

NAPOLEON

INDOOR AIR QUALITY SYSTEMS



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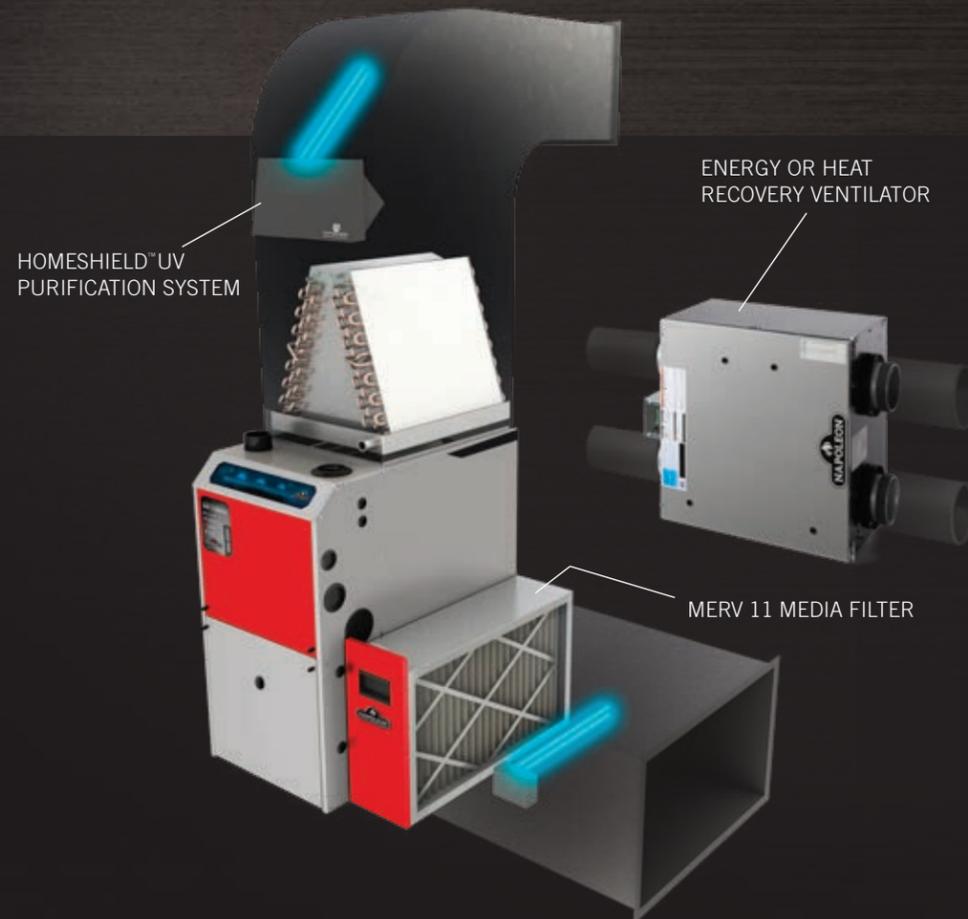


THINK DIFFERENT. THINK NAPOLEON.

Napoleon's Indoor Air Quality products are designed to keep your indoor air quality at its best. It is important to pay attention to your indoor air quality to reduce allergens, air pollution, and other irritants. Poor indoor air quality may cause headaches, fatigue, sinus congestion, coughing, sneezing, shortness of breath, and other symptoms. Your authorized Napoleon HVAC specialist can advise on what products best suit your needs.

Start breathing easier.

That's Napoleon.



AN ENTIRE HOME SYSTEM TO IMPROVE YOUR INDOOR AIR QUALITY

Working with your HVAC system, indoor air quality products will provide fresh air as they save energy and manage airborne pathogens. Heat recovery and energy recovery ventilators (HRV/ERV) efficiently circulate fresh outdoor air into your home without making your HVAC system work overtime.

