

NAPOLEON

INDOOR AIR QUALITY

INDOOR AIR QUALITY PRODUCTS
napoleon.com



YOU SHOULD CARE ABOUT THE AIR IN YOUR HOME. WITH NAPOLEON, IT'S SIMPLE.

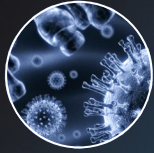
How often do you think about the air in your home? If you have the right HVAC systems installed, you shouldn't have to think about it at all. With Napoleon Indoor Air Quality (IAQ) products, breathing fresh, protected air is a given. Poor air quality indoors can cause headaches, fatigue, sinus congestion, coughing, sneezing, shortness of breath and other symptoms. Paying attention to the quality of air in your home can help reduce viruses, allergens, air pollution and other irritants.

Our IAQ products will provide fresh air while saving energy and managing airborne pathogens. That means you can have more protection against germs, coronaviruses and other unwanted particles. It means you can circulate fresh air in your rooms without opening a window—or increasing your energy costs. But most importantly, it means you can live with the peace of mind that the indoor air you're breathing is at its best. All the time. With Napoleon, it's as simple as that.

ASK FOR CLEAN AIR. ASK FOR NAPOLEON.



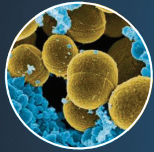
**AIRBORNE
CONTAMINANTS**



**UNWANTED
PARTICLES**



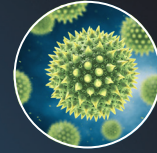
POLLEN



DUST MITES



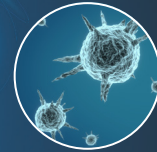
ALLERGENS



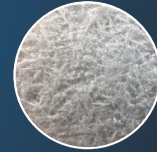
**VIRAL
PATHOGENS**



