

# Climasure™ Series Air Handlers

*Single-Piece and Modular Models*



*Setting The Performance Standard™*

**LUXAIRE®**  
HEATING ■ AIR CONDITIONING

# Climasure™ Series Air Handlers

## Single-Piece Models



### Air Handlers and Coils: Why You Need Them.

An air handler is a vital piece of your comfort system. Your system has two parts—the outdoor unit and the indoor unit. The air handler is the indoor unit that is responsible for circulating air throughout your home. Inside the air handler are a fan and an evaporator coil. When these two components are properly matched, you'll enjoy money-saving efficiency, improved comfort, and years of trouble-free service.



#### ■ Packed with Features in a Single Piece.

Climasure Single-piece models include both a blower and an evaporator coil in one compact cabinet so you don't feel cramped for space. It's packed with features that make a difference in how you feel:

- Get maximum efficiency with our advanced refrigerant metering device—the thermostatic expansion valve (TXV)
- Save more energy with a 3-speed, direct-drive blower
- Feel environmentally friendly with optional R-410A refrigerant
- Enjoy quiet motor ramp-up and ramp-down that eliminate harsh stops and starts
- Extend service life with pre-painted steel cabinet featuring full insulation to prevent condensation and corrosion

*AHP Series Upflow or Multi-position Air Handler  
SHP Series Upflow Air Handler*

# Modular Models

## ■ Designed to Fit Varying Needs.

Climasure Modular air handlers can match all kinds of comfort needs with two types of configurations. MV models come with variable-speed motors to supply the exact amount of conditioned air you need—no more, no less. MA models offer direct-drive, 3-speed blower motors to offer your application an economical solution.

- With an Electronically Commutated Motor (ECM), an MV model offers better humidity control, efficiency, and indoor air quality by circulating air more evenly and 24 times more quietly than a single-speed design
- An MA model lets you match your comfort requirements very closely by offering low, medium, and high settings
- Both models feature pre-painted steel cabinets with full insulation to prevent condensation and corrosion to extend service life



*MV Series Variable-speed Modular Air Handler*

*MA Series Multi-speed Modular Air Handler*



## Coils You Can Count On.

Because evaporator coils are an integral part of every air handler, we offer a wide range to match your particular system. Engineered for outstanding durability and exceptional heat transfer, these high-quality coils deliver the comfort you deserve.

- Environmentally friendly R-410A and proven R-22 refrigerants are available in select coils
- Positive-sloped drain pans eliminate standing water that could breed germs
- Optional thermostatic expansion valve (TXV) provides optimum coil performance

■ **Climasure: Part of a Total Luxaire Comfort System.**

The Climasure family of furnaces, heat pumps and air conditioners are designed to deliver the best efficiency, the quietest operation, and the easiest serviceability.



Climasure air conditioners offer up to 14+ SEER energy efficiency. And with advanced sound-dampening technology and scroll compressors, our air conditioners and heat pumps are far quieter and more efficient than standard models. You can count on Luxaire to provide the fans, filters and advanced controls to complete your system. Luxaire total comfort also includes a full complement of indoor air quality products.

■ **Exceptional Warranties for More Peace Of Mind.**

When we build air handlers this good, we stand behind them. All models are backed by a 10-year limited warranty on parts (must be installed after May 1, 2009, and registered online within 90 days of installation—otherwise the parts warranty reverts to a 5-year limited parts warranty).



■ **Your Purchase Helps Support the Make-A-Wish Foundation®**

As part of our commitment to the communities we serve, a portion of your Luxaire purchase goes to your local Make-A-Wish® chapter. Together we're helping to make wishes come true for kids with life-threatening medical conditions in your community.



**Climasure™ Air Handlers**

Model	Nominal Refrigerant/ Capacity (tons)	Metering Device	Dimensions (inches)			Filter (inches)
			Height	Width	Depth	
<b>Climasure™ Single-piece (AHP, SHP)</b>						
AHP18B	1.5	Flex or TXV	46	17-1/2	21-1/2	16 x 20
AHP24B	2	Flex or TXV	46	17-1/2	21-1/2	16 x 20
AHP30B	2.5	Flex or TXV	46	17-1/2	21-1/2	16 x 20
AHP36C	3	Flex or TXV	52	21	21-1/2	20 x 20
AHP42C	3.5	Flex or TXV	52	21	21-1/2	20 x 20
AHP48D	4	Flex or TXV	57	24-1/2	21-1/2	22 x 20
AHP60D	5	Flex or TXV	57	24-1/2	21-1/2	22 x 20
SHP48D*	4	Flex or TXV	52	24-1/2	21-1/2	22 x 20
SHP60D*	5	Flex or TXV	52	24-1/2	21-1/2	22 x 20
<b>Climasure™ Multi-speed Modular (MA)</b>						
MA08B	2	—	25	17-1/2	21-1/2	16 x 20
MA12B	3	—	25	17-1/2	21-1/2	16 x 20
MA14D	3.5	—	25	24-1/2	21-1/2	24 x 20
MA16C	4	—	25	21	21-1/2	20 x 20
MA20D	5	—	25	24-1/2	21-1/2	24 x 20
<b>Climasure™ Variable-speed Modular (MV)</b>						
MV12B	3	—	25	17-1/2	21-1/2	16 x 20
MV12D	3	—	25	24-1/2	21-1/2	24 x 20
MV16C	4	—	25	21	21-1/2	20 x 20
MV20D	5	—	25	24-1/2	21-1/2	24 x 20

\* Covered by 5-year limited parts warranty only.

■ **Visit Our Website.**



Learn how Luxaire products can improve your home comfort at [www.luxaire.com](http://www.luxaire.com). Our website is the perfect place to get acquainted with our wide range of products.

**Extended Warranty**

Ask your dealer about our extended protection plan. You can have complete peace of mind—with additional parts-and-labor coverage on your system.



**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!



Setting The Performance Standard™



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