

Operations & Maintenance Manual

COLLECTALL *REV B*



1.0 IMPORTANT:

Save shipping box and foam for future service. Shipping without proper foam will cause damage to unit.

2.0 SAFETY PRECAUTIONS

Carefully read instructions in this manual before operation (keep manual as it contains information for proper operation and maintenance). Keep all fastening hardware tight to ensure that the unit is in safe working condition. Familiarise yourself with the way in which the special filter is removed, installed, and serviced. Filter must be in place whenever this machine is in operation. Use only on grounded electrical circuit; do not use two-wire electrical prong adapters to defeat the three-pronged plug on the end of the cord. When servicing motor, be careful when touching exterior of motor when it is turned off; it may be hot enough to be painful or cause injury. **Do not substitute any other filter for the ones supplied, as it will alter the design characteristics.**

3.0 PRINCIPLE OF OPERATION

The **CollectAll** features a threefold method of operation:

- a) Filter Bag captures & holds debris;
- b) Odor Filters Capture Odor (If Equipped)
- c) HEPA Filter captures dangerous submicron particles

4.0 SYSTEM COMPONENTS

Description	CollectAll Rev B 120V
Nominal Airflow	250
High Capacity Filter Bag, Part No.:	AG149 (6/box)
Anti Microbial Filter Bag, Part No.:	AG059 (6/box)
Odor Filter Refill Part no.:	NC-GPC & NC-BPC
HEPA Filter, Part No.:	F074
Dimensions (Ht. x Width x Depth)	27"(686mm)x 17"(432mm)x 18"(457)
Voltage / Current:	120/1/60, 10amps
Approx. Weight:	90lbs (41kgs)

5.0 UNIT INSPECTION

Upon receipt, inspect unit for either visible or concealed damage. Damage should be immediately reported to the transport company.

If you suspect concealed damages inside the box indicate so on the transport companies' shipping documents.

Unit is in a single box, c/w all components: 6-foot long, 3"dia. hose (per station) inside the box; (2) hose clamps per port, power cord.

6.0 PRE START-UP CHECKLIST

- a) Check that all internal components are present and are adequately supported;
- b) Open Front Filter Access Door and REMOVE PLASTIC AROUND F118 ODOR Filters
- c) Ensure (2) bags are installed, followed by F118 Odor Filters & F074 HEPA Filter at bottom (see photo)
- c) Check that labels and serial numbers are present for future identification;
- d) Verify power supply is compatible with equipment (120-volt/1 phase/60hz). Check that the unit is plugged into a grounded receptacle;
- e) Ensure that rubber grommets are tight and secure prior to placing unit on the floor.



Filter Bags (AG149 Or AG059) located behind front access door

Odor Filter (If Equipped) located below Filter Bags (above HEPA Filter)

HEPA Filter (F074) located behind front access door

8.0 START-UP

- Ensure door closes tightly;
- Insert male end of cord into wall outlet. Unit should be connected to an independent circuit;
- Switch power toggle to "ON" position to ensure system operation.

WARNING: DO NOT OPERATE UNIT UNLESS ALL FILTERS IS IN PLACE, AS MOTOR MAY BURN-OUT.

9.0 EQUIPMENT MAINTENANCE PROCEDURES

Proper maintenance is critical in extending life of unit. The information presented below outlines basic maintenance procedures ensuring the **CollectAll** unit will provide trouble-free operation in future. The **CollectAll** is designed to allow quick access to HICAP-Bag and ODOR & HEPA Filters. Blowers and motors which **DO NOT** require service on a regular basis, are located & accessible underneath the unit.

9.1 HICAP FILTER BAGS (PN: AG149)

Filter Bags are located inside the unit, behind the hinged door. To replace filter, open its door, pull down top of bag from it's collar, remove and replace. Replace these bags when dust level reaches 50% of bag.



Filter Bags (AG149 Or AG059) located behind front access door

Odor Filter (If Equipped) located below Filter Bags (above HEPA Filter)

HEPA Filter (F074) located behind front access door

9.2 REPLACEMENT ODOR FILTER (PN: NC-GPC for Soldering AND/OR NC-BPC for Rhodium)

When odor is detected, dispose & refill chemical odor granules. Replace with appropriate filter refill granules.

