

APRIL 5, 1977

REPAIR STATION
ANNOUNCEMENT OF
NEW RETURN GRILLE
ELECTRONIC AIR CLEANER

ATTENTION PURCHASING DEPARTMENT

We are pleased to announce the immediate availability of our new F52C Manual Wash Return Grille Electronic Air Cleaner with an air flow rating of 1000 cfm and F52D with an air flow rating of 2000 cfm.

Most service techniques/features and repair parts associated with the "Super Cell" air cleaner line apply directly to the new units. It should be noted, also, that with the exception of cabinetry dimension differences, these units are similar to the F52A and B models. Service details are explained in the attached specification manual.

If you have any questions or require additional information, please contact your Honeywell Sales Representative.

HONEYWELL INC.

Enclosure

1. F52C and D Specification Sheet, form 60-2407

Honeywell

MARK B. SIMS
Market Manager
Indoor Air Quality
Residential Division

August 12, 1987

AUTHORIZED REPAIR STATION
ANNOUNCEMENT OF
ENHANCED ELECTRONIC AIR CLEANER INTRODUCTION

ATTENTION SALES AND SERVICE DEPARTMENTS

Honeywell is proud to announce product improvements that will enhance the world's most popular electronic air cleaners. The F50A with enhancements becomes the F50E. The F50E is in production and the F52E, F55E and F58E will follow shortly.

The F50E features:

- A Honeywell-designed, Honeywell-produced Solid State Power Supply. It has the same clean cell output as the W919 so no efficiency ratings change, but the more precise voltage regulation enhances cell loading. The electronic feedback control also enables us to offer a Solid State Performance Indicator which will be in full production in 1988, with samples available this fall. A W8600 wall panel, matching the T8600 but compatible with any thermostat, will give living area indication of F50 performance.
- A new 20 x 20 model to better match heat pump air handlers.
- A new nameplate, paint color, and styling give the F50E a T8600 appearance, which is compatible with any furnace color and which harmonizes with adjacent galvanized sheet metal.
- A permanent wash reminder schedule and a service flow chart in the door make the F50E more user-friendly.
- "Quality is Key" is more than a Honeywell slogan. The service record of the F50 is unmatched in the HVAC industry and is still being improved. Now with solid state reliability for the power supply we are proud to announce a 2-year limited warranty for the entire Honeywell electronic air cleaner product line.
- No price increase--quality does pay.

While we have had extensive field experience with the Solid State Power Supply, with over 15,000 put in service since September of 1986, the reliability has proven to surpass our design specifications. But we are still sure some in-warranty repair will be requested of you. You could see an infantile failure or an installer-damaged unit for in-warranty repair any time, since shipments are starting at once.

The success of many of our marketing and sales programs has led to record sales of the F50 family of EAC's. Part of this success is due to the dealer's ready acceptance of Honeywell EAC's. The product is reliable, and if one does fail the dealer knows that his local Honeywell Authorized Repair Station will solve the problem quickly and affordably. For this we thank you.

We are not initially planning to repair the SSPS because our field service history has just begun and we have not yet developed appropriate field repair procedures. In case the cumulative failures justify a repair exchange program, we will be stock piling the returns after a 100% return goods analysis is performed. We will certainly share our findings with you. So, for now, your repair procedure for any 220429 SSPS will be replacement with a new SSPS, returning the defective unit for credit if in-warranty and scrapping locally if out of warranty.

SSPS in-warranty returns should be sent in with completed Returned Goods Identification Tags (form 81-2586-060) that are available from your Customer Service representative. SSPS return shipping charges will be reimbursed as they are noted on the Repair Station Repair Schedule Summary with your other in-warranty repairs.

Authorized Repair Stations will continue to be an important part of our marketing strategy. But frankly, the volume of repair business will be somewhat less in the years ahead because the lower failure rate of the SSPS will be only partially offset by increasing sales volume.

If you have any questions concerning the enhanced products or current indoor air quality marketing programs, please contact your Honeywell sales representative.

Sincerely,



Mark B. Sims

Enclosures

1. F50E Dealer Announcement Brochure (50-7102)
2. F50E Specification-Installation Instructions (68-0072)

Honeywell

May 10, 1991

RESIDENTIAL AIR QUALITY
AUTHORIZED REPAIR STATION
ANNOUNCEMENT OF
ADDITION OF INTEGRAL SOLID STATE AIRFLOW SENSOR FOR
F50 RESIDENTIAL ELECTRONIC AIR CLEANERS

ATTENTION SALES AND SERVICE DEPARTMENTS

Honeywell is pleased to announce the introduction of a new F50 Residential Electronic Air Cleaner that includes an integral solid state airflow sensor (SSAFS). The primary benefits of this product improvement are for the dealer/contractor: easier, faster, lower cost air cleaner installation and additional service/troubleshooting assistance.

PRICING AND AVAILABILITY

Complete information on the new F50 models with the integral airflow sensor can be found in the Residential Air Quality Confidential Specification and Price Book, Form 70-0083, dated January 5, 1991.

The following units/sizes are available now:

<u>OS Number</u>	<u>Size</u>	<u>Voltage</u>
F50E1273	20x25	120V
F50E1281	16x25	120V
F50E1299	20x25	240V
F50E1307	16x25	240V
F50E1315	20x20	120V
F50E1323	20x20	240V

- 20 x 12.5 F50 models: A new one-piece power box that will be available in summer 1991 will include the SSAFS and the solid state performance indication capability. The one-piece power box is field wired since there is no room for the plug-in "J" box.
- F58E economy model: Will not have the SSAFS feature or the performance indication capability.
- F52E return grille models: A sail switch is already a standard feature. There are no plans at this time to include the SSAFS in the F52E.

