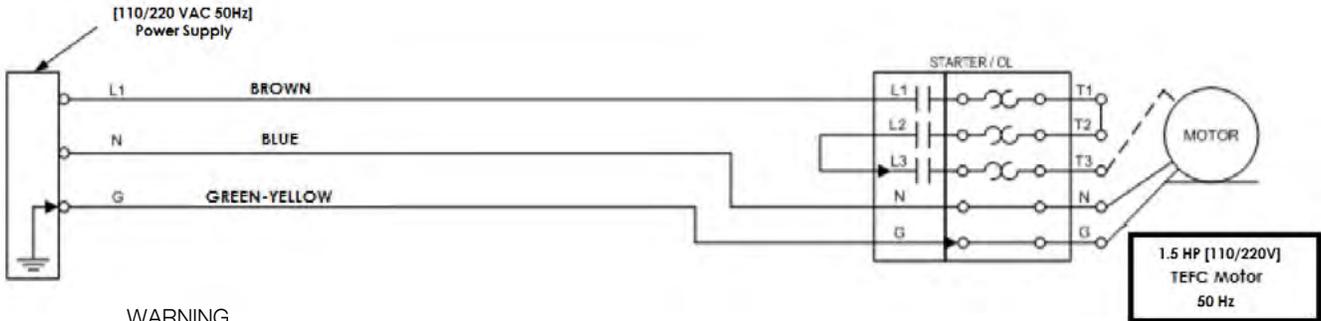
APPENDIX 1A - ELECTRICAL DIAGRAM MANUAL

[120 VAC] Single-Phase Power



**ELECTRIC
SHOCK
HAZARD**

Disconnect power before performing any maintenance on unit, including filter inspection. The input power to this unit is high voltage, and touching any live electrical parts can cause fatal shocks or severe burns. Do not touch live electrical parts.



WARNING
Do not route auxiliary contact cable in the same conduit as motor cable

NOTE
Specific transformer wiring may differ depending on voltage configuration.

Units in brackets [] refer to imperial system values

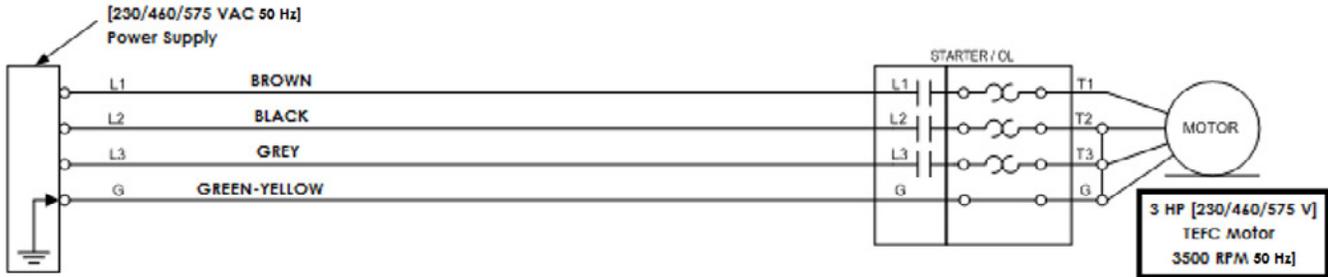
APPENDIX 1B - ELECTRICAL DIAGRAM MANUAL

[230/460/575V] 3-Phase Power



**ELECTRIC
SHOCK
HAZARD**

Disconnect power before performing any maintenance on unit, including filter inspection. The input power to this unit is high voltage, and touching any live electrical parts can cause fatal shocks or severe burns. Do not touch live electrical parts.



WARNING

Do not route auxiliary contact cable in the same conduit as motor cable

NOTE

Specific transformer wiring may differ depending on voltage configuration.

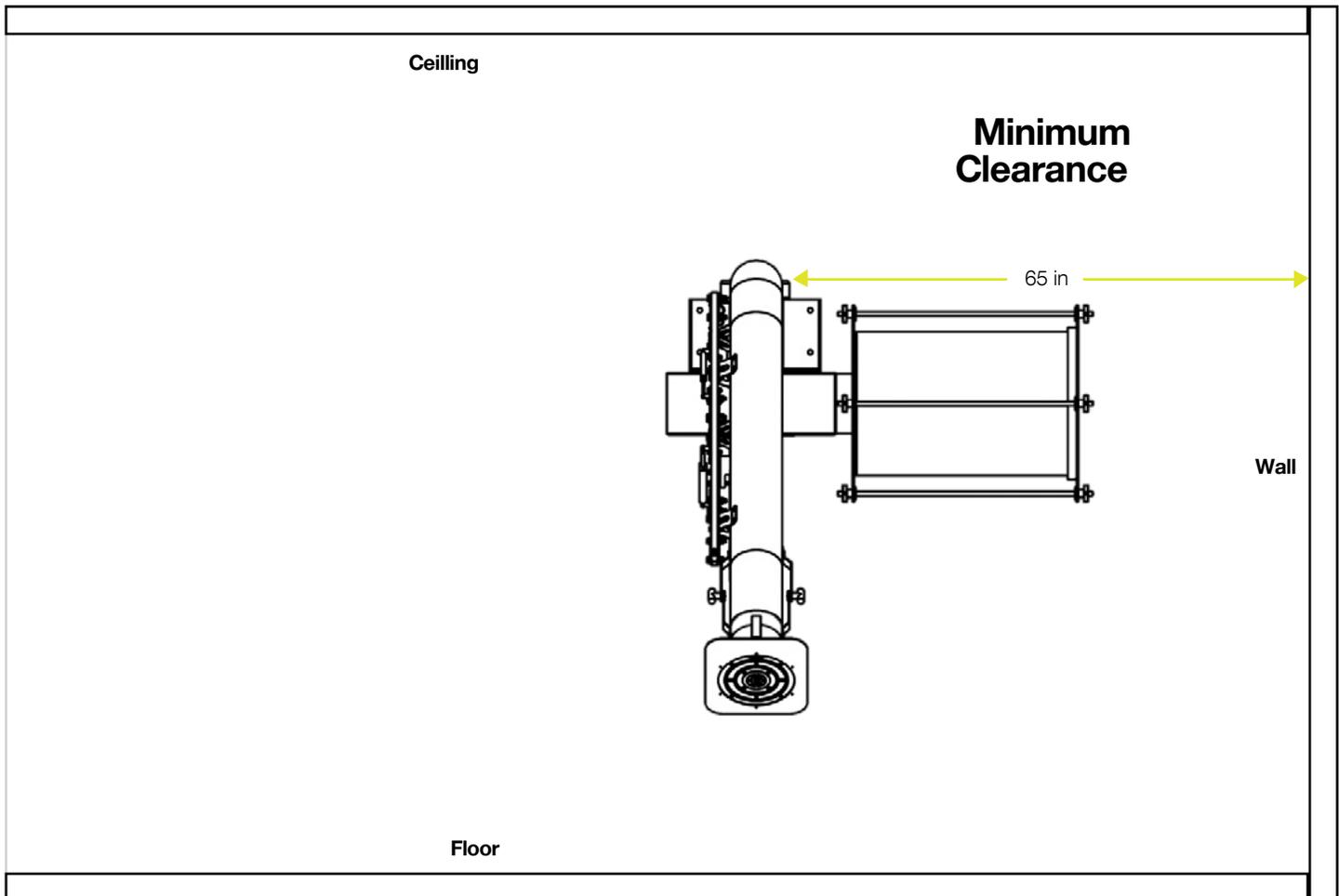
Units in brackets [] refer to imperial system values

