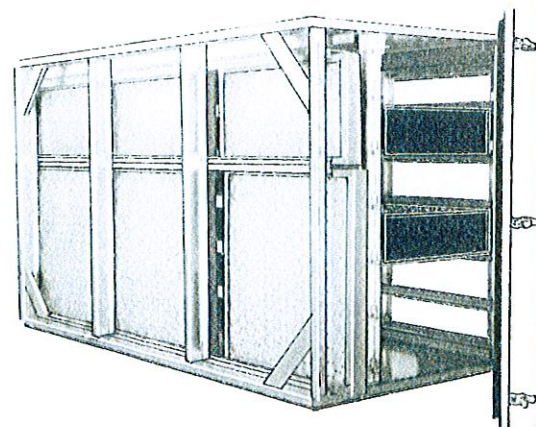
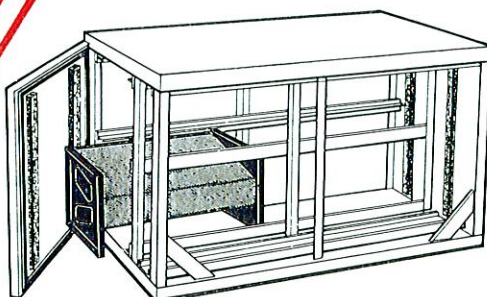


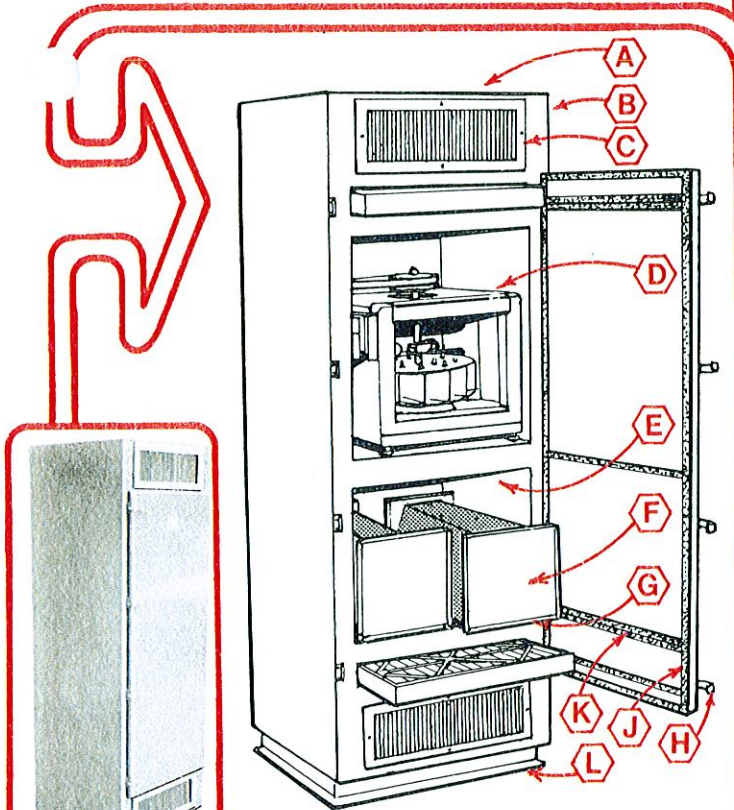
SIDE ACCESS CHEMICAL MEDIA HOUSINGS



Air → **SEAL**
**CHEMICAL
MEDIA
HOUSINGS**

- RECIRCULATION UNITS**
- PRESSURIZATION UNITS**
- SIDE ACCESS HOUSINGS**

Over fifteen years of exclusive fabrication of Air Filtering Equipment.



RECIRCULATION UNITS

USED EXTENSIVELY FOR THE PROTECTION OF COMPUTER ROOMS AND ELECTRICAL EQUIPMENT.

These free standing filtration units are designed for areas where corrosive gases and fumes contaminate computers and other electronic equipment.

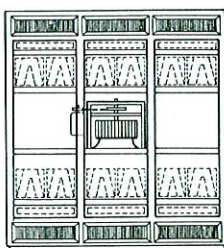
Each self contained unit recycles and filters the air through chemical media gas-phase filters and particulate filters. The unit is powered with an industrial grade plug fan with an air-foil aluminum wheel.

Four standard models range in size from 500 cfm to 3000 cfm, in both single pass and double pass banks. Horizontal Units designed for ceiling mounting are standard with Air Seal.

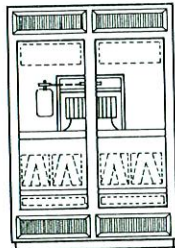
These quiet running units are insulated. The blower assemblies are on vibration isolators.