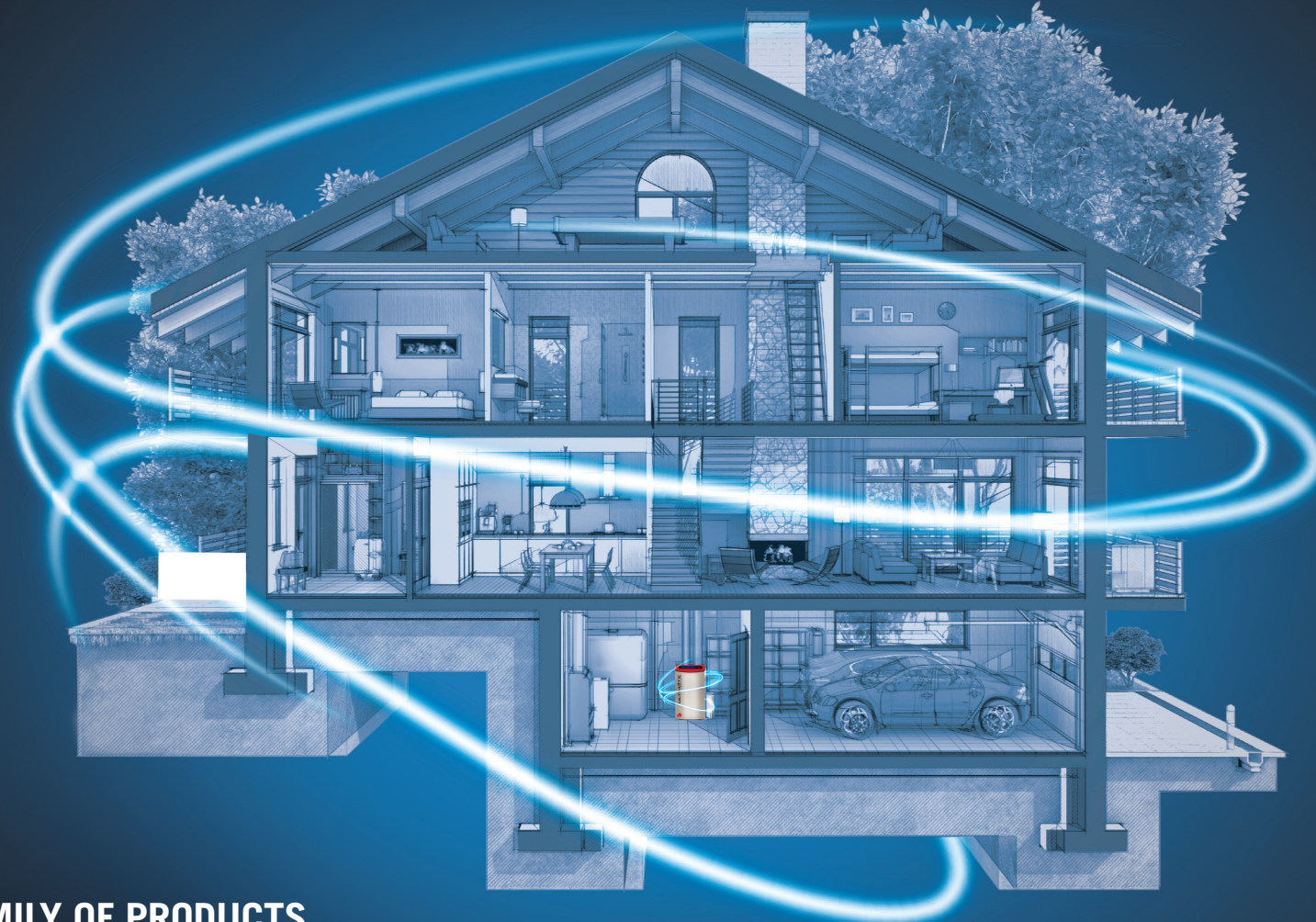
BACTERIA



MOLDS



**UNWANTED
COOKING SMELLS**



**OUR FAMILY OF PRODUCTS.
READY TO PROTECT YOURS.**

Individually, each of our IAQ products has its own advantage for improving indoor air. Used together, they give your home the best possible air quality through disinfecting, circulating and filtering technology. Get to know the **UV-C technology, Heat and Energy Recovery Ventilators** and **MERV 11 Media Filter** on the following pages and how they can fill your home with safer, fresher air.



THINK DIFFERENT. THINK NAPOLEON.

HVAC isn't just about heating and cooling. Let Napoleon's IAQ products takes your air to a fresher, safer level.

3 WAYS TO IMPROVE YOUR INDOOR AIR WITH NAPOLEON

It's simple. You should care about the quality of the air in your home. Napoleon can help, with a trusted line of Indoor Air Quality products ready to stop airborne germs, circulate fresh air and capture unwanted particles. All so you can breathe easier.

1

DISINFECT YOUR HOME'S AIR

UV-C Air Technology System

You sanitize your hands. You sanitize surfaces. So why not sanitize your home's air?

2

CIRCULATE FRESH AIR THROUGHOUT YOUR HOME

Heat and Energy Recovery Ventilators (HRV and ERV)

Freshen the air in your home with our HRV and ERV, it's as easy as opening a window!

3

FILTER RECIRCULATING INDOOR AIR

MERV 11 Media Filter

With Napoleon, capturing unwanted air particles can be easy and cost-efficient.



