

Modular Air Handler

Performance Plus™ Series



N*AH Series Air Handler/Electric Furnace
N*VS Variable-Speed Air Handler

A home comfort system has two parts: an outdoor unit, such as an air conditioner or heat pump, and an indoor unit. The air handler is the indoor unit that circulates cool air through your home in the summer and warm air in the winter. The indoor and outdoor units are designed to work together. And, when the air handler is properly matched with a heat pump or air conditioner, the result is maximum efficiency and extended system life.

Setting The Performance Standard.™

LUXAIRE®

HEATING ■ AIR CONDITIONING

■ Comfort and Energy Savings All Year Long.

These super quiet and highly efficient air handlers are designed to work as a stand-alone electric furnace or in conjunction with our outdoor air conditioning or heat pump units in residential and commercial applications.

When properly installed, these units will provide heating-only, cooling-only, cooling with electric resistance heat, or year-round heat pump operation.

■ Compact Design.

The compact, sturdy cabinets are protected with a durable, attractive pre-painted steel finish to prevent rust, fading, and corrosion. The air handlers are wrapped in reinforced fiberglass insulation to reduce sound levels and prevent cabinet sweating in high-humidity areas. With units configured for upflow, downflow, and horizontal applications, these units are an ideal fit in tight spaces such as attics, crawlspaces, and closets.

■ Variable-Speed Blower Capabilities.

Through the use of Electronically Commutated Motor (ECM) technology, variable-speed models use up to 50% less electrical energy than conventional blower motors. This technology increases SEER¹ efficiency ratings by up to 1.5 points.

Additional benefits include:

- **Easy Installation.** These fan coil units are designed to provide the lowest total installation cost. Accessible color-coded control wiring, top- and side-power wiring knockouts, easy-to-install drain connections, and electric heaters all combine to minimize the installed cost on every job. The control board is equipped with low-voltage terminal strips for easy installation and also has plug-in receptacles for the auxiliary heaters and line-voltage connections.
- **Wide Variety of Airflow Options.** Blowers are sized to circulate air quietly and efficiently. The direct-drive, 3-speed motors provide a selection of air volume to match any application, from 600 to 2,000 CFM. High, medium, or low motor speeds may be selected via an easy-to-use, quick-connect terminal at the motor. Slide-out blower/motor assemblies provide easy servicing.

■ High Tech Coils.

Using the latest in heat transfer technology, the rifled tube coils are mechanically bonded to lanced aluminum fins to produce excellent heat transfer capability, high performance ratings, and long-lasting quality.

■ Supplemental Electric Heating Options.

Up to 25 kW of heat are available for field installations. All heaters include sequencers and temperature dual limit switches for safe, efficient operation. Circuit breakers are available with all models and required on 15 kW heaters and above. Heaters are available for single- or three-phase operation.

■ Factory Warrantied!

When we build air handlers this good, we stand behind them. All models are backed by a five-year limited warranty on all parts.