Complete submittal data is available.

ALSO AVAILABLE IN STAINLESS STEEL AND ALUMINUM CONSTRUCTION.



3000 CFM UNIT



2000 CFM UNIT

LARGER SIZES OF RECIRCULATION & PRESSURIZATION UNITS

AIR SEAL CONSTRUCTION FEATURES ARE A MARK OF QUALITY

- A RUGGED CONSTRUCTION.** Completely factory assembled "one piece unit" in 14 gauge galvanized steel.
- B EPOXY COATED** in air dried epoxy. Color is Royal Blue.
- C INLET/OUTLET GRILLS.** Double deflecting diffusers in aluminum construction.
- D INDUSTRIAL PLUG FAN** with air-foil aluminum wheel. Fan on Vibration Isolators.
- E INSULATED INTERIOR** with one-inch thick sound absorbing mat-faced duct liner.
- F CHEMICAL MEDIA CELLS.** Air Seal's AS-12 cells. Three-inch bed depth. Each containing 50 pound of media.
- G EXTRUDED ALUMINUM TRACK** for AS-12 cells. Has woven nylon pile seal. To create a corrosion resistant seal.
- H LATCHES** - Positive pressure trip lock latches for a tight seal and easy access.
- J FULLY GASKETED ACCESS DOOR.** Perimeter of door is gasketed with resilient rubber gasketing, assuring a complete seal.
- K COMPLETE GASKETING OF FILTERS.** Urethane foam on inside of door seals against the filters when door is closed.
- L STRUCTURAL BASE.** Three inch channel base is provided when space permits. A one inch formed base of 14 gauge galvanized steel is optional.

ALL METAL TO METAL COMPONENTS ARE SEALED. Silocone compound is applied to assure a sealed housing.

GAUGES for reading the pressure drop across the filter banks are available.

PRESSURIZATION UNITS

FOR FILTRATION AND PRESSURIZATION OF COMPUTER ROOMS AND SWITCH-GEAR ROOMS.

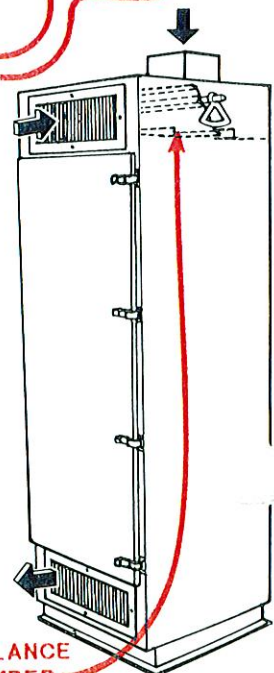
These units are designed to filter both the contaminated outside air and recycled room air. The balancing damper controls the proper intake of outside air to pressurize the space.

The construction features and components are the same as the Recirculation unit. Chemical media filters and particulate filters are used.

Air monitoring stations are frequently used to monitor the intake of outside air. These stations are available if needed.

Four standard sizes, in single pass and double pass are catalogued. Horizontal units and custom units are available.

Complete submittals on request.



BALANCE DAMPER

Air SEAL

SIDE ACCESS CHEMICAL MEDIA FILTER HOUSINGS

AVAILABLE IN SINGLE BANK OR MULTI-BANK ARRANGEMENTS USING EITHER OF TWO SIZE CHEMICAL MEDIA CELLS.

Every Air Seal Housing is built to exacting specifications by people that take pride in producing a quality product.

Air Seal's Chemical Media Housings are cataloged for both AS-18 cells and AS-12 cells. The AS-18 cells are one-inch thick beds of chemical media contained in perforated metal modules -- the AS-12 cells are three-inch thick beds.

Housings are standard with 2" pre filters and one bank of chemical filters. But, each are available in doublebank, multibank, and multistage arrangements.

Housings range in size from 1 high by 1 wide to 4 high by 6 wide.

Factory submittals furnished.