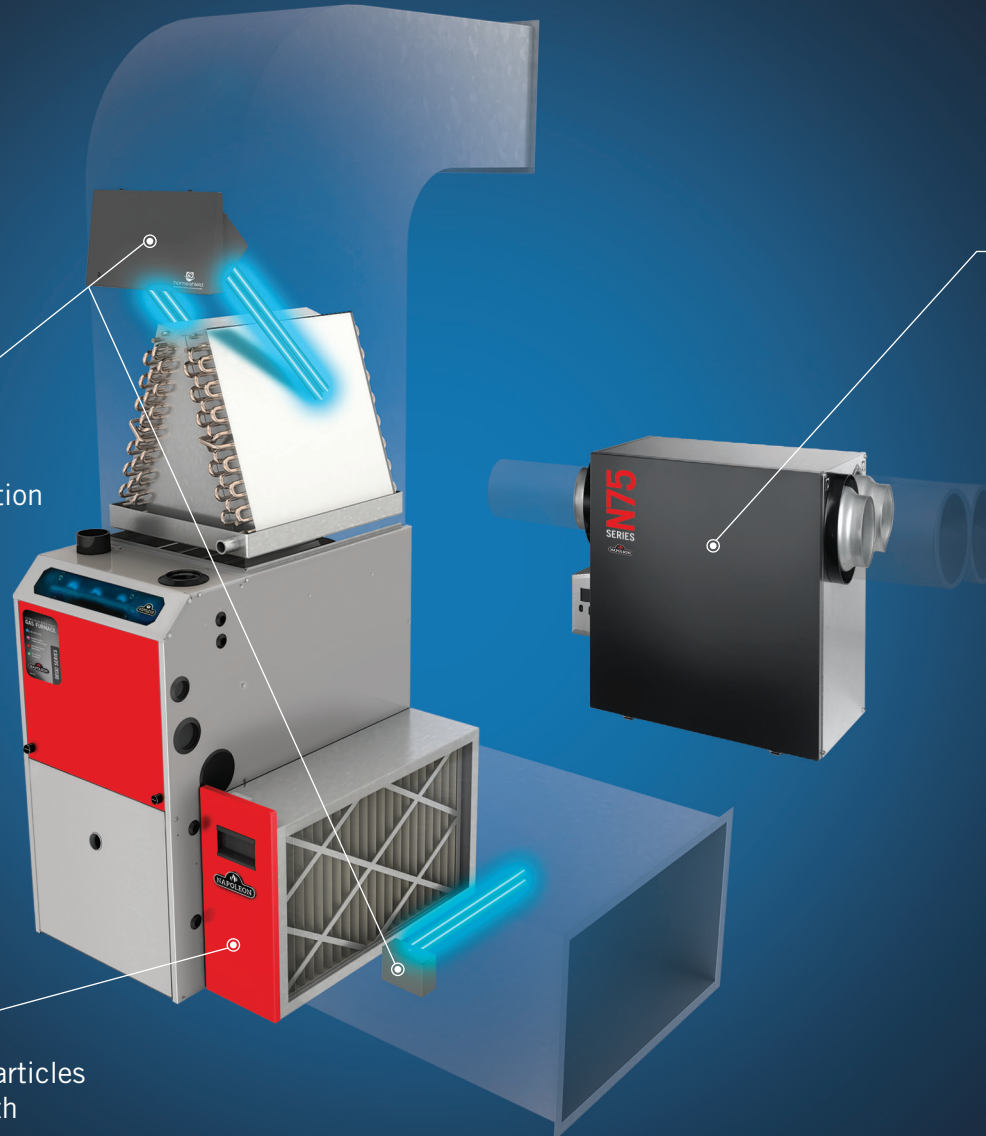
UV-C Air Sanitation System

- Chemical-free disinfection
- Flexible installation configuration
- Medical or standard grade sterilization



MERV 11 Media Filter

- Captures 85% of unwanted particles
- Requires low maintenance with easy-to-change filter
- Extends the life of your HVAC system



