

OPERATING INSTRUCTIONS FOR THE IAQ-24

- 1) **BEFORE POWER-ON:**
Program the IAQ-24 for 2 level (high-low) or 3-level (high-med-low) operation by setting slide switch SW4 to desired position (2S or 3S).
- 2) **POWER ON:**
When energized, the IAQ-24 will enter its heat-up cycle during which the "CLEAN" LED will flash for 2 minutes. If automatic operation is desired, press push-button SW1 once to enter into automatic mode. The "AUTO" mode LED will light to confirm automatic operation.
- 3) To switch to manual operation from automatic operation ("AUTO" LED on), press SW1 once to exit "AUTO" mode ("AUTO" LED off). This will force the low pollution level normally open relay output contact of the IAQ-24 to close. If SW1 is pressed a second time the medium pollution level normally open relay contact of the IAQ-24 shall close (low level opens). If SW1 is pressed a third time the above action will repeat for the high pollution level output (medium level opens). To revert the IAQ-24 to "AUTO" operation, press SW1 once more to exit manual mode. Status LED's one for each output level (low, med, high) confirm proper control action.

NOTE: During manual mode "AUTO" LED is off. If 2 speed operation is selected (refer to step 1) then the medium level is omitted.

- 4) **AUTO SWITCH OFF TIMER:**
The IAQ-24 has a feature whereby it will stop controlling the ventilation equipment after a preprogrammed period. Press SW2 once for 1 hour, twice for 2 hours and three times for 4 hours of duty time before it shuts itself off. During its "OFF" mode the IAQ-24 will not operate its low-med-high level outputs. However should a polluted air condition be detected the "POLLUTED" LED will still turn on.
- 5) **OFF SWITCH:**
The IAQ-24 may be switched off (places the unit in "OFF" mode) at any time by pressing push-button SW3. Once in "OFF" mode push-button SW1 should be pressed one or more times to revert the IAQ-24 to its auto or manual modes respectively.
- 6) **SENSITIVITY:**
The sensitivity of the IAQ-24 may be increased or decreased by turning the potentiometer RV1 clockwise or counter-clockwise respectively.
i.e.: For maximum sensitivity turn RV1 to maximum clockwise.
For minimum sensitivity turn RV1 to maximum counter-clockwise.

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The information provided by this bulletin is a general description of ACME UNITS. All specifications are subject to change without notice. Installation, maintenance and other instructions provided with the equipment shall be closely followed by installers, owners and users.