APPENDIX 3 - ARM-TO-BLOWER DIRECT INSTALLATION

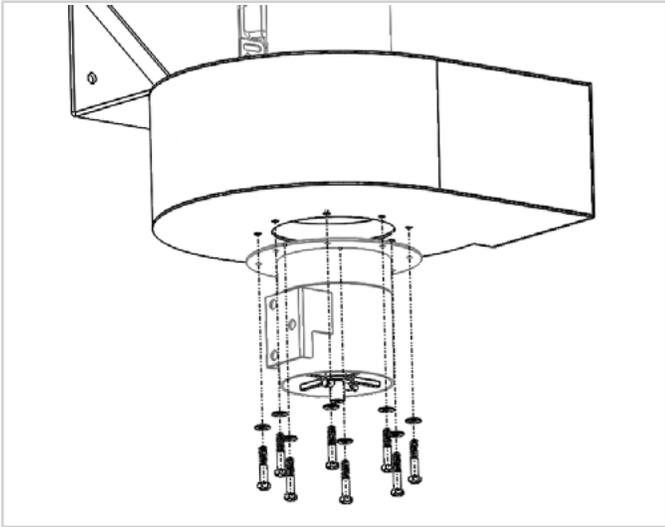
3.1 Selecting a Location

STEP 1. Selecting a Location.

- Read and understand **SECTION 1: Safety Precautions**.
- Mount sufficiently close to an appropriate power source as outlined in **Section 3.5: Electrical Options**
- Near the operator, and within the operating range of the unit.
- With an attachment point (column, platform, or wall) that will support the weight and force of the equipment.
- With sufficient minimum clearance to the right of the unit, as outlined below. Minimum clearances shown allow for easy filter servicing and maximum performance.
- Distance from floor is by user preference, but care should be taken to not mount as an overhead hazard to the operator.



3.2 Attach Swivel Base to Blower Assembly

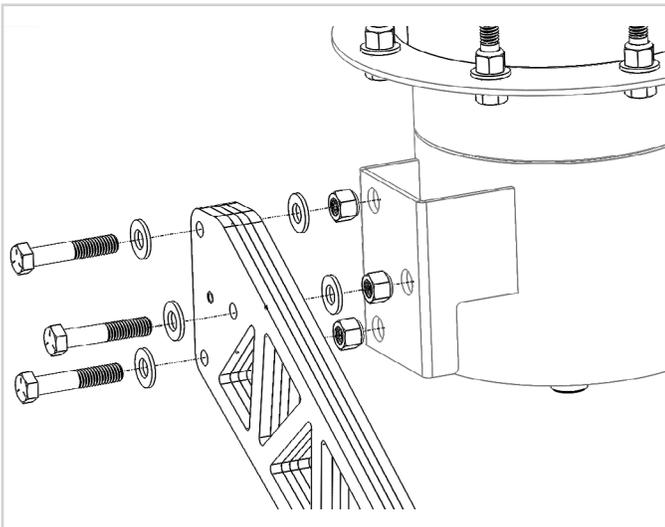


STEP 2. Attach capture arm to swivel base.

- Mount Swivel Base to Motor Blower Assembly.
- Tighten all Bolts (8) with Washers (8)
- Toque each bolt to 23 N m

Quantity	Hardware
1	Motor Blower Assembly
1	Swivel Base
8	1/4" Bolt, Socket Cap
8	1/4" Washer

3.3 Attach J-Bracket to Swivel Base

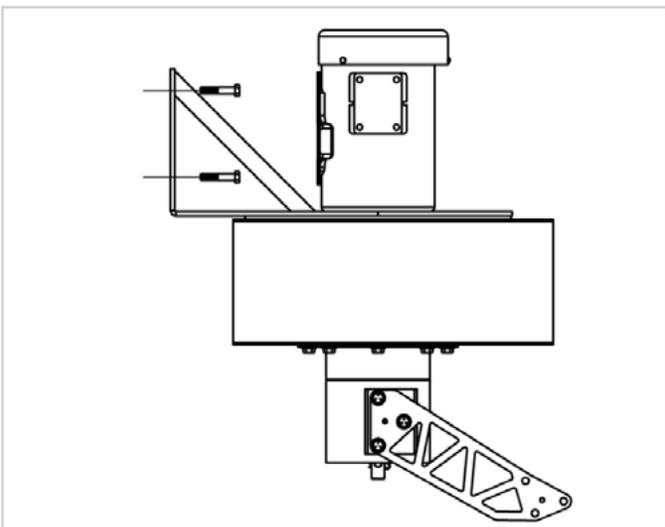


STEP 3. Attach J-Bracket to Arm Swivel.

