

# Improve indoor air quality with Skuttle Whole-House HEPA Filtration Systems

## Features

- Multi-stage filtration process
- 2.0" Pre-filter / 1/2" carbon filter
- 2.5" HEPA filter
- Gasketed filter rack
- Thermally insulated cabinet
- Dual speed operation
- Installs on any heating/cooling systems
- Compact installation
- Advanced Push Pull design
- Backward inclined motor blades
- Permanent lubrication of PSC motors
- Ducting Flairs Mounting System
- Modular construction with access door
- Removable electrical power cord
- Door safety switch
- 7 year limited warranty on the motorized impeller
- Can be installed as stand-alone unit

## Benefits

- Improves air quality
- Longer lasting — replace pre-filter every 6 months (perfect for service contracts)
- Lower pressure drop (improved air flow)
- No blow-by
- Advanced Push Pull capable for attic installation
- No condensation, quiet operation
- 200 cfm quiet mode is adequate for average size home.
- 300 cfm for larger homes or accelerated air cleaning.
- Zero restriction in return plenum
- Maximizes space
- Whisper-like operation
- Superior performance
- Maintenance-free steel ball bearings
- Quick and simple to install
- Easy to clean and maintain
- Extra convenience
- Extra safety feature
- Reliable and trouble-free

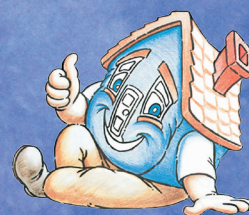
See details on reverse.



Model HP500 Ducting Flairs™ Mounting System



Model HP500 with Optional Collar Mount Kit (CMK500)



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Indoor Air Quality Products

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# Product Quality A Product of Quality Engineering

## High Efficiency Quality Filters

- Optimal performance of your filtration system.
- Carbon Filter captures and neutralizes tobacco smoke and cooking odors.
- Pre-filter captures large particles and provides longer life for your HEPA Filter.
- HEPA Filter uses certified HEPA media only.
- Tested to be 99.97% effective with particles down to 0.3 ppm.
- Filter is sealed, forcing the air passing through the unit to be directed through the HEPA pleated filter, assuring maximum filtration and comfort.

## German Engineered Motorized Impellers

Skuttle uses motors that are particularly advantageous in the construction of the Skuttle HEPA 500. They are compact and the integration of the motor with the impellers permits ideal balancing of the whole unit. Being mounted in the airstream, the motor is continually cooled, allowing for extended lubricant life of the bearings.

- Backward-inclined motor blades for high performance at low consumption
- Permanent lubrication of PSC motors
- Mechanical protection of IP44
- Factory balanced
- High airflow efficiency
- Thermally protected
- Steel ball bearing construction

## Easy Maintenance Modular Construction

Maintaining the Skuttle HEPA Filter is a breeze with this modular construction. The Pre-filter/Carbon Filter and the HEPA Filter are assembled in a sealed modular casing that is designed so the filters can be individually removed for easy maintenance and cleaning. The motor and electrical box are mounted in a galvanized steel module that is easily removable for cleaning purposes.

## Ducting Flairs™ Mounting System

The Skuttle HEPA Plenum Systems are designed for one-person installation. Ducting Flairs™ integrated within the unit installs in 3 easy steps saving time and effort. Simply cut two holes in the return air plenum, align the unit and fold in the Ducting Flairs™ to hold the unit in place. No external ducting is required for the return air plenum mount installation.

## Advanced Push Pull Design Operation System

Skuttle HEPA Systems are manufactured with the Advanced Push Pull Design that offers a double sound barrier. The motor pulls the air through the pleated pre-filter and then pushes it through the carbon and HEPA Filter which acts as double sound attenuator. This process is very quiet and provides better whole home comfort.

## SKU-HP500 Engineering Data

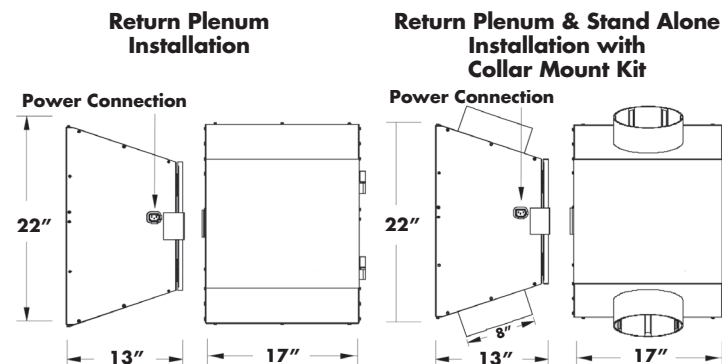
- Size (L x W x H) 13" x 17" x 22"
- Performance 200/300 CFM
- HEPA Filter size (L x W x H) 12" x 16" x 2.5"
- HEPA Filter type: micro-glass
- HEPA Filter life 2 years
- Pre-Filter size (L x W x H) 12" x 16" x 2"
- Pre-Filter type: paper
- Pre-Filter life 6 months
- Carbon Filter size (L x W x H) 12" x 16" x 5/8"
- Carbon Filter type: media pad
- Carbon Filter life 6 months
- Voltage 120 VAC @ 60 Hz
- Amperage 1.5 A
- Power Consumption 112 W Low 140 W High
- Certification: CCSAUS

## Optional Accessory for Model HP500

### CMK500 Collar Mount Kit Includes:

- Two 8 inch plastic collars
- Mounting hardware
- Installation, operation and maintenance manual

## Installation Views



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101 Margaret Street • Marietta, Ohio 45750 • 888.SKUTTLE (v) • 740.373.9565 (f) • customerservice@skuttle.com

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