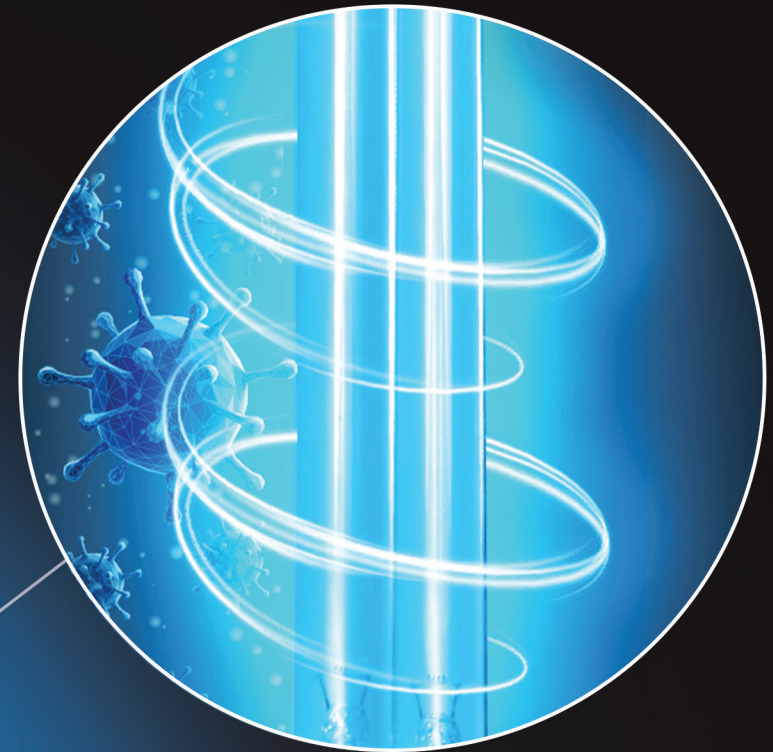
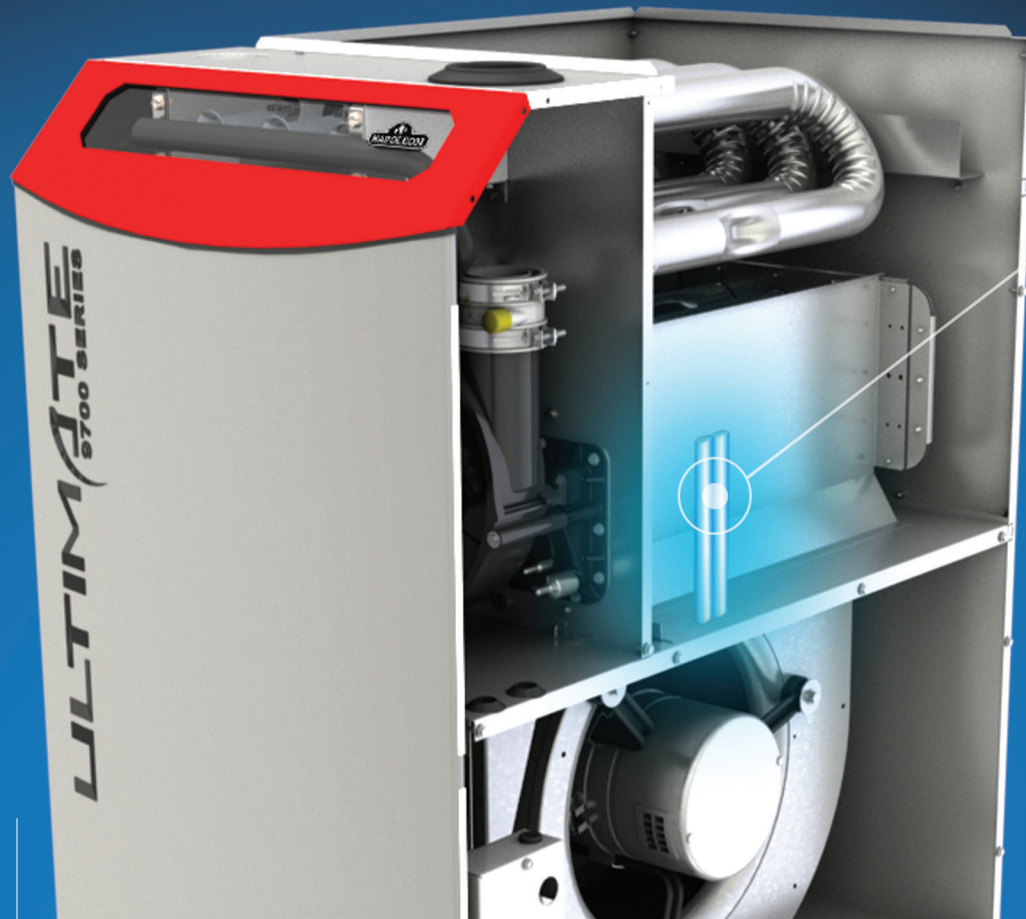
Energy Recovery Ventilators (ERV & HRV)