- Mount J-Bracket to Swivel Base
- Tighten all Bolts (3) with Washers (6) and Nuts (3)
- Toque each bolt to 34 N m

Quantity	Hardware
1	Swivel Base
1	J-Bracket
3	1/4" Bolt, Socket Cap
6	1/4" Washer
3	1/4" Lock Nut, Socket Cap

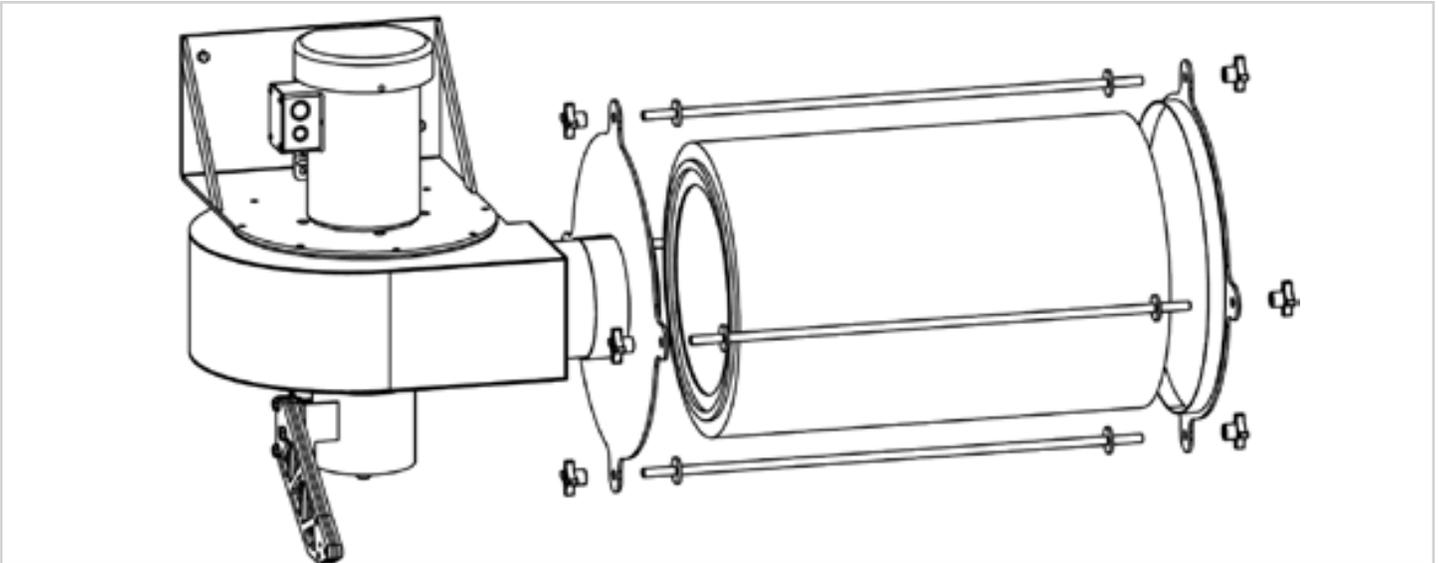
3.4 Mount Blower Assembly to Attachment Point



STEP 4. Blower to Attachment Point.

- Motor Blower Assembly (1)
- Attachment Point Anchors (Not Included)

3.5 Attach Filter to Blower Assembly

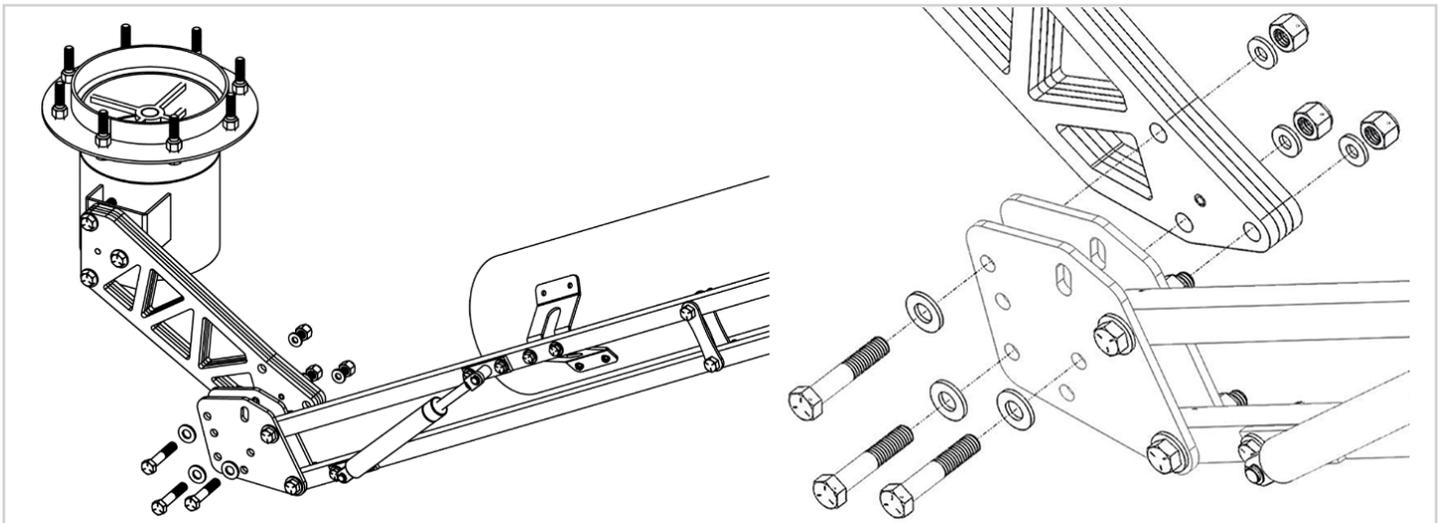


STEP 5. Attach Filter to Blower Assembly

- Place Filter in final location.
- Install the Connecting Rods, ensuring the Filter is not damaged during installation.
- Tighten left Knobs to hold Connecting Rods.
- Install Right Filter Bracket.
- Tighten right Knobs to Lock Filter.