If you use this unit EXCLUSIVELY for SOLDERING, replace ONLY with NC-GPC.

If you use this unit EXCLUSIVELY for RODIUM, replace ONLY with NC-BPC.

When replacing, open hinged door, move filter bags out of the way, and lift HEPA filter up and out of unit and replace.

9.3 HEPA FILTER (PN: F074)

The HEPA filter is located below the filter bag. This filter captures very fine particles. It should be replaced when both the bag and suction capacity is lower than normal.

Warning: If filter bag breaks due to negligence in not replacing filter when full, the HEPA must be replaced as well.

When replacing, open hinged door, move filter bags out of the way, and lift HEPA filter up and out of unit and replace.

9.4 BLOWER MAINTENANCE

WARNING: Switch unit off and unplug power cord from wall before servicing the blower.

Motor is equipped with special ball bearings and lubricant, assuring long life and quiet operation. Additional maintenance is NOT required.

9.6 ANNUAL GENERAL INSPECTION

The sealing integrity of the **CollectAll** is essential. Every 12 months, verify that all gaskets are in proper condition. Should the door gaskets adhere slightly to the unit when opening a door, lubricate its surface with a transparent grease or petroleum jelly. Should unit be moved on occasion, ensure that rubber grommets are tightly fastened. The acoustical integrity of the **CollectAll** is important. **Disconnect the unit by unplugging the power cord from the wall**, and access the fan section. Verify the acoustical insulation is well fastened to walls of the unit. In the event of a problem, call your authorised distributor for spare parts and replace immediately.

9.7 TROUBLESHOOTING GUIDE

Symptoms	Possible Cause	Suggested Solution
Unit will not start	<ul style="list-style-type: none"> - Faulty Power Supply - Tripped Circuit Breaker On The Control Panel - Unit not plugged into receptacle 	<ul style="list-style-type: none"> - Check breaker box - Reset Circuit Breaker - Plug unit in
Excessive noise	<ul style="list-style-type: none"> - Motor bearings are worn 	<ul style="list-style-type: none"> - replace motor
Insufficient airflow	<ul style="list-style-type: none"> - Obstruction in system - DID NOT REMOVE PLASTIC WRAP FILTERS - Clogged Filter Bag - Clogged HEPA Filter 	<ul style="list-style-type: none"> - Remove obstruction -remove plastic - Replace Bags - Replace HEPA
Motor Shuts off, then back on after 30 minutes	<ul style="list-style-type: none"> - input amperage too high 	<ul style="list-style-type: none"> - ensure filter is in place
Excessive airflow	<ul style="list-style-type: none"> - Filter not in place 	<ul style="list-style-type: none"> - Install filter

10.0 WARRANTY

QUATRO Air Technologies warrants its equipment to be free from defect in material and workmanship under normal use and service for a period of one year from date of shipment. QUATRO's obligation under this warranty shall be limited to replacing any parts, thereof, which shall be demonstrated to have been defective. This is expressly in lieu of all other warranties, express or implied, including the warranties of merchantability and fitness. QUATRO claims no warranty as to merchantability or as to the fitness of the merchandise for any particular use and shall not be liable for any loss or damage. No person, firm or corporation is authorised to assume for QUATRO any other liability in connection with the sale of these goods. Equipment, parts and material manufactured by others and incorporated in QUATRO's equipment are warranted by QUATRO only to the extent of the original manufacturer's liability to QUATRO Air Technologies Inc.

Conditions and Limitations: **This warranty does not cover** abuse, misuse, maintenance negligence, improper assembly, acts of vandalism, acts of God, fear wear, modifications of the equipment or installation of a part not recommended by QUATRO Air Technologies, as well as operation of the equipment at voltages other than those specified by QUATRO Air Technologies Inc.

11.0 SPARE PARTS

Qty	Description	Part	Qty	Description	Part
1	ON/OFF Switch	E110	1	HICAP Filter Bag (6/set)	AG149
1	HEPA Filter	F074	1	Anti Microbial Filter Bag	AG059
1	Replacement Motor	AB041-16	1		
1	Soldering Filter Refill	NC-GPC			
1	Rodium Filter Refill	NC-BPC			