

This Owner's Manual is provided and hosted by [Appliance Factory Parts](#).



CARRIER P101-2020A Owner's Manual

[Shop genuine replacement parts for CARRIER
P101-2020A](#)



[Find Your CARRIER Air Cleaner Parts - Select From 80 Models](#)

----- Manual continues below -----

TOTALINE®*Signature*

Electronic AIR CLEANERS

INDOOR AIR QUALITY



Totaline® Signature Series Electronic Air Cleaners were designed with the dealer in mind. Their design includes an easy access power supply that can be easily removed to simplify and shorten on-site servicing. Other parts “snap-in” for simplified service as well. Totaline® Signature Series Electronic Air Cleaners have a strong cabinet, reliable power supply, and a very sturdy cell.

Features:

- Built-in internal fuse protects the 24V transformer in the event of a power failure
- Built-in airflow sensor
- Fail-safe connection with built-in air flow sensor eliminates the possibility of incorrect wiring by the service technician
- Permanent, washable, aluminum and stainless steel collecting cells for longer service life
- Increases the efficiency of HVAC systems by keeping cooling coils clean
- Aluminum mesh pre-filter traps large particles such as dirt, lint and pet hair
- An optional charcoal after-filter to reduce common household odors
- Easy to clean cells and pre-filters
- Available in 1400 or 2000 CFM
- Three year limited warranty
- U.L./C.U.L. listed



© Carrier Corporation 04/96 Rev. C 07/04

www.totaline.com

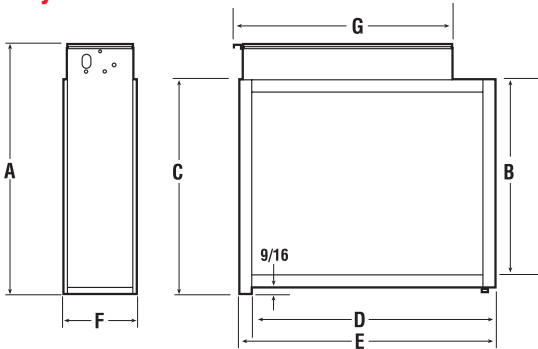
Literature Number 570-990

Electronic Air Cleaners

Specifications and Electrical Requirements:

| SPECIFICATIONS | | | | | ELECTRICAL REQUIREMENT | | | | | |
|----------------|--|-------------------------------|-----------------------|-------------------------------|------------------------|----------|--------------|---------------|--------------|----------------|
| PART NUMBER | MAX CAPACITY | CELL WEIGHT | UNIT WEIGHT | TEMPERATURE RATE | INPUT POWER | | | | OUTPUT POWER | |
| | | | | | INPUT VOLTS | INPUT HZ | NORMAL WATTS | MAXIMUM WATTS | OUTPUT VOLTS | OUTPUT AMPERES |
| P101-1402A | 1400 CFM (2380 m ³ /hr.) | (2) 10 lbs. ea. (4.54 kg.) | 32 lbs. (14.5 kg.) | 32°F (0°C) to 125°F (47°C) | 120 | 50/60 | 48 | 55 | 6.2 kvDC | 2.5 mADC |
| P101-2002A | 2000 CFM (3400 m ³ /hr.) | (2) 12 lbs. ea. (5.44 kg.) | 36 lbs. (16.3 kg.) | 32°F (0°C) to 125°F (47°C) | 120 | 50/60 | 53 | 61 | 6.2 kvDC | 3.2 mADC |
| P101-2020A | 1400 CFM (2380 m ³ /hr.) | (2) 9 lbs. ea. (4.09 kg.) | 35 lbs. (15.9 kg.) | 32°F (0°C) to 125°F (47°C) | 120 | 50/60 | 48 | 55 | 6.2 kvDC | 2.5 mADC |

Physical Dimensions:



| A | B | C | D | E | F | G |
|------------------------------------|-----------------------|------------------------|---------------------|-----------------------|----------------------|------------------------|
| Model P101-1402A Dimensions | | | | | | |
| 20.25 in (514 mm) | 13.875 in (352 mm) | 16.9375 in (430 mm) | 22.5 in (572 mm) | 24.875 in (632 mm) | 7.125 in (181 mm) | 21.4375 in (541 mm) |
| Model P101-2002A Dimensions | | | | | | |
| 24.25 in (616 mm) | 17.875 in (454 mm) | 20.9375 in (532 mm) | 22.5 in (572 mm) | 24.875 in (632 mm) | 7.125 in (181 mm) | 21.4375 in (541 mm) |
| Model P101-2020A Dimensions | | | | | | |
| 24.25 in (616 mm) | 17.875 in (454 mm) | 20.9375 in (532 mm) | 19 in (483 mm) | 21.375 in (543 mm) | 7.125 in (181 mm) | 18.625 in (473 mm) |

Pressure Drop:

| PART NUMBER | 600cfm | 1000cfm | 1400cfm | 2000cfm |
|-------------|--------|---------|---------|---------|
| P101-1402A | .02 | .05 | .11 | n/a |
| P101-2002A | n/a | .04 | .07 | .14 |
| P101-2020A | .02 | .05 | .11 | n/a |

Information Source: Trion Inc.

Totaline® Signature Series Electronic Air Cleaner Effectiveness:

| Airborne Pollutants | Actual Micron Particle Size Range | A Proportionate Particle Size Comparison |
|---------------------|-----------------------------------|--|
| Human Hair | 35-200 microns | |
| Pollen | 10-100 microns | |
| Spores | 10-35 microns | |
| Bacteria | .3-35 microns | |
| Animal Dander | .3-10 microns | |
| Lung Damaging Dust | .5-5 microns | |
| Smoke | .01-1 microns | |

Information Source: American Industrial Hygiene Association

How It Works:

Totaline® Signature Series Electronic Air Cleaners are directly mounted to your home's heating and cooling system.

- The furnace blower moves the dirty air into the Electronic Air Cleaner.
- The prefilter first removes all of the larger particulate matter.
- Smaller particles are then given a powerful positive electrical charge in the charging section.
- These charged particles are then attracted to the oppositely charged grounded plates, where they adhere like a magnet until washed away during cleaning.
- Finally the cleaner air passes through the activated carbon filters for odor removal (optional) and is recirculated back into your home.

Also available:

- Optional charcoal after-filter to reduce household odors.

4-Stage Electronic Air Cleaning