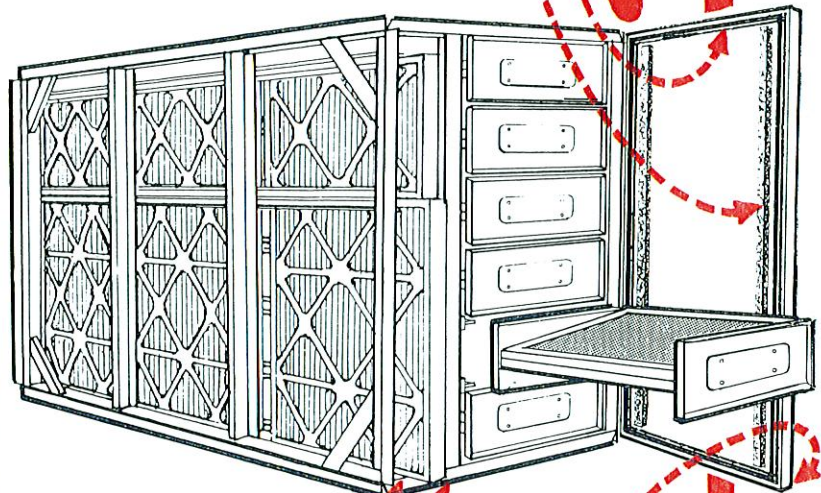
ALL HOUSINGS ARE AVAILABLE IN:
STAINLESS STEEL - ALUMINUM - EPOXY COATED - INSULATED - WEATHERPROOF.

FULLY GASKETED ACCESS DOORS

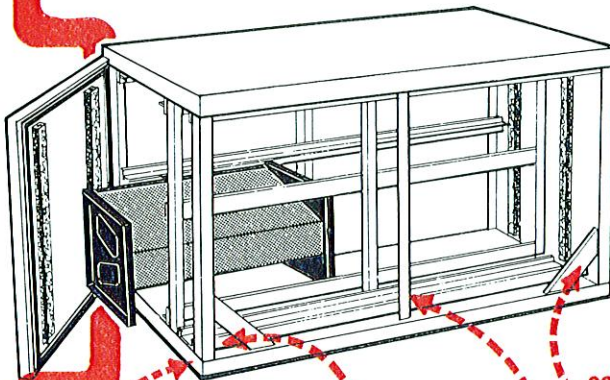
Perimeter of doors is gasketed with resilient rubber gasketing, assuring a complete seal when doors are closed.

COMPLETE GASKETING OF FILTERS

Urethane foam gasketing is installed on "inside of doors". When doors close, gasket seals against the edge of filters, eliminating by-pass.



MODEL AS-18



MODEL AS-12

1" FLANGES FOR EASY INSTALLATION

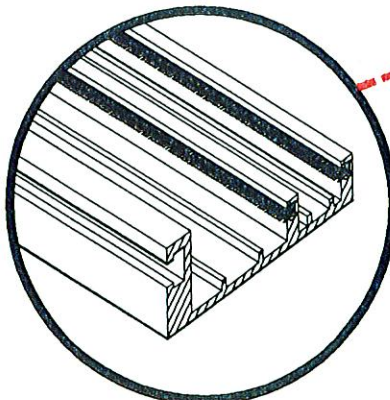
Turned-out flanges all four sides both front and rear.

ALL METAL TO METAL COMPONENTS SEALED

After fabrication, a silicone compound is applied to areas where metal meets metal, assuring a sealed housing.

EXTRUDED ALUMINUM FILTER TRACKS

All filter tracks are extruded aluminum combined with reinforced nylon pile seal to create a corrosion resistant seal.

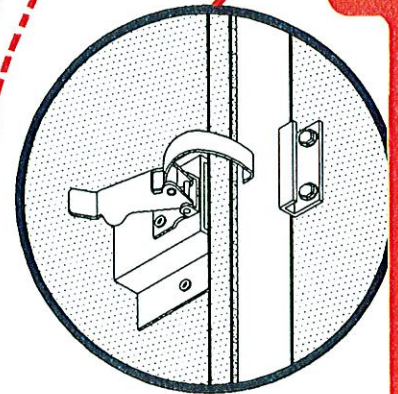
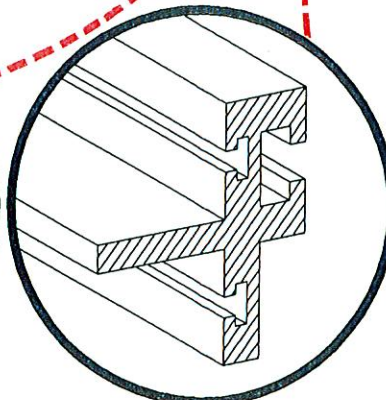


CORNER GUSSETS MAKE AN EXTRA RIGID UNIT

Corner gussets are standard on front of Air Seal Housings... adding extra stability.

CENTER LEGS ON 24" CENTERS

These members add overall rigidity to the housing and serves as supports for the tracks.



QUICK ACTION POSITIVE LOCK DOOR LATCHES

Access doors are fitted with positive pressure trip lock latches that assures a tight seal and easy access.

RUGGED CONSTRUCTION

The Air Seal Housing is factory assembled in a complete "one piece" unit, constructed of 16 gauge galvanized steel.