Quantity	Hardware
1	Motor Blower Assembly
4	3/8" Threaded Rod, 91 cm Length
8	3/8" Threaded Knob
1	Filter Compression Plate Assembly
1	Filter Cartridge

3.6 Attach Capture Arm to Swivel Base (J-Bracket)

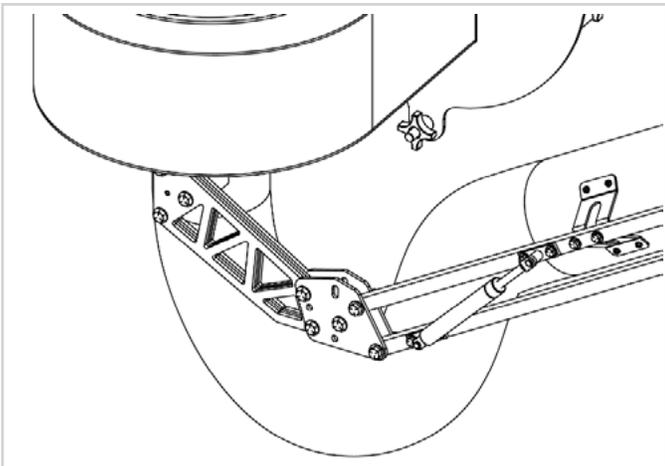


STEP 6. Attach Capture Arm to Swivel Base. (J-Bracket)

- Insert J-Bracket between Capture Arm Mounting Bracket.
- Thread Bolts (3) with Washers (3) through Mounting Bracket and J-Bracket.
- Thread Washers (3) and Locking Nuts (3) to Bolts (3)
- Tighten all Bolts (3) to Locking Nuts (3)
- Torque each bolt to 40 N m

Quantity	Hardware
1	Swivel Base with J-Bracket
1	Capture Arm Assembly
3	3/8" Bolt, Socket Cap
6	3/8" Washer
3	3/8" Lock Nut, Socket Cap

3.7 Install Flex Hose



STEP 7. Install Flex Hose.

- Mount Flex Hose to Swivel Base and capture Arm.
- Tighten Both Hose Clamps.

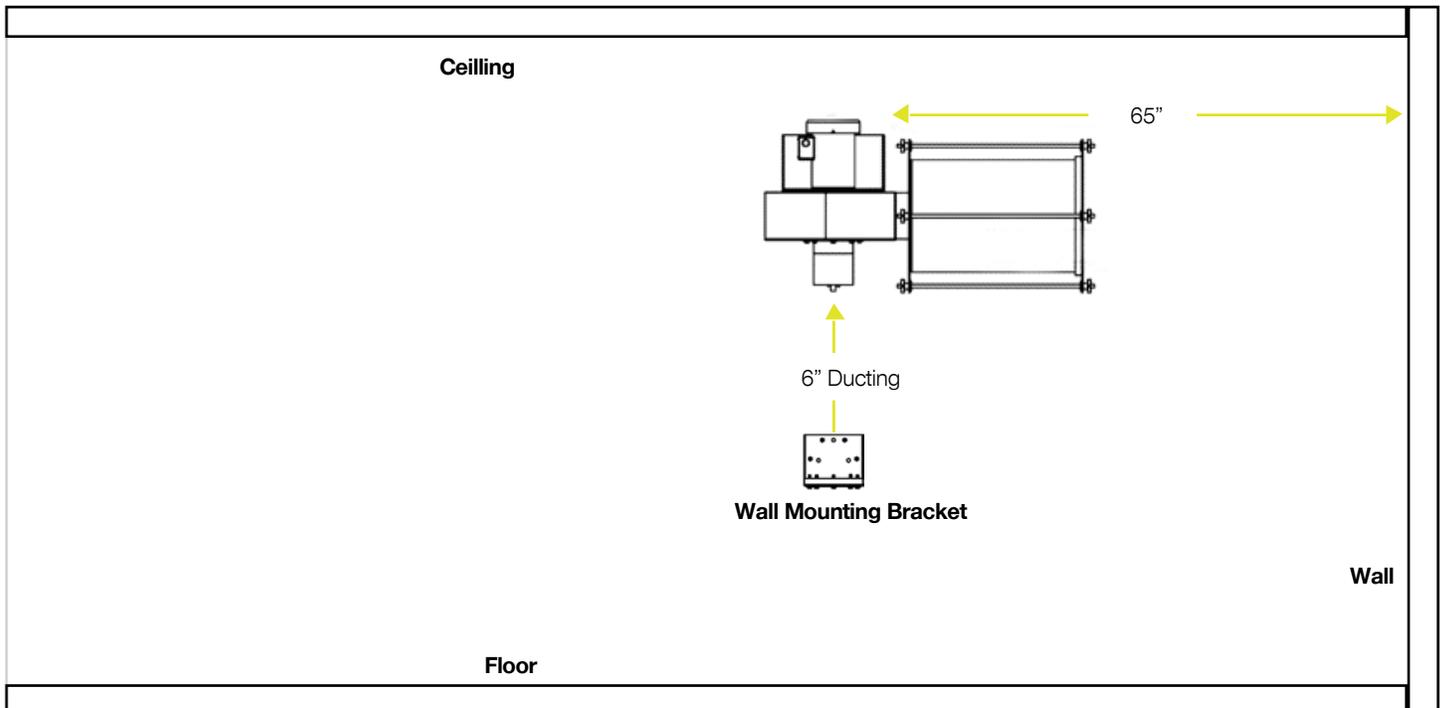
Quantity	Hardware
1	Fred-Eco Assembly
2	Hose Clamps
1	Flex Hose

APPENDIX 4 - ARM-TO-WALL DIRECT INSTALLATION

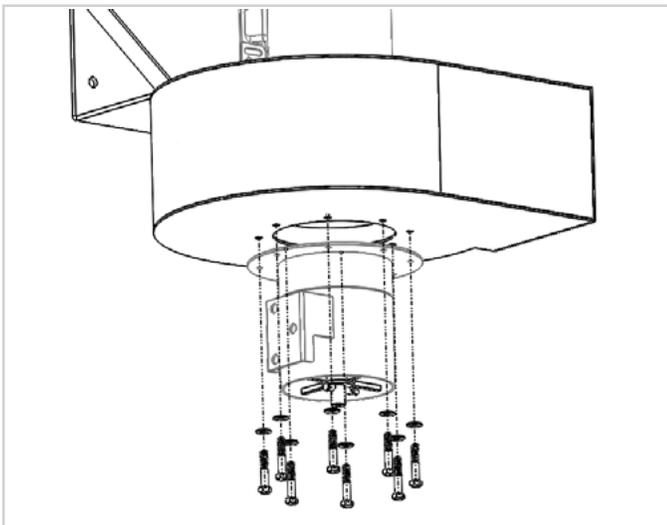
4.1 Selecting a Location

STEP 1. Selecting a Location.