REPAIR PROCEDURE

The SSAFS will not be available as a merchandised part until later this year. At that time, a troubleshooting procedure for the SSAFS will be published. Until then, to repair in-warranty, failed SSAFS units, the entire power box must be replaced.

Please note that a merchandised kit that includes a Solid State Performance Indicator circuit board and a power supply is now available. This information is not mentioned in the current specification sheet, but can be found in the attached Solid State Power Supply and Power Box Cross Reference. In the past, if a power supply with the performance indication capability failed, the entire power box had to be replaced. Now just the power supply and circuit board can be replaced.

SUPPORT MATERIALS

A copy of the dealer announcement brochure, "Solid State Performance" Form 50-7112, and the Specification Sheet, Form 68-0072-3, are attached.

Your Honeywell Sales Representative will be happy to answer any questions you may have regarding the SSAFS.

Sincerely,



Mark B. Sims
Director, Perfect Climate Business Unit
Residential and Building Controls Division

Attachments:

F50 Specification--Installation Instructions, 68-0072-3
Dealer Announcement Brochure, 50-7112
Solid State Power Supply and Power Box Cross Reference

GOOD LOOKS... GREAT PERFORMANCE!



Honeywell

Honeywell's Redesigned F50 Electronic Air Cleaner Redefines The Standard For Quality In The HVAC Industry

Quality Appearance. New, warm rich color and label looks great, sells better. Color complements today's heating equipment and has excellent consumer eye-appeal.

New 20 x 20 Size. A better match to return air openings on heat pumps, air handlers and electric furnaces.

Wash Reminder Schedule. Schedule conveniently located on the power box reminds consumers to clean cells to maintain optimum performance.

New Remote Performance Indicator Capability. Three LED indicator lights tell status of air cleaner at a glance. Lights indicate "ON," "WASH CELLS" and "SERVICE NEEDED" conditions. (Note: Remote Performance Indicator available Spring 1988!)

New Power Supply. Solid state electronics make the "new" F50 more reliable and easier to service than ever before. There are also fewer replacement parts to stock.

At-A-Glance Power Indicator. Neon lamp in power switch indicates when both the ionizer and collector are powered.

Quieter. Improved voltage regulation reduces the intensity of the arc that occurs occasionally with any electronic air cleaner, providing quieter performance.

Service Reminder. A handy reminder of service procedures is located inside the cell access door.

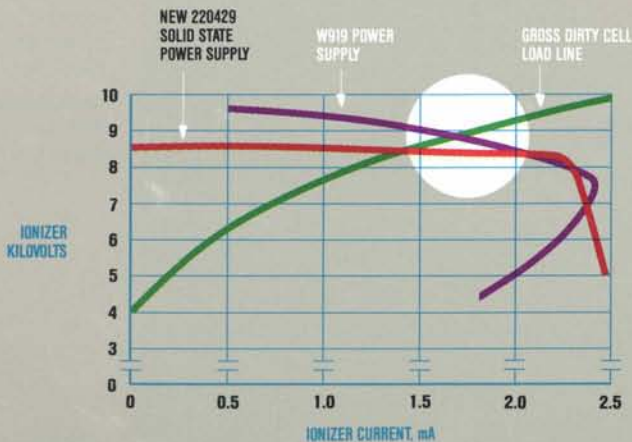


New Solid State Power Supply Improves Performance, Increases Reliability And Extends Equipment Life



To reduce ozone odor produced by the air cleaner by 25%, clip jumper J2. (Note: This will decrease air cleaner efficiency by 7-10%.)

Solid State Power Provides Better High-Voltage Control



Cell can be loaded more heavily because voltage control is more precise.

Output Regulation Curve

QUALITY IS KEY!
NEW TWO-YEAR CONSUMER WARRANTY

Longer Component Life. New power supply limits the size of arc when the collector cell arcs from dirt particles or the test button is pushed. Arc limit extends the life of the diodes and resonating capacitors.

Improved Current Regulation. As cell loads with dirt, ionization current tends to fall off. New electronic voltage regulation does not permit voltage to drift up, so collector arcing is reduced and dirt-holding capacity is increased.

Reliable Performance. New electronically-regulated power supply performs better and longer with fewer service callbacks due to dirty cells.

Improved Diagnostic Indicators. A neon light in the switch goes out to provide immediate indication if either the ionizer or collector section shorts out. Under these conditions, no arc will be produced when the test button is pushed.

Simplifies & Speeds Troubleshooting Time. Solid state power supply circuit board can easily be replaced on the job, no special tools required.

Easier To Service. Diagnostic flow chart inside cabinet door aids in troubleshooting.

Easy To Stock. Easy To Install. All components are on a single circuit board, so it's easier to stock and install. Only one part number is required. Replace, board-for-board. Quick-connect, push-in terminals install in a single step.

Reduced Inventory. A total of 6 new power supply models replace over 50 different W919 models and are completely interchangeable with all existing W919A power supplies.

Lower Price. Cost of the new power supply is comparable to a major component replacement on the W919.

Honeywell
Residential Division
1985 Douglas Drive North
Golden Valley MN 55422

In Canada:
740 Ellesmere Road
Scarborough, Ontario M1P 2VP

Together, we can find the answers.

Honeywell