



Ref: ACF141. iss5

ACI's JetBlack (Wall mounted / Portable / Static Versions)

Installation, operation and maintenance instruction manual



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IMPORTANT

Please read the following installation, operation and maintenance instructions carefully. Always ensure that the power is isolated before commencing any maintenance on the JetBlack unit. The following manual is also available from the download section of our website: www.aircontrolindustries.com

EQUIPMENT ARRIVAL / INSPECTION

If you have any shortages, discrepancies or damage, please contact your ACI Distributor or alternatively ACI on +44(0)845 5000 501.

SAFETY INFORMATION

- Installation, commissioning and electrical installation are only to be performed by trained service personnel and in accordance with the latest IEE regulations.
- Designer, manufacturers or operators are responsible for proper and safe installation as well as for safe operation.
- Safety features e.g. inlet guards, are not to be dismantled, circumvented or made inoperative.

SAFETY PRECAUTIONS

- Before using the Portable JetBlack unit

Electrical Safety

- Check the supply cable for nicks and cuts (regularly check the cable to ensure it is in good condition).
- Ensure that the correct supply voltage is available before switching on the unit.
- It is recommended that the unit be connected to an electrical supply that is surge protected and in compliance with local codes.
- The unit is fitted with a suitable plug with a 13 amp fuse.
- There are no serviceable parts in the fan unit.
- Never pull the unit by the electrical supply cable or the hose.

General Safety

- Do not use in a wet environment.
- The on/off switch is located behind the carrying handle on the blower unit. Press "I" to turn the unit on, and "O" to turn the unit off.
- Ensure that the unit stands level on the four plastic feet provided.
- If the unit has been fitted with a speed controller, adjust the speed to your desired level.
- Don't remove any guarding or the flexible hose at any time.
- Don't allow objects to pass through the guard whilst the fan is rotating.
- Always switch off the unit at the main electrical supply and disconnect the plug before cleaning the JetBlack.
- Don't use a pressure washer or steam washer to clean the unit.
- Eye protection should be used at all times whilst operating the unit.
- The JetBlack has a thermal shut-off device for safety purposes. Prolonged use may cause the unit to shut-off. In this case, switch the unit off and wait for a few minutes before re-use.

- Before using the Wall Mounted JetBlack unit

Electrical Safety

- The unit is provided with a hard wiring point at the timer switch. All wiring should comply with the latest local electrical codes.
- Please check to ensure that the voltage being used corresponds with the voltage on the unit. Standard motors are 115V, 1Ph, 50/60Hz or 230V 1Ph, 50/60Hz.

General Safety

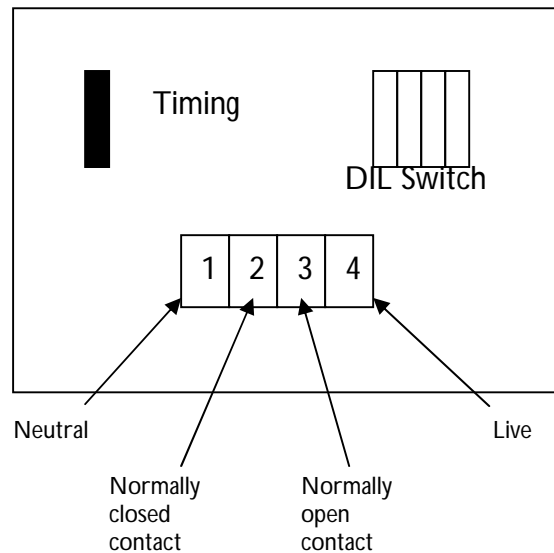
- Always switch off the unit at the main electrical supply before cleaning the JetBlack.
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- Eye protection should be used at all times whilst operating the unit.
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INSTALLATION & SETUP

- Use the wall screws to attach the provided mounting brackets to a suitable position.
- The bottom of the main blower housing, when mounted to the wall, should measure approximately 51 inches (1130cm) above ground level.

ELECTRICAL CONNECTION

Fix the back box to the wall and cover the screws with the plastic screw covers provided. Position the cable in the unit using the cable gland provided. Wire the unit following the diagram below. Screw the plastic lid firmly into place.



OPERATION

- The wall mounted unit is supplied with multi-range touch activated time switch mounted in a weather-proof enclosure sealed to IP55.
- The wall mounted version is operated by pressing the touch pad. It is preset for a 30 second operation which is operated by pressing the touch pad.
- The JetBlack has a thermal shut-off device for safety purposes. Prolonged use may cause the unit to shut off. In this case, switch the unit off and wait for a few minutes before re-use.

GUN ATTACHMENT

To detach or replace the gun follow the following instructions.

- Rotate the black quick release fitting 180° until it clicks. Push upper ring towards the hose (away from gun, Figure 3) and pull and twist the gun. At the point, the gun should detach.
- Rotate the black quick release fitting 180° back to its original position.
- Push replacement gun into connector.

REGULATIONS

The JETBLACK has been designed in accordance with the following directives:

EN55014-1	EMC Directive - Requirements (Emissions)
EN55014-2	EMC Directive - Requirements (Immunity)
EN60335-2-69	Low Voltage (Electrical Safety Testing)
EN61000-3-2	EMC - Limits for harmonic current emissions
EN61000-3-3	EMC - Limits of voltage changes, voltage fluctuations, and flicker in public low-voltage supply systems

The JetBlack emits a sound pressure of 78dB(A).

MAINTENANCE & SERVICE

- The following points must be observed when performing any maintenance or service operation:
 - a. Power supply disconnected and secured against restoration.
 - b. Observe personal safety regulations
 - c. Never use high pressure cleaners to clean.
 - d. If a filter is fitted, it is recommended that these are inspected at least once a month and replaced every six months.

WARRANTY AND MAINTENANCE:

Air Control Industries Limited (ACI) warrants all products manufactured by ACI to be free of defects in material and workmanship for twelve (12) months from the date of shipment. Not covered under the warranty is neglect or misuse of the equipment, operation in an application not approved by ACI, and alterations not performed by ACI.

The ACI warranty is limited to the repair or replacement of items shipped by ACI. At no time will ACI be liable for any of the costs to the buyer for labour, transportation or down-time resulting from defective equipment furnished by ACI, or our suppliers.

Please note –

- The motor within the blower unit has a working life of 1000/1500 hours and the brushes may need replacing after this period.
- The warranty will be void if the unit is tampered with.

Manufacturer Service Address:

Our products are manufactured in compliance with applicable international standards and regulations. If you have any queries regarding the use of our products, or if you are planning a special application, please contact:

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