# F100F Media Air Cleaner

**The F100F Media Air Cleaner captures a significant amount of the airborne particles from the air circulated through the unit. Recommended as the basic minimum air quality product. The F100F Media Air Cleaner includes cabinet, access door and FC100A pleated media filter.**

- High efficiency media filter captures particles as small as 0.3 microns
- Applicable to all gas, oil and electric forced air furnaces and to compressor cooling up to 5 tons
- Mounts in the return air duct
- Rugged zinc-coated, roll-formed cabinet resists corrosion and can support weight of residential furnace and evaporator coil
- Requires no electrical connections
- Mounts in any position
- Requires no maintenance except periodic media filter replacement
- Quick and easy media filter replacement
- Later upgrade to higher performing media or electronic air cleaner is easy

**Application:** Duct mounted
**Description:** Entry level Media air cleaner, 4 inch extended Media.
**Efficiency Standard:** Efficiency ratings are based on American Society of Heating, Refrigerating and Air-Conditioning Engineers Standard 52.2-1999. Efficiency ranges are defined for small particles, E1=0.3 to 1.0 microns; medium particles, E2=1.0 to 3.0 microns; and large particles, E3=3.0 to 10.0 microns.
**Fractional Efficiency:** E1=32%, E2=72%, E3=96%
**Minimum Efficiency Reporting Value (Media Filters Only):** MERV 11
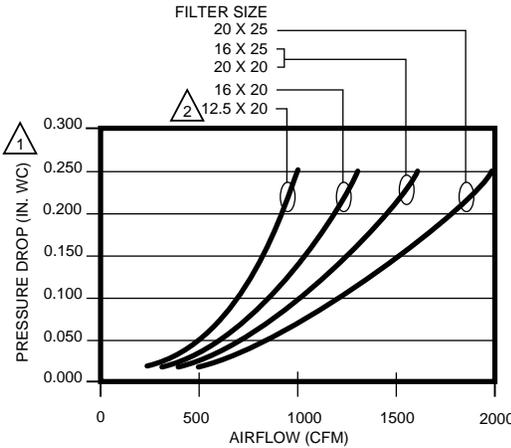**Static Pressure Drop (in. w.c.):** 0.23 at 500 FPM
**Approvals**
**Underwriters Laboratories, Inc:** Filter Element: UL Listed, UL900, Class 2

**Replacement Parts:**
**FC100A1003/U-**F16X20 Media Air Filter - MERV 11
**FC100A1011/U-**20X20 Media Air Filter - MERV 11
**FC100A1029/U-**16X25 Media Air Filter - MERV 11
**FC100A1037/U-**20X25 Media Air Filter - MERV 11
**FC100A1045/U-**21.5X27.5 Media Air Filter - MERV 11
**FC100A1052/U-**20X12.5 Media Air Filter - MERV 11
**FC200E1003/U-**16x20 Charged-Media Filer - MERV 13
**FC200E1011/U-**20x20 Charged-Media Filter - MERV 13
**FC200E1029/U-**16x25 Charged-Media Filer - MERV 13
**FC200E1037/U-**220x25 Charged-Media Filter - MERV 13

**Pressure Drop of FC100 Filter**



$\boxed{1}$ WHEN FIRST INSTALLED. PRESSURE DROP INCREASES AS FILTER BECOMES LOADED. REPLACE FILTER WHEN PRESSURE DROP REACHES 0.5 IN. WC. (0.1 kPa).

$\boxed{2}$ AVAILABLE ONLY IN UNITED STATES.

M14709

**F100 Media Air Cleaner with MERV 11 Filter**

| | Air Cleaner Size-Dimensions, Approximate | | Airflow Max.-Capacity | | |
|---|---|---|---|---|---|
| **Product Number** | **(inch)** | **(mm)** | **(cfm)** | **(m³/hr)** | **Replacement Filters** |
| * F100F2002/U | 16 in. x 25 in. | 406 mm x 635 mm | 1400 cfm | 2380 m³/hr | FC100A1029, FC200E1029, POPUP1625 |
| * F100F2010/U | 20 in. x 25 in. | 508 mm x 635 mm | 2000 cfm | 3400 m³/hr | FC100A1037, FC200E1037, POPUP2025 |
| * F100F2028/U | 16 in. x 20 in. | 406 mm x 508 mm | 1200 cfm | 2040 m³/hr | FC100A1003, FC200E1003, POPUP1620 |
| * F100F2036/U | 20 in. x 20 in. | 508 mm x 508 mm | 1400 cfm | 2380 m³/hr | FC100A1011, FC200E1011, POPUP2020 |
| * F100F2044/U | 25 in. x 20 in. | 635 mm x 508 mm | 2000 cfm | 3400 m³/hr | FC100A1037, FC200E1037, FC100C1017 |
| * F100F2051/U | 25 in. x 22 in. | 635 mm x 559 mm | 2000 cfm | 3400 m³/hr | FC100A1037, FC200E1037, FC100C1017 |
| *TRADELINE models • SUPER TRADELINE models | | | | | |

**F100 Media Air Cleaner Boot Only**

| | Air Cleaner Size-Dimensions, Approximate | | Airflow Max. Capacity | | |
|---|---|---|---|---|---|
| **Product Number** | **(inch)** | **(mm)** | **(cfm)** | **(m³/hr)** | **Replacement Filters** |
| F100B1016/U | 16 in. x 25 in. | 406 mm x 635 mm | 1400 cfm | 2380 m³/hr | FC100A1029, FC200E1029, FC100C1009, POPUP1625 |
| * F100B1024/U | 20 in. x 20 in. | 508 mm x 508 mm | 1400 cfm | 2380 m³/hr | FC100A1011, FC200E1011, POPUP2020 |
| * F100B1032/U | 20 in. x 25 in. | 508 mm x 635 mm | 2000 cfm | 3400 m³/hr | FC100A1037, FC200E1037, FC100C1017, POPUP2025 |
| * F100B1040/U | 25 in. x 22 in. | 635 mm x 559 mm | 2000 cfm | 3400 m³/hr | FC100A1037, FC200E1037, FC100C1017 |
| *TRADELINE models • SUPER TRADELINE models | | | | | |