

Model 4838 Owner's Manual

Fits Air Cleaner Models 2120, 2140, 2200, 2400 & 5000

OPERATION

The exclusive Aprilaire Air Cleaner Control (see **Figure 1**) is installed by your contractor at a location that is convenient for you. It may be located next to your thermostat, on the air cleaner or near your heating and cooling equipment.

1 Filtering

When the air cleaner is cleaning the air, either at your command or when the heating and cooling system is operating, bars on the display will sequence on and off to let you know that it is working

2 Filter Life Indicator

This area of the display indicates filter usage. Bars will build indicating usage increments of 20%, based on how the Air Cleaner Control was set up. When all bars are filled and begin to flash, it is time to change the filter. See the Maintenance section on pages 2-3 for more details.

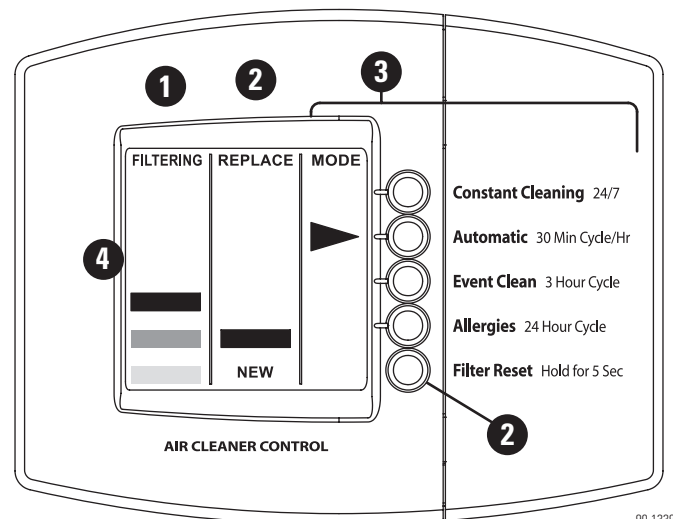
3 Active Cleaning

Four selections are available to choose the Air Cleaner Control option that is best for you, beyond the cleaning that occurs whenever your equipment is heating or cooling.

4 Display Backlight

An Air Cleaner Control hard wired to the HVAC system power will result in the display backlight being lit 100% of the time. If the Air Cleaner Control is powered by batteries, the backlight will come on for ten seconds when a button is pushed.

FIGURE 1



OPERATION (CONTINUED)

ACTIVE CLEANING OPTIONS

To select any of the options below, simply press the corresponding button, and an arrow will appear next to the button indicating which option has been selected. To cancel a selection, simply press the button again.

Constant Cleaning:

This option will provide the maximum amount of air cleaning available. The air cleaner will be active for 24 hours a day, seven days a week.

Automatic (30 min./hr):

The air cleaner will run a minimum of 30 minutes every hour. The Air Cleaner Control will monitor the amount of time your heating and cooling system runs; if 30 minutes is not reached the Air Cleaner Control will automatically turn on the air cleaner. This will maximize the amount of air cleaning while minimizing energy consumption.

Event Clean (3 hour cycle):

When selected, the air cleaner will run for 3 hours continuously and then turn off. This option only cleans the air when needed; an example would be after vacuuming.

Allergies (24 hour cycle):

When seasonal allergies spike and outside air quality is at its worst, choose this option. Your air cleaner will run continuously for 24 hours, then turn off.

MAINTENANCE

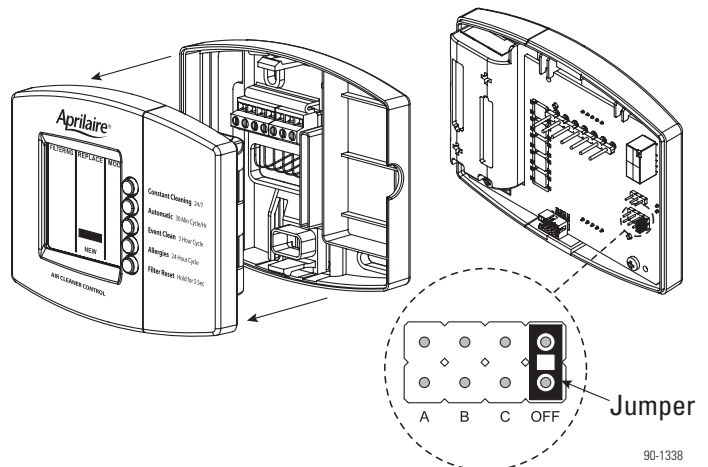
FILTER LIFE INDICATOR – SETTING THE REPLACEMENT FREQUENCY

Bars are added to the filter life indicator section of the display in increments until it is time to change the filter, at which time all the bars will flash. Your filter will generally last a year, but this depends on a number of factors including your environment, construction details, pets, how often you run your air cleaner and of course personal choice. Because the life of the filter is dependent on so many factors, the amount of time between filter changes is selectable.

To change the setting (see Figure 2):

1. Remove the front of the Air Cleaner Control from the base.
2. Move the jumper to the desired position.
3. Replace the front of the Air Cleaner Control on to the base.