The ERV (Energy Recovery Ventilator) systems are designed to be connected to the ducts that are part of your HVAC systems. ERV's draw clean, fresh air into a home or office and remove stale air. Along with the transfer of air streams, ERV systems captures contaminants, pollutants, allergens, pollen and more, helping to ensure that the air that enters is clean and healthy.

**AN ENTIRE SYSTEM WORKING TO
IMPROVE YOUR INDOOR AIR QUALITY.
THAT'S NAPOLEON.**

UV-C TECHNOLOGY SYSTEM

Napoleon's UV-C technology is a chemical free method for sanitizing air, using an intense level of UV-C radiation safely sterilizing airborne contaminants like viruses, bacteria, mold and other harmful pathogens. The same method that's used in hospitals, UV-C technology is another defense against threats like the coronavirus and cold & flu season.

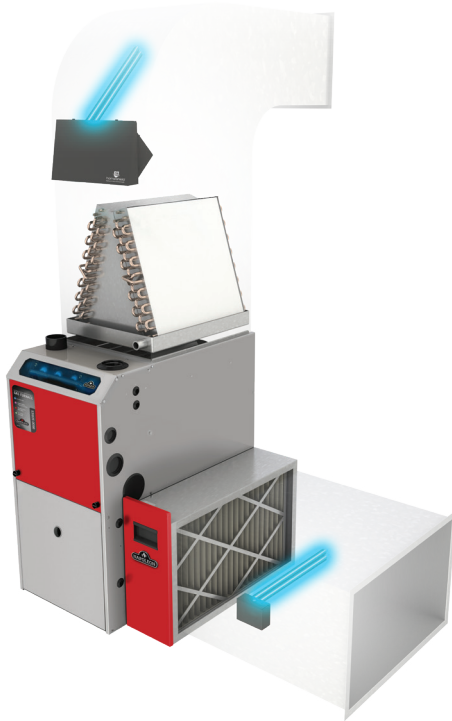


AIRBORNE VIRUSES STOP HERE

We know protecting your home and family is important. Installing a Napoleon furnace with UV-C technology improves your at-home defense, especially during cold and flu seasons, and kills coronaviruses.



THE UV-C TECHNOLOGY OFFERS FLEXIBLE INSTALLATION CONFIGURATIONS, USES PHILIPS UV-C LAMPS AND PROVIDES CHEMICAL-FREE DISINFECTION.



FULL KIT

- Medical Grade 120 Watt High Output - UVHFS120WB
- Standard Grade 36 Watt Output - UVLFS036WB
- Adjustable unit in main module
- Chemical-free disinfection



TWIN KIT

- Medical Grade 120 Watt High Output - UVHMS120WB
- Standard Grade 36 Watt Output - UVLMS036WB
- Adjustable units for multiple configurations
- Chemical-free disinfection



FURNACE KIT

- Standard Grade 18 Watt Output - UVLAS018WB
- Chemical-free disinfection
- This unit is standard in Ultimate 9700 series and is an option kit for the Ultimate 9600 series



ENERGY AND HEAT RECOVERY VENTILATORS

Energy Recovery Ventilators (ERVs) and the Heat Recovery Ventilator (HRV) circulate fresh air from outside throughout your home, without making your furnace work harder. Both are Energy Star Rated and have achieved the efficiency standards set by the government. This means they reduce energy consumption and lower your energy bills.



