

FEATURES AND SPECIFICATIONS



Freshaire™

Application	Forced air heating and cooling systems
Cabinet dimension	21 1/2" high x 25 3/4" wide x 7 3/4" deep (9 1/4" deep including flanges)
Flange dimension	Inlet 19 3/4" high x 24" wide Outlet 19 3/4" high x 23 1/4" wide, 14 mounting holes
Filter area	78 sq.ft.
Media replacement	Pt. No. NGF-AC12758 replacement media
Air flow capacity	600-2,000 CFM
Resistance (in. water at CFM)	0.03"-600 0.13"-1,400 0.05"-800 0.16"-1,600 0.07"-1000 0.20"-1,800 0.10"-1200 0.24"-2,000
*Dust capacity	135 grams to 0.5" H ₂ O
*Arrestance	97% average
*Dust spot efficiency (@ 800 CFM)	75% average
Testing authority	*At 800 CFM tested by Air Filter Testing Laboratories, Inc. Under ASHRAE STD. 52.1 - 1992



Breatheeze™

Application	Warm air furnace supply or return installation
Unit size	15" wide x 11 1/2" high x 9" deep
Plenum opening	10 1/4" wide x 9 1/2" high, or 9 1/4" wide x 9 1/2" high with adapter plate
2 year manufacturer's limited warranty	Covers defects in materials and workmanship of the product only, labour excluded
Parts included	<ul style="list-style-type: none"> • NGF-1042DM humidifier with damper • Standard humidistat or optional E1 electronic humidistat with probe • 24V stainless steel solenoid valve • Narrow plenum adapter plate • Self tapping saddle valve • Cold water supply kit* • Flexible bypass with collars • Drain hose with clamp • Low voltage wire • Mounting hardware
	<p>The NGF-1042DM comes with all accessories and materials required for a normal cold water installation.</p> <p>*for hot water supply, use 1/4" copper tubing</p>



Consult your owner's manual for complete installation instructions. All specifications are subject to change without prior notice due to on-going product improvements. ©Wolf Steel Ltd.

Authorized Dealer



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INDOOR AIR QUALITY PRODUCTS

Healthy Clean air

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CONTROL HUMIDITY

Warm, humid summer air feels hotter than it actually is because of the moisture it contains. That same principle applies to your home in the winter. By keeping relative humidity inside your home at an ideal level, you can turn your thermostat down a few degrees and still feel comfortable. Dialing down your thermostat just three degrees can reduce your heating bill by as much as 5%.

How much humidity your home needs depends on your home size and construction. See your Napoleon heating and cooling specialist for more details.



Breatheeze™ Humidifier

Breatheeze™ is amongst the most efficient and economical humidifiers on the market. A portion of the heated air from the furnace passes through a water-soaked pad where it absorbs additional moisture and then is distributed throughout your home. Water is metered into a patented trough and dispersed uniformly across the pad. Unevaporated water drains from the bottom of the unit to eliminate mineral build-up. Evaporative capacities range up to 19 GPD (gallons per day).

Features

- Attractive styling, modern design utilizing top quality, non-corrosive, high temperature materials for long lasting life.
- Proper humidification: the standard E1 electronic humidistat control takes the guesswork out of proper settings. The scientifically designed evaporator pad results in high evaporative output and minimal scale accumulation.
- Easy to service thumb screws, allow convenient access to the distribution trough, drain pan and evaporator pad making periodic maintenance quick and easy.
- No moving parts: no motor, fan or pump to wear out or lime up.
- Manual air shutter to close bypass during cooling season.
- High performance: evaporates up to 19.2 gallons per day at industry test conditions, with a metered input rate of 3.5 gallons/hour while in operation.

Humidity requirements in GPD (gallons per day) based on house size and construction type

Type of Construction	Size of House (sq ft)					
	500	1000	1500	2000	2500	3000
Tight	2.1	4.2	6.4	8.5	10.6	12.7
Average	3.3	6.5	9.8	13.1	16.3	19.6
Loose	4.6	9.2	13.8	18.4	23.0	27.6

INDOOR AIR QUALITY

Homes today are built much "tighter" so less fresh air enters and the concentration of pollutants in the air inside the home rises dramatically. Tiny airborne particles occur naturally, infiltrating your living space. Even though they are invisible to the naked eye, billions of tiny particles of dust, smoke, pollen, animal dander and microscopic dust mites, along with noxious fumes, gases & foul odours enter your home. Standard disposable furnace air filters capture only about 5% of the dust and other pollutants circulating in your home and are completely ineffective against noxious fumes and odours. Electrostatic filters remove only about 8-10% of microscopic airborne contaminants.

How does the Freshaire™ high efficiency air cleaner work?

High efficiency air cleaners incorporate a filtering media made from microscopic fibre woven into an intricate web that traps and holds airborne particles of dust, pollen, animal dander etc. Particles as tiny as 0.01 microns are easily captured. High efficiency air cleaners replace standard furnace filters and are commonly installed in the cold air return duct just in front of the blower motor. However, because the Freshaire™ needs no electrical connection, other installation options are available.

The Freshaire™ has 78 square feet of filter area for one of the largest dust holding capacities available among residential air cleaners.

Your Napoleon heating and cooling specialist will help you select exactly the equipment you need to ensure a clean, comfortable home for you and your family.

Freshaire™ Air cleaner



Clean, fresh air year round	Removes dust, pollen, molds, tobacco smoke, grease, soot, bacteria, animal dander, airborne dust mites and other particle contaminant's found in residential environments for indoor air that is virtually free of airborne pollutants and irritants.
High arrestance	Filters out and traps 97% by weight of dust that has particles ranging from .01 micron to 2500 microns in size. The micro fibre media is rated at 75% average efficiency over the test period and actually improves in efficiency as it loads over the useful life of the media.
Large dust holding capacity	The 78 sq.ft. of air cleaner media (nearly the size of a 2-car garage door) provides one of the largest dust holding capacities available in high efficiency air cleaners today.
Low pressure drop	Designed to maintain low pressure drop and avoid interference with proper operation of heating and cooling systems. Handles up to a 5-ton unit (2,000 CFM).
Economical operation	No costly electrical hook-ups, no yearly electrical operating cost. Simply replace the media about once a year.
Problem-free installation	Built-in flanges simplify connection to the furnace and/or duct work transitions.
Easy maintenance	The only maintenance required is changing the filter media about once a year. A media condition indicator gauge is included to let you know when media change is required.