- Read and understand **SECTION 1: Safety Precautions**.
- Mount sufficiently close to an appropriate power source as outlined in Section 3.5: Electrical Options
- Near the operator, and within the operating range of the unit.
- With an attachment point (column, platform, or wall) that will support the weight and force of the equipment.
- With sufficient minimum clearance to the right of the unit, as outlined below. Minimum clearances shown allow for easy filter servicing and maximum performance.
- Distance from floor is by user preference, but care should be taken to not mount as an overhead hazard to the operator.



4.2 Attach Swivel Base to Blower Assembly

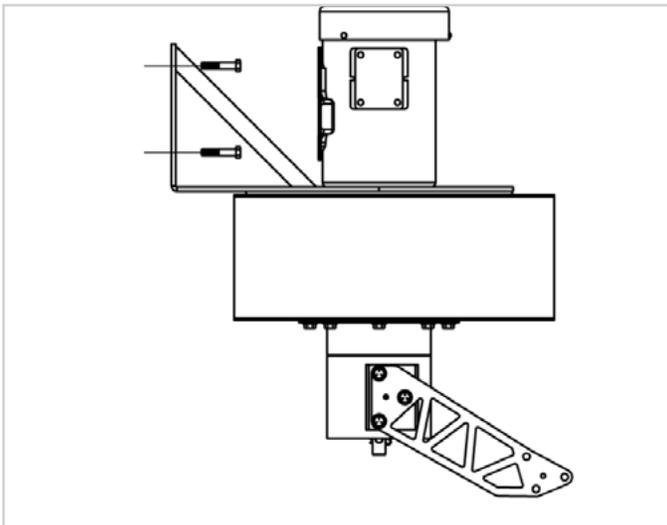


STEP 2. Attach capture arm to swivel base.

- Mount Swivel Base to Motor Blower Assembly.
- Tighten all Bolts (8) with Washers (8)
- Torque each bolt to 23 N m

Quantity	Hardware
1	Motor Blower Assembly
1	Swivel Base
8	1/4" Bolt, Socket Cap
8	1/4" Washer

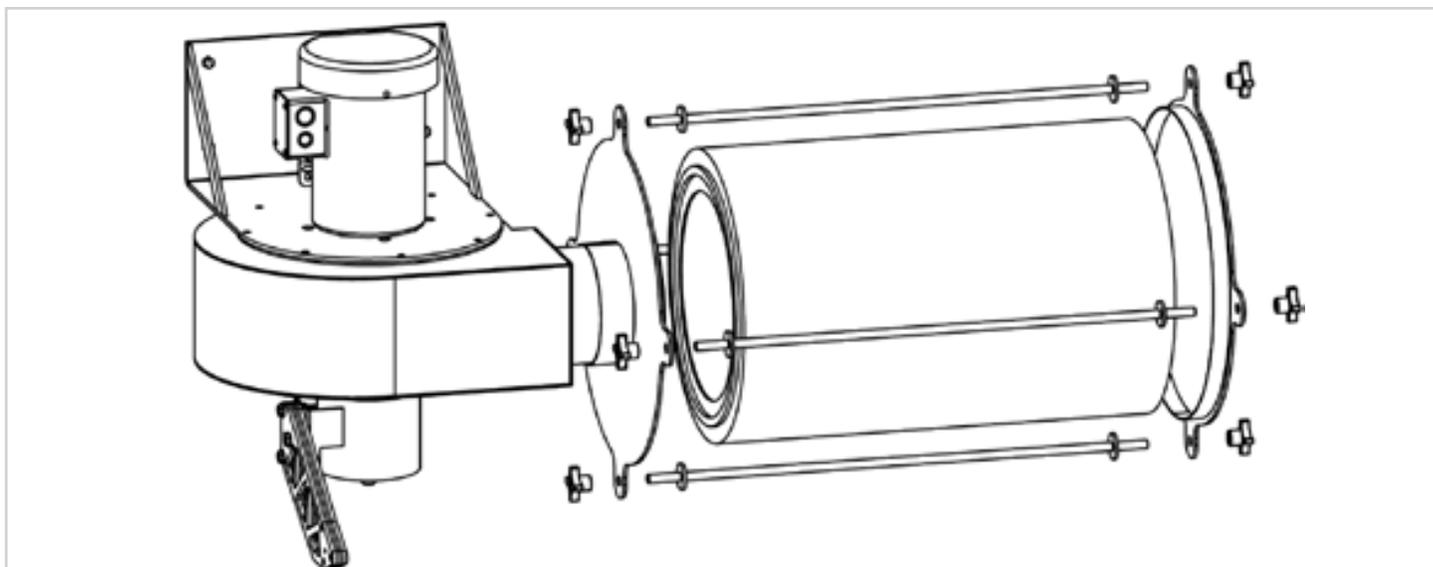
4.3 Mount Blower Assembly to Attachment Point



STEP 3. Blower to Attachment Point.