WHISPER QUIET™
NO LOUDER THAN A WHISPER



WINTER
TEMPERATURE APPROVED

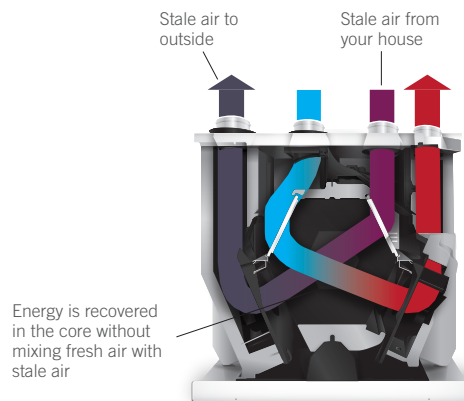


SMART RECOVERY
BEST EFFICIENCY RATINGS
IN THE MARKET

THE ERV SERIES

In addition to circulating fresh air throughout the home, our ERVs also recuperate energy that's trapped in humidity. Should humidity levels outside be undesirable, the ERV will manage those levels as it enters and exits your home. This process greatly improves the overall efficiency of your home and maintains indoor comfort levels throughout the seasons.

ENERGY RECOVERY VENTILATOR NERV75T

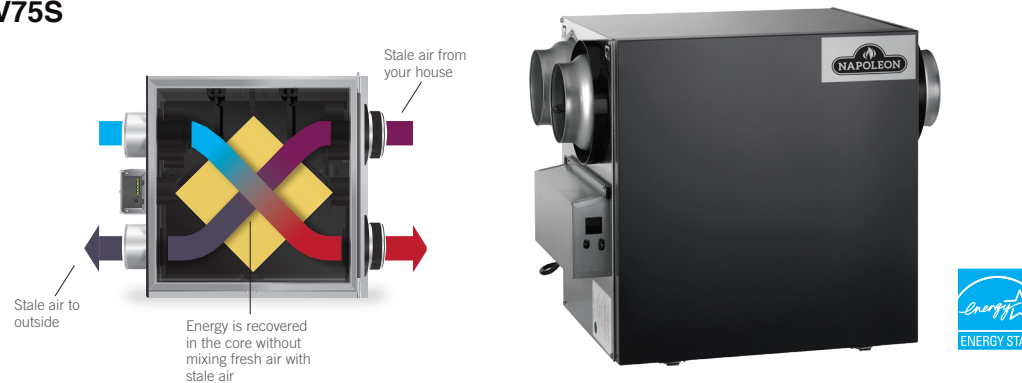


- Self balancing technology
- Select the desired CFM (from 35 to 150 CFM) using the very first integrated LCD screen. The airflow is then set up automatically
- SRE of 75% at 0°C and 60% at -25°C (64 CFM)
- Ports size: 5"
- Integrated "snap-in" drain system installed in seconds with no additional parts (drain hose included)
- Suspended installation (chains included) OR
- Wall-mount installation (universal brackets included) - installation with 2 brackets - installation with 4 brackets
- PMSM ECM motor for energy efficiency
- 6' power cord

THE HRV SERIES

The HRV circulates fresh air throughout the home without impacting energy efficiency. While opening a window might make your furnace work harder, the HRV can bring in fresh air and pre-warm it. That way, your furnace can run more efficiently without increasing your heating bills.

HEAT RECOVERY VENTILATOR NHRV75S



- Energy recovery core with a sensible recovery efficiency of 75% at 0°C / 32°F and -10°C / 14°F
- Pressure taps, balancing dampers and integrated hooks for quick, effective installation
- Magnetic backdraft damper in the fresh air from outside and the exhaust air from building ports
- No drain tubing required
- Reversible for greater installation flexibility
- 6' power cord

REVERSIBLE



The NHRV75S is a reversible compact unit with integrated hook for easier and greater installation flexibility.



ERV / HRV CONTROLS



41100 - TIMER CONTROL 20-40-60

COMPATIBLE WITH: HRV & ERV units

Napoleon's Timer Control can manage settings in 20, 40, and 60 minute intervals.



