

# Air Handlers

## Single-Piece and Modular Models



**FRASER-JOHNSTON**  
Heating ■ Air Conditioning

# Air Handlers

## Single-Piece Models



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

Air handlers are a vital piece of your home comfort system. The system has two parts—the outdoor unit and the indoor unit. The air handler, which consists of a fan and an evaporator coil, is the indoor section that is responsible for circulating air throughout your home. When the outdoor and indoor 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.

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 optional advanced refrigerant metering device—the thermostatic expansion valve (TXV)
- Save more energy with an energy-efficient, direct-drive blower
- Compatible with most refrigerants, including environmentally-friendly R-410A refrigerant
- AVG and AHV models use a variable-speed ECM motor that provides quiet motor ramp-up and ramp-down and eliminates harsh stops and starts
- Extend service life with the pre-painted steel cabinet featuring full insulation to prevent condensation and corrosion



*AHV model shown*

# Modular Models

## ■ Designed to Fit Varying Needs.

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. MX and MA models come with direct-drive, multi-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
- MX models use high-efficiency, 5-speed, brushless DC motors for circulating the air through the home
- MA models let you match your comfort requirements very closely by offering low, medium, and high settings
- All models feature pre-painted steel cabinets with full insulation to prevent condensation and corrosion to extend service life



*MV, MX and MA models shown*



## 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.

- Compatible with R-22 and environmentally-friendly R-410A refrigerants.
- Positive-sloped drain pans eliminate standing water that could breed germs
- Optional thermostatic expansion valve (TXV) provides optimum coil performance

## ■ Part of a Total Comfort System.

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

Fraser-Johnston air conditioners and heat pumps offer up to 18 SEER energy efficiency. And with advanced sound-dampening technology and reliable compressors, our air conditioners and heat pumps are far quieter and more efficient than standard models. You can count on Fraser-Johnston to provide the fans, filters and advanced controls to complete your system.



## ■ Exceptional Warranties.

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 registered online within 90 days of installation—otherwise the parts warranty reverts to a 5-year limited parts warranty).



### Extended Warranty

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

AIR HANDLERS						
Model	Nominal Capacity (tons)	Refrigerant/Metering Device	Dimensions (inches)			Filter (inches)
			Height	Width	Depth	
<b>VARIABLE-SPEED (AVG)</b>						
AVG24B	2.0	Flex or TXV	46	17-1/2	22-1/2	16 x 20
AVG36C	3.0	Flex or TXV	52	21	22-1/2	20 X 20
AVG48D	4.0	Flex or TXV	57	24-1/2	22-1/2	22 x 20
AVG60D	5.0	Flex or TXV	57	24-1/2	22-1/2	22 x 20
<b>VARIABLE-SPEED (AHV)</b>						
AHV18B	1.5	Flex or TXV	46	17-1/2	21-1/2	16 x 20
AHV24B	2	Flex or TXV	46	17-1/2	21-1/2	16 x 20
AHV30B	2.5	Flex or TXV	46	17-1/2	21-1/2	16 x 20
AHV36C	3	Flex or TXV	52	21	21-1/2	20 x 20
AHV42D	3.5	Flex or TXV	57	24-1/2	21-1/2	22 x 20
AHV48D	4	Flex or TXV	57	24-1/2	21-1/2	22 x 20
AHV60D	5	Flex or TXV	57	24-1/2	21-1/2	22 x 20
<b>VARIABLE-SPEED MODULAR (MV)</b>						
MV12B	3.0	—	25	17-1/2	21-1/2	16 x 20
MV12D	3.0	—	25	24-1/2	21-1/2	24 X 20
MV16C	4.0	—	25	21	21-1/2	20 x 20
MV20D	5.0	—	25	24-1/2	21-1/2	24 X 20
<b>MULTI-SPEED MODULAR (MX, MA)</b>						
MX12B	3.0	—	25	17-1/2	16-1/2	16 x 20
MX12D	3.0	—	25	24-1/2	23-1/2	24 x 20
MX16C	4.0	—	25	21	20	20 x 20
MX20D	5.0	—	25	24-1/2	23-1/2	24 x 20
MA08B	2.0	Flex or TXV	25	17-1/2	21-1/2	16 x 20
MA12B	3.0	Flex or TXV	25	17-1/2	21-1/2	16 x 20
MA14D	3.5	Flex or TXV	25	24-1/2	21-1/2	24 X 20
MA16C	4.0	Flex or TXV	25	21	21-1/2	20 X 20
MA20D	5.0	Flex or TXV	25	24-1/2	21-1/2	24 x 20

AIR HANDLERS						
Model	Nominal Capacity (tons)	Refrigerant/Metering Device	Dimensions (inches)			Filter (inches)
			Height	Width	Depth	
<b>SINGLE-PIECE (AHR, AHE, AHX)</b>						
AHR18B3XH21	1.5	Flex or TXV	46	17-1/2	21-1/2	16 x 20
AHR24B3XH21	2.0	Flex or TXV	46	17-1/2	21-1/2	16 x 20
AHR30B3XH21	2.5	Flex or TXV	46	17-1/2	21-1/2	16 x 20
AHR36B3XH21	3.0	Flex or TXV	46	17-1/2	21-1/2	16 x 20
AHR42C3XH21	3.5	Flex or TXV	52	21	21-1/2	20 x 20
AHR48D3XH21	4.0	Flex or TXV	57	24-1/2	21-1/2	22 x 20
AHR60D3XH21	5.0	Flex or TXV	57	24-1/2	21-1/2	22 x 20
AHE18B3XH21	1.5	Flex or TXV	46	17-1/2	21-1/2	16 x 20
AHE24B3XH21	2.0	Flex or TXV	46	17-1/2	21-1/2	16 x 20
AHE30B3XH21	2.5	Flex or TXV	46	17-1/2	21-1/2	16 x 20
AHE36C3XH21	3.0	Flex or TXV	52	21	21-1/2	20 x 20
AHE42D3XH21	3.5	Flex or TXV	57	24-1/2	21-1/2	22 x 20
AHE48D3XH21	4.0	Flex or TXV	57	24-1/2	21-1/2	22 x 20
AHE60D3XH21	5.0	Flex or TXV	57	24-1/2	21-1/2	22 x 20
AHX61D4PH21	5.0	Flex or TXV	57	24-1/2	21-1/2	20 x 20
AHX61D4PI21	5.0	Flex or TXV	57	24-1/2	21-1/2	20 x 20



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**FRASER-JOHNSTON**  
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