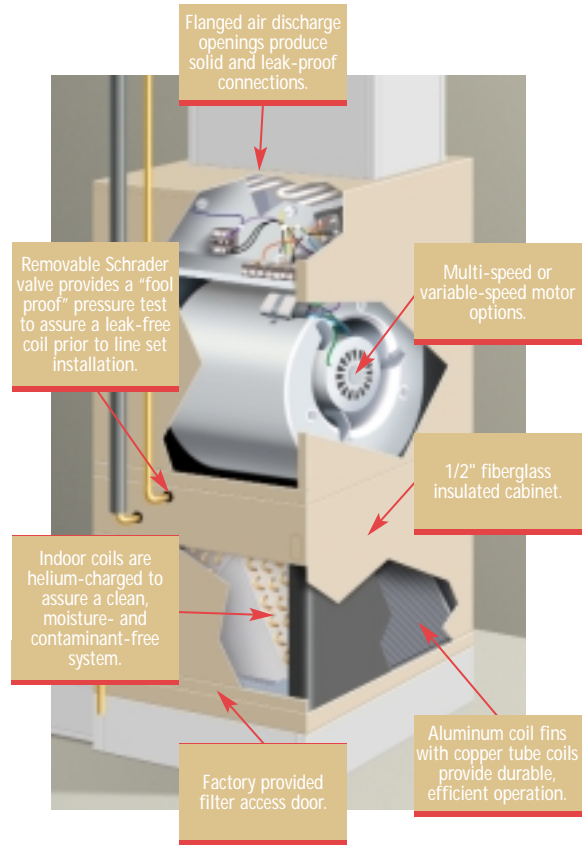
Performance Promise™

Ask your dealer about our Performance Promise™ Extended Protection Plan. You can have complete peace of mind—with total parts-and-labor coverage on your system for up to 10 years.



Complete Buyer Protection

Ask your dealer about Easy Financing from Luxaire. Applying takes just minutes, and upon approval, you'll enjoy low monthly payments, special financing offers, and no annual fee. You can use Luxaire's revolving credit to purchase new Luxaire equipment, accessories, and service. Keep your family in comfort year-round...apply and buy with your new Luxaire credit card today!



MODULAR AIR HANDLER • MULTI-SPEED

Model	Matching Multi-Position Coils	Nominal Capacity (tons)	Nominal CFM	Application	Metering Device	Electric Available (kW)	Dimensions (inches)			Supply Plenum (inches)	Liquid Line (inches)	Suction Line (inches)
							H	W	D			
N*AHB08	G*FD024S(H)17	1-1/2, 2	800	AC & HP	Orifice or TXV	2, 5, 7.5, 10	47-1/4	17-1/2	22	16-1/2 X 10-3/8	3/8	5/8
N*AHB08 N*AHB12	G*FD030S(H)17	2, 2-1/2, 3, 3-1/2	800 1200	AC & HP	Orifice or TXV	2.5, 5, 7.5, 10, 15, 19	47-1/4	17-1/2	22	16-1/2 X 10-3/8	3/8	5/8
N*AHC16	G*FD042S(H)21	3, 3-1/2, 4	1600	AC & HP	Orifice or TXV	5, 7.5, 10, 15	47-1/4	21	22	20-1/2 X 10-3/8	3/8	3/4
N*AHD14	G*FD048S(H)24	3-1/2, 4	1400	AC & HP	Orifice or TXV	5, 7.5, 10, 15	52-1/4	24-1/2	22	22-1/2 X 10-3/8	3/8	7/8
N*AHD20	G*FD060S(H)24	5	2000	AC & HP	Orifice or TXV	5, 7.5, 15, 25, 30	52-1/4	24-1/2	22	22-1/2 X 10-3/8	3/8	7/8

MODULAR AIR HANDLER • VARIABLE-SPEED

N*VSB12	G*FD024S(H)17	1-1/2, 2, 2-1/2, 3	1200	AC & HP	Orifice or TXV	5, 7.5, 10, 15, 19	47-1/4	17-1/2	22	16-1/2 X 10-3/8	3/8	5/8
N*AHC16	G*FD042S(H)21	3, 3-1/2, 4	1600	AC & HP	Orifice or TXV	5, 7.5, 10, 15	47-1/4	21	22	20 X 10-3/8	3/8	4/4
N*AHD20	G*FD048S(H)24	3-1/2, 4, 5	2000	AC & HP	Orifice or TXV	7.5, 10, 15, 25, 30	52-1/4	24-1/2	22	22-1/2 X 10-3/8	3/8	7/8

* Generation indicator.

¹ The Federal Government has established SEER (Seasonal Energy Efficiency Ratio) standards to allow you to compare energy efficiencies of heating and air conditioning equipment. The higher the SEER number, the more efficient the product.

Setting The Performance Standard.

LUXAIRE
HEATING • AIR CONDITIONING

Unitary Products Group
5005 York Drive, Norman, OK 73069
www.luxaire.com

036-33087-001 (0402)

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