41104 - AUTOMATIC CONTROL (NHRV75S & NERV75T)

COMPATIBLE WITH: HRV & ERV units

Increase efficiency and comfort in your home by adding this optional Timer Control to your Heat or Recovery Ventilator. It won't look out of place, matching and fitting perfectly with the modern Decora-style cover plates. The LED control lights are easy to read. Simply set a 20, 40, or 60 minute timer for increased home comfort and air quality. Ideal for installation in bathroom, laundry room and workshops.

MERV 11 MEDIA FILTER

Easy to install, maintain and change, Napoleon's MERV 11 Media Filter is a cost-effective way to filter your indoor air. As your home's air cycles through your HVAC system, the filter will capture dust, dirt and other unwanted particles before they recirculate. Not only will you breathe easier, but you'll also extend the life of your HVAC system and help it run more smoothly.

The term 'MERV' refers to the Minimum Efficiency Reporting Value, which measures the performance of the filter. The MERV 11 rating is considered a superior filter for residential applications.

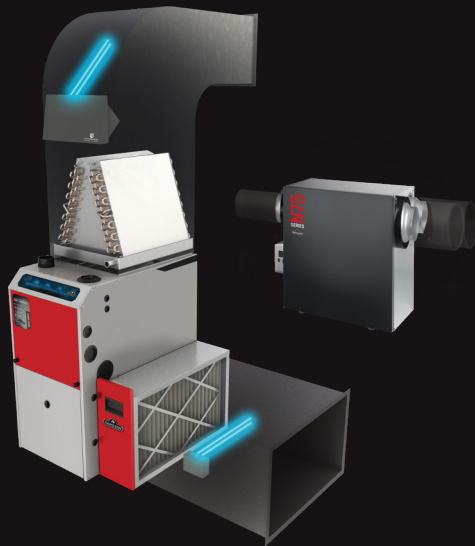
MEDIA FILTERS

- Made with pleated microfiber material to filter the air moving through the HVAC system
- Available in 16" X 25" or 20" X 25"



- High Efficiency MERV 11 Media Filter, rated at 492 feet/minute, removes airborne contaminants down to 0.3 micron
- Filter material is constructed of cellulose-free, continuous hydrophobic polyolefin fibers that don't shred, absorb moisture or sustain mold growth
- Unique filter design features a structured density gradient with an electric charge for higher initial and sustained efficiency over the life of the filter
- Extra deep, 5/14" filter contains more media material than other filters for larger collection area, longer filter life, and lower static pressure

- Filter offers exact fit to the cabinet and does not contain foam sponge, or fiberglass filler to maximize the system's ability to clean the air
- Holes are provided to facilitate mounting to the ductwork or air handling system, mounts in any position with reversible airflow
- User-friendly, easy-to-change filter cartridge means no fussing with complicated combs or brackets
- Heavy gauge galvanized steel cabinet and durable powder coat finish on door resists corrosion
- Filter lasts up to one year in standard applications



GET READY TO BREATHE CLEANER, SAFER AIR.

With Napoleon's line of Indoor Air Quality products, you can be sure the air you're breathing is the safest and cleanest it can be. Contact your authorized Napoleon HVAC specialist today to find out what products best suit your needs.