DIMENSIONS OF SIDE ACCESS HOUSINGS

Listed are the "OUTSIDE DIMENSIONS" of each housing. They include a one-inch turned-out flange. Dimensions are based on using full size 24" x 24" face size filters.

1/2 High.... 16"	1	Wide... 26"
1 High.... 28 1/4"	2	Wide... 49 1/2"
1 1/2 High.... 40"	3	Wide... 73"
2 High.... 52"	4	Wide... 96 1/2"
2 1/2 High.... 64"	5	Wide... 120 1/8"
3 High.... 76"	6	Wide... 144"
3 1/2 High.... 88"		
4 High.... 100"		

WEATHER PROOFED HOUSING ARE ONE-INCH HIGHER AND TWO-INCHES NARROWER THAN STANDARD HOUSINGS.

HOUSING DEPTHS FOR TWO STAGE HOUSINGS

2" PRE AND AS-12 CELLS 24" DEEP
 2" PRE AND AS-18 CELLS 30" DEEP

HOUSING DEPTHS FOR THREE STAGE HOUSINGS

2" PRE, AS-12 CELLS, AND 12" FINAL - 44" DEEP
 2" PRE, AS-18 CELLS, AND 12" FINAL - 50" DEEP

AIR SEAL'S CHEMICAL MEDIA FILTER CELLS

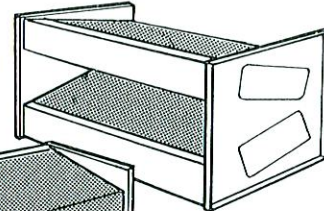
Construction consists of 24 gauge perforated metal welded to 22 gauge frames. Perforated metal has .0625 holes punched on 3/32" staggered centers to give 41% open area.

End plates (one with fill ports) are welded to frames

Finish is corrosion resistant baked enamel.

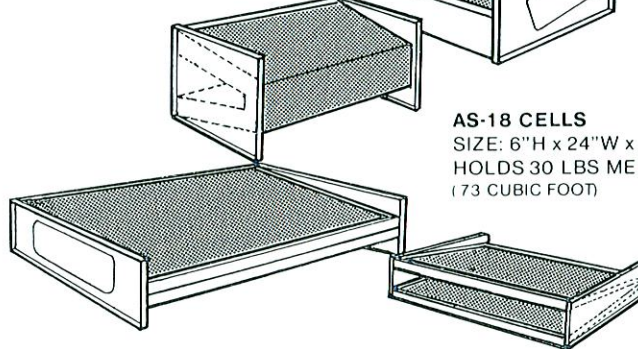
AS-12 CELLS

SIZE: 12"H x 24"W x 12"D
 HOLDS 50 LBS MEDIA
 (ONE CUBIC FOOT)



AS-18 CELLS

SIZE: 6"H x 24"W x 18"D
 HOLDS 30 LBS MEDIA
 (.73 CUBIC FOOT)



DIMENSIONS OF RECIRCULATION UNITS AND PRESSURIZATION UNITS

OPTIONS AVAILABLE ON ALL AIR SEAL HOUSINGS:

- STAINLESS STEEL CONSTRUCTION
- ALUMINUM CONSTRUCTION
- CUSTOM FLANGING
- WEATHERPROOFING
- VERTICAL FLOW
- INSULATION
- EPOXY COATING
- HIGH PRESSURE

SUBMITTALS AVAILABLE ON ALL AIR SEAL HOUSINGS

AIR SEAL FILTER HOUSINGS, INC.
 1112 STAFFORDSHIRE RD.
 STAFFORD, TEXAS 77477

PHONE: (713) 499-9864
 FAX: (713) 499-6060

RECIRCULATION UNIT -- SINGLE PASS

MODEL	CFM	NUMBER CELLS
AS/RC-5	500	1
AS/RC-10	1000	2
AS/RC-20	2000	4
AS/RC-30	3000	6

RECIRCULATION UNIT -- DOUBLE PASS

AS/RC-5D	500	2
AS/RC-10D	1000	4
AS/RC-20D	2000	8
AS/RC-30D	3000	12

PRESSURIZATION UNIT -- SINGLE PASS

AS/PZ-2+2	500	1
AS/PZ-5+5	1000	2
AS/PZ-10+10	2000	4
AS/PZ-15+15	3000	6

PRESSURIZATION UNIT -- DOUBLE PASS

AS/PZ-2+2D	500	2
AS/PZ-5+5D	1000	4
AS/PZ-10+10D	2000	8
AS/PZ-15+15D	3000	12