- Motor Blower Assembly (1)
- Attachment Point Anchors (Not Included)

4.4 Attach Filter to Blower Assembly

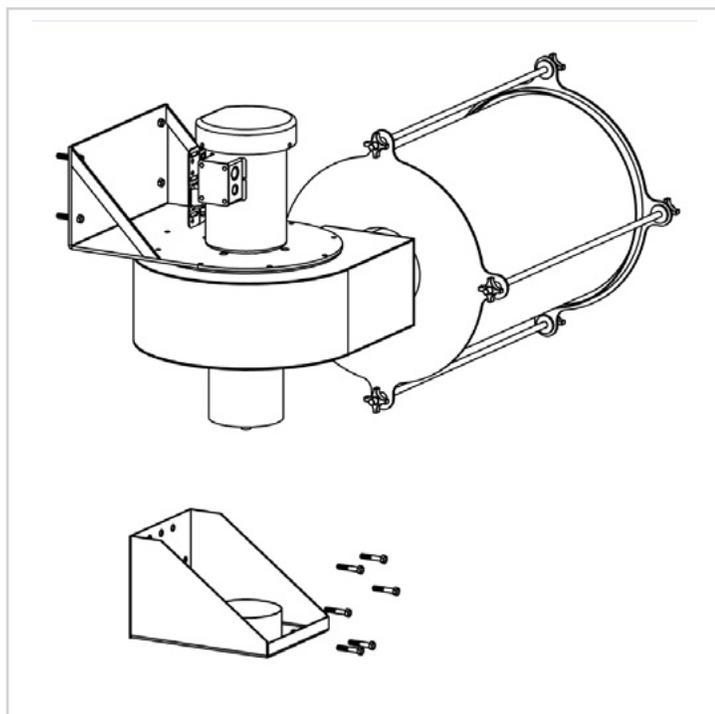


STEP 4. Attach Filter to Blower Assembly

- Place Filter in final location.
- Install the Connecting Rods, ensuring the Filter is not damaged during installation.
- Tighten left Knobs to hold Connecting Rods.
- Install Right Filter Bracket.
- Tighten right Knobs to Lock Filter.

Quantity	Hardware
1	Motor Blower Assembly
4	3/8" Threaded Rod, 91 cm Length
8	3/8" Threaded Knob
1	Filter Compression Plate Assembly
1	Filter Cartridge

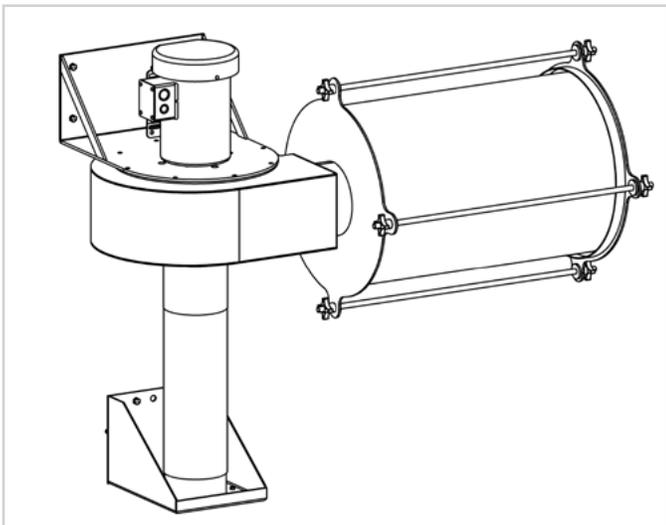
4.5 Mount the Remote Mount Bracket in Suitable Location Relative to FRED-ECO Assembly



STEP 5. Mount Bracket in Suitable Location Relative to FRED-ECO.

Quantity	Hardware
1	Fred-Eco Assembly
1	Remote Mount Bracket
1	Attachment Point Anchors (Not Included)

4.6 Install Flex Hose

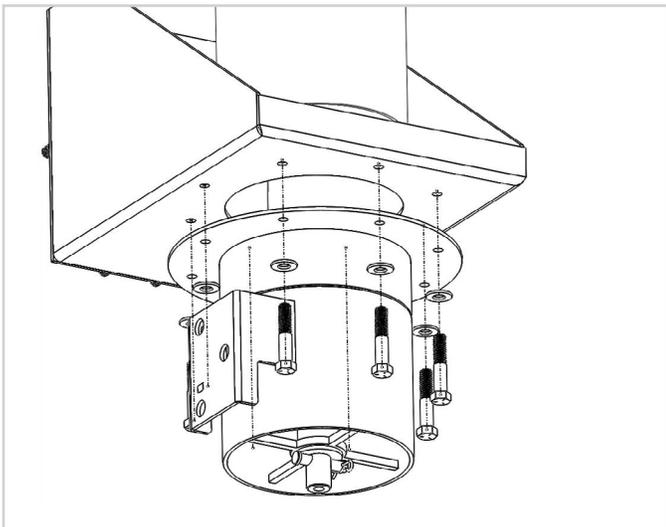


STEP 6. Attach capture arm to swivel base.

- Mount Flex Hose to Swivel Base and Capture Arm.
- Tighten Both Hose Clamps.

Quantity	Hardware
1	Fred-Eco Assembly
1	Remote Mount Bracket
1	Flex Hose
2	Hose Clamps

4.7 Attach swivel base to remote mount bracket

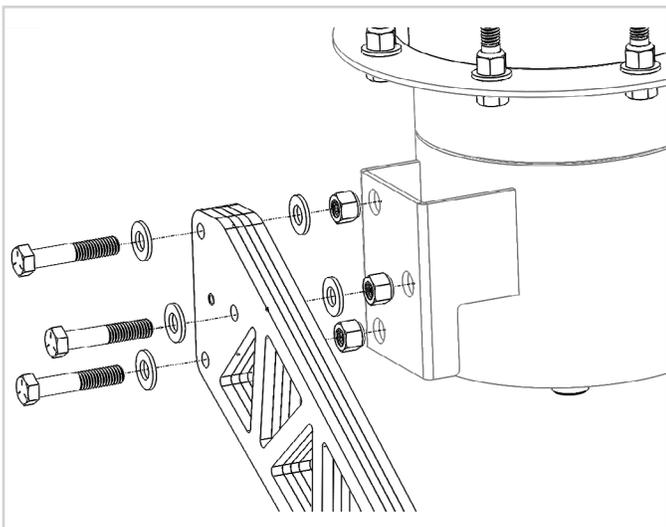


STEP 7. Attach capture arm to swivel base.