FIGURE 2



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MAINTENANCE (CONTINUED)

OFF

Filter change frequency is once per year

A, B & C

If you run your fan continuously, these settings will result in filter change reminders more frequently than once per year (A = 9 months, B = 6 months, C = 3 months).

If you do not run your fan continuously, these settings can be used to have the filter change reminders optimized to what you feel is best for your home (A is less frequent, C is more frequent).

Again, how often you should change your filter is dependent on a number of factors, and a little experimenting may be required to set it to your optimum change frequency.

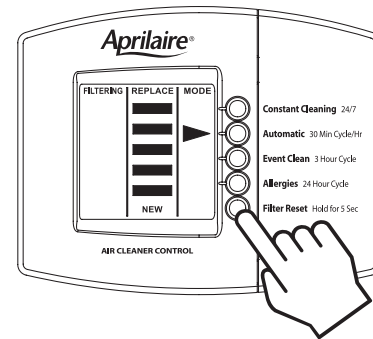
Jumper Position	Filter Change Setting
OFF	One calendar year (365 days)
A	6570 hours of use
B	4380 hours of use
C	2190 hours of use

CHANGING THE FILTER

When the last bar on the Filter Life Indicator section of the display fills up, this section of the display will flash.

1. Replace the filtering media with genuine Aprilaire replacement filters, available from your installing contractor.
IMPORTANT: Follow the step by step directions on the filter carton to ensure that it is installed in the proper orientation.
2. Press and hold the Filter Reset button for 5 seconds (see **Figure 3**) and the Filter Life Indicator section of the display will return to the “NEW” condition.

FIGURE 3

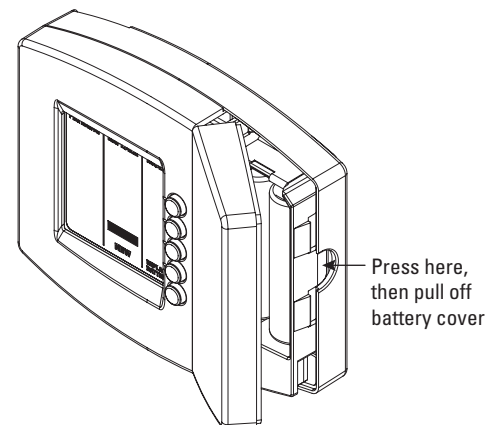


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REPLACE BATTERY

When “REPLACE BATTERY” appears on the display, remove the battery cover (see **Figure 4**) and replace both AA alkaline batteries.

FIGURE 4 – Open Battery Compartment



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LIMITED WARRANTY

Your Research Products Corporation Aprilaire Air Cleaner Control is expressly warranted for five (5) years from the date of installation to be free from defects in materials or workmanship. Research Products Corporation's exclusive obligation under this warranty shall be to supply, without charge, a replacement for any Air Cleaner Control which is found to be defective within such five (5) year period and which is returned not later than thirty (30) days after said five (5) year period by you or your original supplier to Research Products Corporation, Madison, WI 53701, together with the installation date of the Air Cleaner Control.

THIS WARRANTY SHALL NOT OBLIGATE RESEARCH PRODUCTS CORPORATION FOR ANY LABOR COSTS AND SHALL NOT APPLY TO DEFECTS IN WORKMANSHIP OR MATERIALS FURNISHED BY YOUR INSTALLER AS CONTRASTED TO DEFECTS DISCOVERED IN THE AIR CLEANER CONTROL ITSELF.

IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED IN DURATION TO THE AFORESAID FIVE YEAR PERIOD. RESEARCH PRODUCTS CORPORATION'S LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, OTHER THAN DAMAGES FOR PERSONAL INJURIES, RESULTING FROM ANY BREACH OF THE AFORESAID IMPLIED WARRANTIES OR THE ABOVE LIMITED WARRANTY IS EXPRESSLY EXCLUDED. THIS LIMITED WARRANTY IS VOID IF DEFECT(S) RESULT FROM FAILURE TO HAVE THIS UNIT INSTALLED BY A QUALIFIED HEATING AND AIR CONDITIONING CONTRACTOR. IF THE LIMITED WARRANTY IS VOID DUE TO FAILURE TO USE A QUALIFIED CONTRACTOR, ALL DISCLAIMERS OF IMPLIED WARRANTIES SHALL BE EFFECTIVE UPON INSTALLATION.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages so the above exclusion or limitations may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

For fulfillment of warranty parts, call Aprilaire at 1-800-334-6011.

WARRANTY REGISTRATION

Please... Take a few minutes to visit us on-line at www.aprilaire.com to register your Aprilaire product.

If you do not have on-line access, please mail a postcard with your name, address, phone number, product purchased and date of purchase to:
Research Products Corporation, P.O. BOX 1467, Madison, WI 53701

Thank you!

YOUR WARRANTY REGISTRATION INFORMATION WILL NOT BE SOLD OR SHARED OUTSIDE OF THIS COMPANY.



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P.O. Box 1467 • Madison, WI 53701-1467 • Phone: 608/257-8801 • Fax: 608/257-4357 • www.aprilaire.com