UV-C CHEMICAL-FREE DISINFECTION

CONTAMINANT	STERILIZATION ENERGY		IN AIR TREATMENT - # OF PASSES REQUIRED FOR D-10 VALUE		COIL IRRADIATION - SECONDS TO 99% STERILIZATION BY DISTANCE TO BULB						
					HIGH OUTPUT 60-120 WATTS MODULES			18-36 WATT MODULE			
					D-10 (-1 LOG)	99%	AVG - 9,800	HIGH - 27,350	1"	4"	8"
VIRUS / BACTERIA / MOLD											
Bacteriophage - E. Coli	2,600	6,600	0.3	0.1	0.03	0.48	1.90	0.1	1.6	6.2	
Infectious Hepatitis	5,800	8,000	0.6	0.2	0.04	0.58	2.31	0.1	1.9	7.5	
Influenza	3,400	6,600	0.3	0.1	0.03	0.48	1.90	0.1	1.6	6.2	
Poliovirus	3,150	6,600	0.3	0.1	0.03	0.48	1.90	0.1	1.6	6.2	
Bacillus Anthracis - Anthrax	24,320	46,200	2.5	0.9	0.21	3.33	13.32	0.7	10.9	43.6	
Bacillus Subtilis	5,800	11,000	0.6	0.2	0.05	0.79	3.17	0.2	2.6	10.4	
Clostridium Tetani	13,000	22,000	1.3	0.5	0.10	1.59	6.34	0.3	5.2	20.8	
Corynebacterium Diphtheriae	3,370	6,510	0.3	0.1	0.03	0.47	1.88	0.1	1.5	6.1	
Ebertelia Typhosa	2,140	4,100	0.2	0.1	0.02	0.30	1.18	0.1	1.0	3.9	
Leptospiracanicola - Infectious Jaundice	3,150	6,000	0.3	0.1	0.03	0.43	1.73	0.1	1.4	5.7	
Mycobaterium Tuberculosis	6,200	10,000	0.6	0.2	0.05	0.72	2.88	0.1	2.4	9.4	
Salmonella Typhimurium	8,000	15,200	0.8	0.3	0.07	1.10	4.38	0.2	3.6	14.3	
Serratia Marcescens	2,420	6,160	0.2	0.1	0.03	0.44	1.78	0.1	1.5	5.8	
Shigella Dysenteriae - Dysentery	2,200	4,200	0.2	0.1	0.02	0.30	1.21	0.1	1.0	4.0	
Shigella Paradysesteriae	1,680	3,400	0.2	0.1	0.02	0.25	0.98	0.1	0.8	3.2	
Spirillum Rubrum	4,400	6,160	0.4	0.2	0.03	0.44	1.78	0.1	1.5	5.8	
Staphylococcus Albus	1,840	5,720	0.2	0.1	0.03	0.41	1.65	0.1	1.3	5.4	
Vibrio Comma - Cholera	3,375	6,500	0.3	0.1	0.03	0.47	1.87	0.1	1.5	6.1	
Aspergillus Flavus	60,000	99,000	6.1	2.2	0.45	7.13	28.54	1.5	23.3	93.4	
Aspergillus Glaucus	44,000	88,000	4.5	1.6	0.40	6.34	25.37	1.3	20.8	83.0	
Aspergillus Niger	132,000	330,000	13.5	4.8	1.49	23.78	95.13	4.9	77.8	311.3	
Mucor Racemosus A	17,000	35,200	1.7	0.6	0.16	2.54	10.15	0.5	8.3	33.2	
Mucor Racemosus B	17,000	35,200	1.7	0.6	0.16	2.54	10.15	0.5	8.3	33.2	
Oospora Lactis	5,000	11,000	0.5	0.2	0.05	0.79	3.17	0.2	2.6	10.4	
Penicillium Expansum	13,000	22,000	1.3	0.5	0.10	1.59	6.34	0.3	5.2	20.8	
Penicillium Roqueforti	13,000	26,400	1.3	0.5	0.12	1.90	7.61	0.4	6.2	24.9	
Penicillium Digitatum	44,000	88,000	4.5	1.6	0.40	6.34	25.37	1.3	20.8	83.0	
Rhisopus Nigricans	111,000	220,000	11.3	4.0	0.99	15.85	63.42	3.2	51.9	207.5	

* All energy values are presented in microwatt seconds per cm squared - air sterilization determines energy absorbed per pass - coil irradiation shows time frame required

NAPOLEON

CELEBRATING OVER 40 YEARS OF HOME COMFORT PRODUCTS



napoleon.com

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Authorized Dealer

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