Media filters collect dust, pollen, and particulates from the indoor air, while HomeShield UV air purifiers sterilize and disinfect the air by killing bacteria and allergens. Napoleon's indoor air quality products create an environment where you can breathe easy.

MERV 11 MEDIA FILTER

The Napoleon MERV 11 Media Filter easily installs on the side of your HVAC system. Media filters are low maintenance, easy to change, and are a cost-effective way to filter your indoor air.

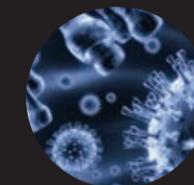
The term 'MERV' refers to the Minimum Efficiency Reporting Value, which measures the performance of the filter. The MERV 11 rating is considered a superior filter for residential applications. As the indoor air cycles through your HVAC system, Napoleon's MERV 11 Media Filter will capture 85% dust, dirt, and other unwanted particles before they can recirculate into your home. In addition to managing indoor air quality, Napoleon's Media Filter will extend the life of your HVAC system and allow it to run more smoothly.



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



REMOVES AIRBORNE CONTAMINANTS



CAPTURES 85% OF UNWANTED PARTICLES



EASY-TO-CHANGE FILTER CARTRIDGE

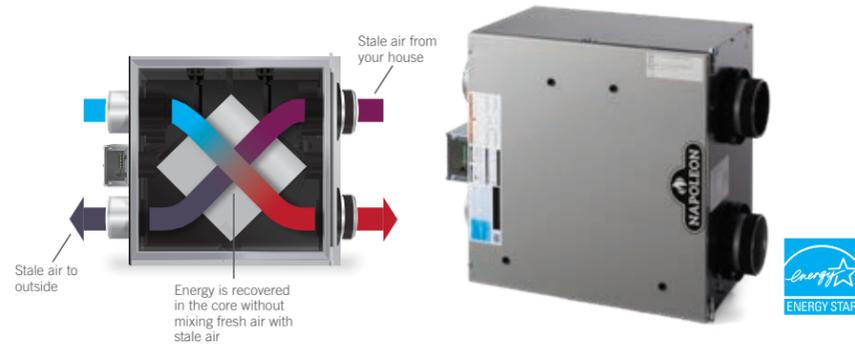
ENERGY RECOVERY VENTILATORS - ERV SERIES

5 YEAR PARTS LIMITED WARRANTY
10 YEAR CORE REPLACEMENT LIMITED WARRANTY

Energy Recovery Ventilators circulate fresh air throughout your home without making your furnace work harder by pre-warming the air ahead of time. Energy Recovery Ventilators also work to recuperate energy that's trapped in humidity - this process greatly improves the overall efficiency of your home. Should humidity levels outside be undesirable, the ERV will manage the humidity level that enters and exits your home maintaining comfort levels throughout the seasons.

Napoleon's Energy Recovery Ventilators are Energy Star Rated which means they achieved the efficiency standards set by the government. This achievement means Napoleon's NHRV65S and NERV2400T reduce energy consumption, lowering your energy bills.

ENERGY RECOVERY VENTILATOR NERV65S



- Energy recovery core with a sensible recovery efficiency of 75% at 0°C and -10°C
- 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
- Reversible for greater installation flexibility
- No drain tubing required
- 6' power cord

ENERGY RECOVERY VENTILATOR NERV2400T



- The NERV2400T is the perfect solution for mid to large size homes in need of the most energy-efficient ventilation solution
- Up to 210 CFM at 0.4 in. w.g.
- High efficiency energy recovery core with a sensible recovery efficiency of 84% at 0°C and 65% at -25°C
- Minimal power consumption of 22W and CFM/Watt of 2.9 at 64 CFM
- German-made ECM motors

HEAT RECOVERY VENTILATOR - HRV

5 YEAR PARTS LIMITED WARRANTY
10 YEAR CORE REPLACEMENT LIMITED WARRANTY

Heat Recovery Ventilators circulate fresh air throughout your home without impacting energy efficiency. This means, rather than opening a window which might trigger your furnace to work harder, an HRV can introduce fresh air while pre-warming it so your furnace can run efficiently - enjoy the benefits of fresh air without increasing your heating bills.