- Mount Swivel Base to Remote Mount Bracket.
- Tighten all Bolts (8) with Washers (8)
- Torque each bolt to 23 N m

Quantity	Hardware
1	Motor Blower Assembly
1	Swivel Base
8	1/4" Bolt, Socket Cap
8	1/4" Washer

4.8 Attach J-Bracket to Arm Swivel

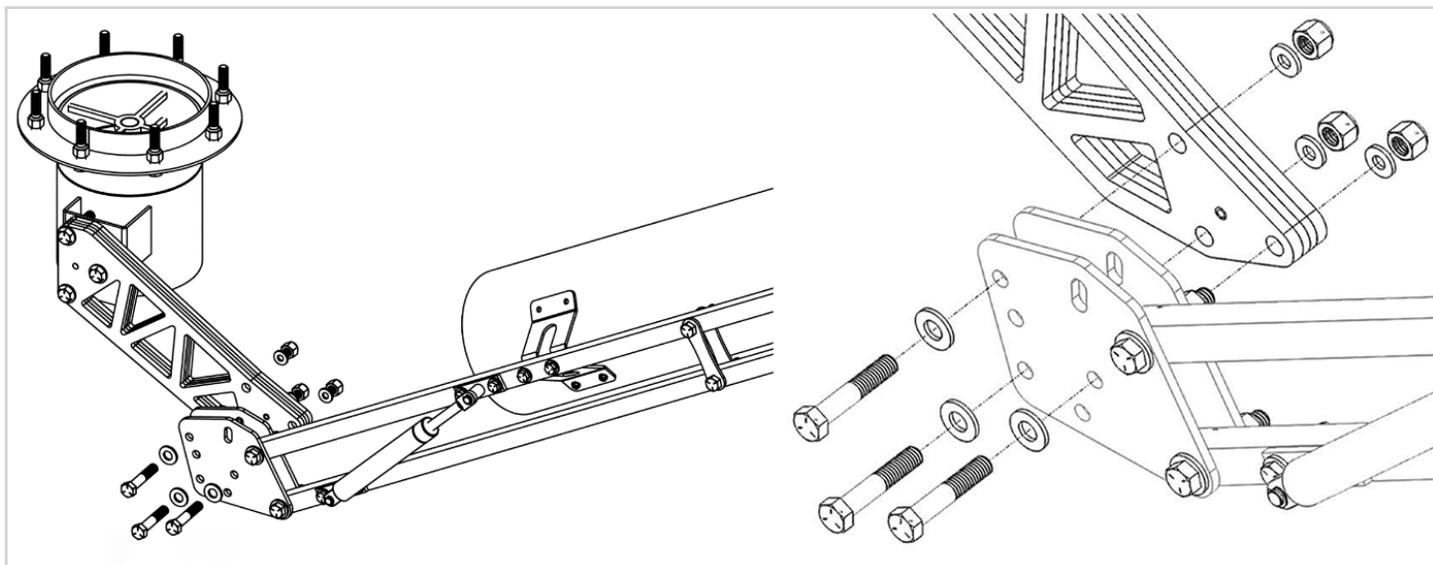


STEP 8. Attach J-Bracket to Arm Swivel.

- Mount J-Bracket to Swivel Base
- Tighten all Bolts (3) with Washers (6) and Nuts (3)
- Torque each bolt to 34 N m

Quantity	Hardware
1	Swivel Base
1	J-Bracket
3	1/4" Bolt, Socket Cap
6	1/4" Washer
3	1/4" Lock Nut, Socket Cap

4.9 Attach Capture Arm to Swivel Base (J-Bracket)

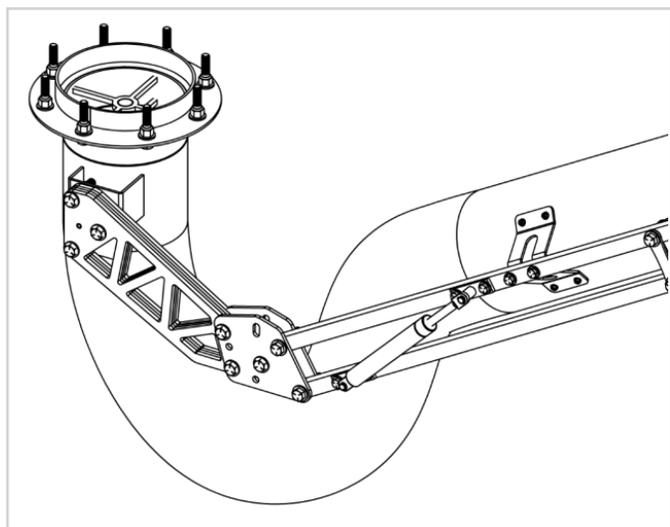


STEP 9. Attach Capture Arm to Swivel Base. (J-Bracket)

- Insert J-Bracket between Capture Arm Mounting Bracket.
- Thread Bolts (3) with Washers (3) through Mounting Bracket and J-Bracket.
- Thread Washers (3) and Locking Nuts (3) to Bolts (3)
- Tighten all Bolts (3) to Locking Nuts (3)

Quantity	Hardware
1	Swivel Base with J-Bracket
1	Capture Arm Assembly
3	3/8" Bolt, Socket Cap
6	3/8" Washer
3	3/8" Lock Nut, Socket Cap

