

# F100 Media Air Cleaner with MERV 11 Filter



The F100 Media Air Cleaner captures a significant amount of the airborne particles in the air circulated through the unit. Recommended as a basic minimum air quality product. Includes; cabinet, access door and MERV 11 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.

**Applications:** Duct mounted

**Type of Air Cleaner:** Media Air Cleaner

**Efficiency Standard:** 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. Efficiency ratings are based on American Society of Heating, Refrigerating and Air-Conditioning Engineers Standard 52.2-1999

**Minimum Efficiency Reporting Value (Media Filters Only):** MERV 11

**Additional Features:** Includes Media Air Cleaner and MERV 11 Filter  
**Approvals, Underwriters Laboratories Inc.:** Filter Element: UL Listed, UL900, Class 2

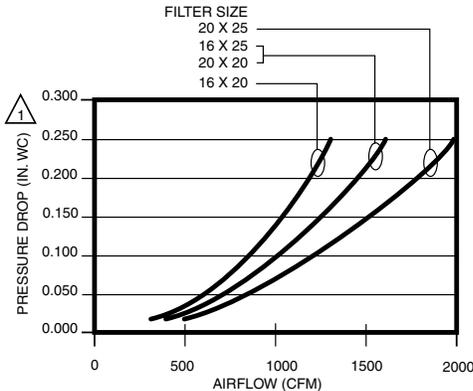
**Tradeline Value:** Tradeline

**Replacement Parts:**

- FC100A1003/U – F16 x 20 Media Air Filter - MERV 11
- FC100A1011/U – 20 x 20 Media Air Filter - MERV 11
- FC100A1029/U – 16 x 25 Media Air Filter - MERV 11
- FC100A1037/U – 20 x 25 Media Air Filter - MERV 11
- FC100A1045/U – 21.5 x 27.5 Media Air Filter - MERV 11
- FC100A1052/U – 20 x 12.5 Media Air Filter - MERV 11
- FC200E1003/U – 16 x 20 Charged-Media Filer - MERV 13
- FC200E1011/U – 20 x 20 Charged-Media Filter - MERV 13
- FC200E1029/U – 16 x 25 Charged-Media Filer - MERV 13
- FC200E1037/U – 20 x 25 Charged-Media Filter - MERV 13

Material Number	Approximate, Dimensions	Airflow Capacity (cfm)	Airflow Capacity (m <sup>3</sup> /hr)	Fractional Efficiency	Static Pressure Drop (in. w.c.)	Replacement Filters
F100F2002/U	16 in. x 25 in. (406 mm x 635 mm)	Maximum – 1400 cfm	Maximum – 2380 m <sup>3</sup> /hr	E1=25%, E2=62%, E3=85%	0.23 at 500 FPM	FC100A1029, FC200E1029, POPUP1625
F100F2010/U	20 in. x 25 in. (508 mm x 635 mm)	Maximum – 2000 cfm	Maximum – 3400 m <sup>3</sup> /hr	E1=25%, E2=62%, E3=85%	0.23 at 500 FPM	FC100A1037, FC200E1037, POPUP2025
F100F2028/U	16 in. x 20 in. (406 mm x 508 mm)	Maximum – 1200 cfm	Maximum – 2040 m <sup>3</sup> /hr	E1=25%, E2=62%, E3=85%	0.23 at 500 FPM	FC100A1003, FC200E1003, POPUP1620
F100F2036/U	20 in. x 20 in. (508 mm x 508 mm)	Maximum – 1400 cfm	Maximum – 2380 m <sup>3</sup> /hr	E1=25%, E2=62%, E3=85%	0.23 at 500 FPM	FC100A1011, FC200E1011, POPUP2020
F100F2044/U	25 in. x 20 in. (635 mm x 508 mm)	Maximum – 2000 cfm	Maximum – 3400 m <sup>3</sup> /hr	E1=25%, E2=62%, E3=85%	0.23 at 500 FPM	FC100A1037, FC200E1037, FC100C1017
F100F2051/U	25 in. x 22 in. (635 mm x 559 mm)	Maximum – 2000 cfm	Maximum – 3400 m <sup>3</sup> /hr	E1=25%, E2=62%, E3=85%	0.23 at 500 FPM	FC100A1037, FC200E1037, FC100C1017

**Pressure Drop of FC100 Filter**



1 WHEN FIRST INSTALLED, PRESSURE DROP INCREASES AS FILTER BECOMES LOADED. REPLACE FILTER WHEN PRESSURE DROP REACHES 0.5 IN. WC. (0.1 kPa).

M14709A

Indoor Air Quality