Napoleon's Energy and Heat Recovery Ventilators provide fresh and efficient air with "WHISPER QUIET™" operation to produce the quietest way to invite outdoor air into your home.

HEAT RECOVERY VENTILATOR NHRV65S



- Energy recovery core with a sensible recovery efficiency of 75% at 0°C and -10°C
- 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
- WHISPER QUIET™ operation

REVERSIBLE

The NHRV65S is a reversible compact unit with integrated hook for easier and greater installation flexibility.



ERV / HRV CONTROLS



NHRVDC
 The Napoleon Deco Touch Wall Control is easy to use with only three buttons. Choose the manual modes or the automatic mode for convenience.

COMPATIBLE WITH: HRV Series



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

COMPATIBLE WITH: HRV Series



NERVXTC
 The X-Touch Control is designed to optimize performance and comfort. Napoleon's X-Touch control offers simplified control buttons for ease of use.

COMPATIBLE WITH: ERV Series

Please ask your Napoleon HVAC specialist for more information on how to best set your controls to manage your indoor air quality.



HOMESHIELD™ UV AIR PURIFICATION

1 YEAR PARTS LIMITED WARRANTY

90 DAYS UV LAMPS LIMITED WARRANTY

HomeShield UV Air Purification products use medical-grade Philips UV lamps with flexible installation configurations to purify your home's indoor environment. The ultra-violet light kills unwanted bacteria before it can recirculate into your home. With HomeShield, all integral HVAC system components will perform more efficiently as bacterial and mold build-up is eliminated. HomeShield products are available in medical or standard grade sterilization levels and offer a variety of installation options, so air entering and exiting the HVAC system can easily be filtered.



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	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 Paradysenteriae	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

As the air in your home circulates, it will make multiple passes by the ultraviolet lamps. The more passes, the more effective the sterilization of the indoor air.



FULL KIT

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

TWIN LAMP

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

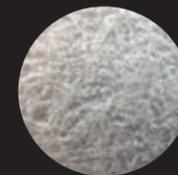
FURNACE LAMP

- Standard Grade 18 Watt Output - UVLAS018WB
- Chemical-free disinfection

PROTECTS AGAINST



DUST MITES



MOLDS



VIRAL PATHOGENS



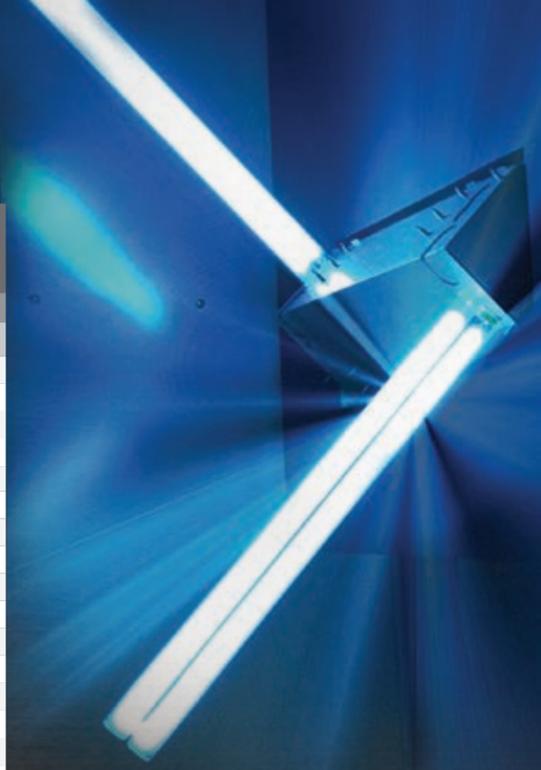
ALLERGENS



BACTERIA



POLLEN



NAPOLEON

CELEBRATING OVER 40 YEARS OF HOME COMFORT PRODUCTS



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