4.10 Install Flex Hose

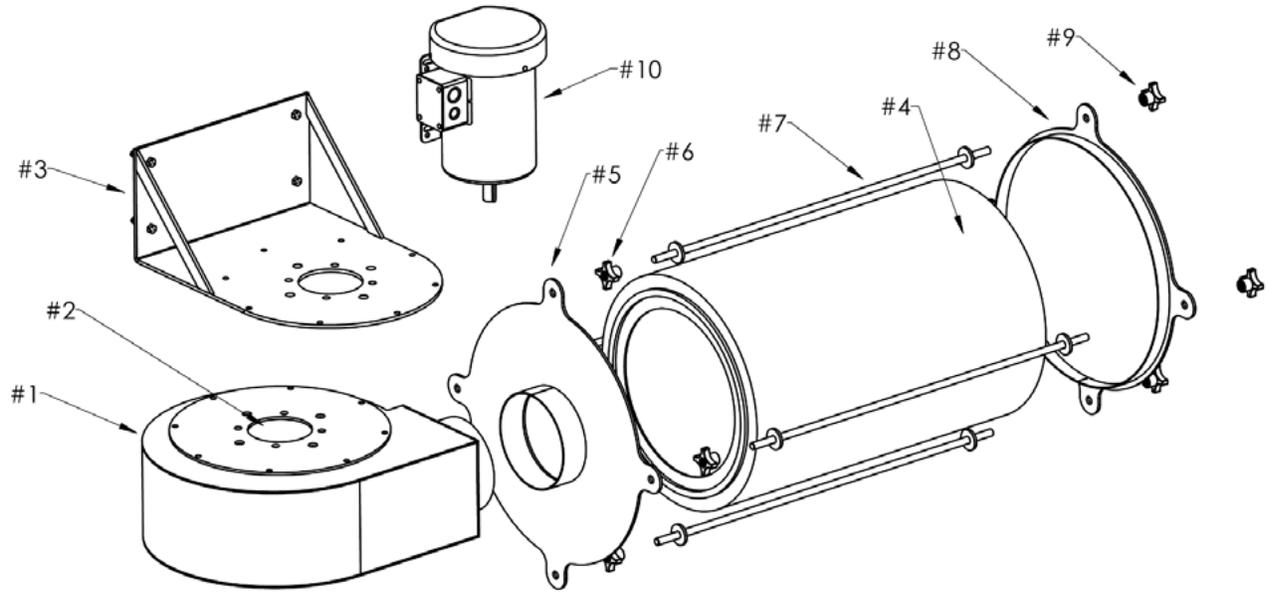


STEP 10. Install Flex Hose.

- Mount Flex Hose to Swivel Base and capture Arm.
- Tighten Both Hose Clamps.

Quantity	Hardware
1	Extractor Arm Assembly
2	Hose Clamps
1	Flex Hose

APPENDIX 5 - PARTS LIST



	DESCRIPTION	ITEM NUMBER	QUANTITY
1	Body, Central	BTO-ECO2-06	1
2	Blower Assembly	S-ECO2-1004	standard
3	Body Mounting Bracket	S-ECO2-0007	optional
4	Filter, Nano-Fiber, 99.99% efficient @ 0.5 microns	S-ECO2-26NF	standard
5	Filter Compression Kit, Blower Side Bracket	S-XA-FCB-01	1
6	Filter Compression Kit, Blower Side Knob	S-XA-FCB-02	4
7	Filter Compression Kit, Connecting Rod	S-XA-FCB-04	4
8	Filter Compression Kit, End Bracker	S-XA-FCB-05	1
9	Filter Compression Kit, End Knob	S-XA-FCB-03	4
10	TEFC Motor, 1.5 HP	S-ECO2-015T1	standard

APPENDIX 6 - SAMPLE SAFETY STICKERS

The machine is marked with a wet filtration safety sticker to remind the operator of safe working practices:

WARNING	AVERTISSEMENT	ADVERTENCIA	WET FILTRATION
DO NOT USE this equipment:	NE PAS UTILISER cet équipement :	NO USAR este equipo:	
 <ul style="list-style-type: none"> To collect smoke, fumes, liquid vapors, or aggressive fumes such as acids 	<ul style="list-style-type: none"> Pour l'extraction de fumées ou d'émanations de plus de 82 °C / 180 °F. 	<ul style="list-style-type: none"> Para extraer humo o gases superiores a 180°F / 82°C. 	
 <ul style="list-style-type: none"> If the power cord has been damaged or ground (third prong) removed. 	<ul style="list-style-type: none"> Si le cordon d'alimentation est endommagé ou si la mise à la terre (troisième broche) a été retirée. 	<ul style="list-style-type: none"> Si el cable está dañado o se le ha quitado el tierra (tercera punta). 	
 <ul style="list-style-type: none"> Without the proper water level in basin 	<ul style="list-style-type: none"> Si le niveau d'eau dans le bassin n'est pas adéquat. 	<ul style="list-style-type: none"> Sin el nivel de agua adecuado en el depósito. 	

The machine is marked with safety stickers in appropriate places to remind the operator of safe working practices.

STICKERS APPLIED TO MACHINE				
Figure 1	Figure 2	Figure 3	Figure 4	Figure 5
Foot Trap Hazard	Falling Objects Hazard	Moving Parts Hazard	Electric Shock Hazard	Loud Noise Hazard
 <p>CAUTION</p> <p>FOOT TRAP HAZARD PROPER FOOTWEAR REQUIRED</p>	 <p>CAUTION</p> <p>FALLING OBJECTS HAZARD DO NOT PLACE OBJECTS ON MACHINE</p>	 <p>CAUTION</p> <p>MOVING PARTS HAZARD DO NOT TOUCH - DISCONNECT POWER BEFORE OPENING</p>	 <p>CAUTION</p> <p>ELECTRIC SHOCK HAZARD SERVICE BY TRAINED PERSONNEL ONLY</p>	 <p>CAUTION</p> <p>LOUD NOISE HAZARD WEAR EAR PROTECTION DURING OPERATION</p>

LIMITED EQUIPMENT WARRANTY

For a period of 2 years from the date of purchase, all Diversitech products are warranted to be free from defects in material, workmanship, and construction, when used in accordance with installation, maintenance instructions, and expressly stated proper use application(s). Diversitech Inc. will repair or replace, at our option, any defective parts which fail during the warranty period. This warranty is limited to replacement parts ONLY, and does not cover personal liability, property loss, normal wear; and does not cover losses resulting from (or due to) improper installation, inadequate maintenance, misapplication, misuse, or use above rated capacities.

FREIGHT CLAIMS

Shipments must be inspected upon arrival. All Diversitech units are sold ex-plant. Therefore, it is the receiver's responsibility to file any freight claims with the carrier for obvious or concealed damages. Damaged shipments must be refused at time of receipt, by consignee.

RETURN MATERIAL POLICY

Prior to the return of material, for whatever reason, a return manufacturing authorization number (RMA#) is required from the Diversitech customer service department. This procedure is necessary for proper control and handling of returned materials. Call 1-800-361-3733 or email support@diversitech.ca to obtain an RMA.

All material must be returned prepaid. Credit will be given for returns for warranty repair or replacement. Freight collect shipments, or freight without an RMA, will not be accepted. It is the shipper's responsibility to ensure that material being returned to Diversitech is adequately packaged for shipment to preclude damages.



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