

80%
A F U E

XS 80 **Gas Furnace**



Generations of Americans have counted on Arcoaire® Air Conditioning & Heating for home comfort. The Arcoaire XS 80 continues to build on that heritage. Hands-on engineering expertise combined with the latest advances in heating technology give this furnace a high rating for both efficiency and durability to assure you of long-term satisfaction.

Topline features

- **80% AFUE¹ rating for energy savings**
- **Aluminized steel heat exchanger with weld-free interlocking clamshell design provides resistance to corrosion as well as cracking and separating**
- **Sturdy steel cabinet with thermal lining and insulation as well as a sealed blower compartment and soft-mount components promote quiet operation**
- **Advanced ignition system offers multiple advantages in dependability, durability, and safety**

¹AFUE stands for Annual Fuel Utilization Efficiency.

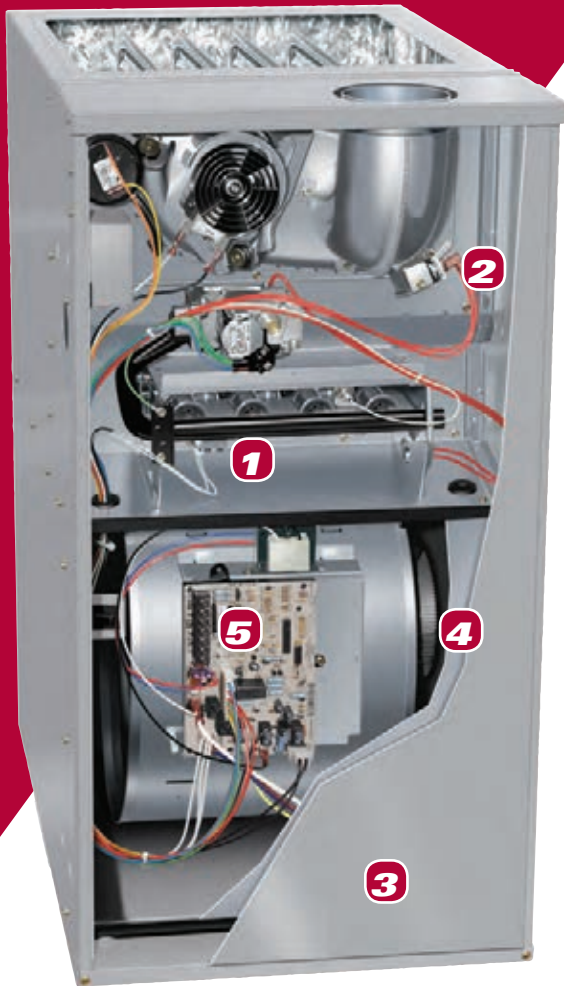


XS 80

1 year **NO** hassle
REPLACEMENT™
LIMITED WARRANTY
see warranty certificate for details

20 year **heat** exchanger
limited warranty

10 year **parts**
limited warranty
Action required.
Please see warranty certificate for details.



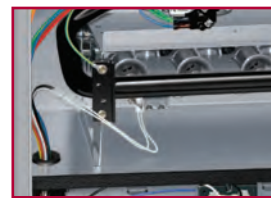
Heat exchanger designed for reliability

The heart of every system is the heat exchanger. The proven RPJ® (Rigid Press Joint) heat exchanger is designed to force more heat to the outside surface for higher efficiencies, and it's constructed of tough corrosion-resistant aluminized steel. The weld-free interlocking clamshell design reduces cracking or separating over the life of the gas furnace. And you can count on energy savings with an 80% AFUE[†] rating.

[†]AFUE stands for Annual Fuel Utilization Efficiency.

Quality inside and out

- 1 Reliable** Direct Hot Surface Ignition System features an advanced silicon nitride igniter and in-shot burners for greater reliability.
- 2 Safe** Temperature limit control, reliable gas valve and induced draft motor plus a patented draft safety switch that shuts off the furnace if a vent blockage is detected.
- 3 Quiet** Solid pre-painted steel insulated cabinet with tight-fit door latch system, blower motor isolated behind a sealed door, and soft-mount rubber gaskets on key components lower operating sounds.
- 4 Efficiency** ECM blower motor provides efficiency; the XS 80 also offers two-stage cooling and dehumidification to reduce moisture in the air.
- 5 System Control** State-of-the-art electronic controls monitor system operation and allow for faster, easier system diagnostics.



Direct Hot Surface Ignition System



Temperature Limit Control



Insulated Cabinet



ECM Blower Motor



Electronic Controls



Arcoaire® XS 80 Gas Furnace

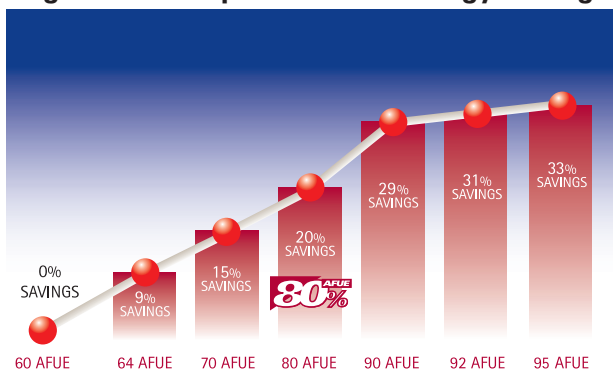
Enjoy efficient, quiet performance

The reason for the reliability of the Arcoaire® XS 80 Gas Furnace is the combination of craftsmanship and quality. Features include an advanced ignition system that provides reliable operation. Everything in the XS 80 is designed to minimize operating sounds, including a thermal lining and a sealed circulation blower motor compartment that help keep operating sounds inside the cabinet. The ECM blower motor can also give you an increase in cooling efficiency that can translate to an increased SEER¹ rating when your outdoor condenser is properly matched to the indoor coil.*

*SEER stands for Seasonal Energy Efficiency Ratio.

*See AHRI for details on high-efficiency cooling matches.

Higher AFUE Equals Greater Energy Savings



Percentage based on national averages; may vary according to efficiency of current unit and installation.

Get worry-free warranties

Every unit is backed by exceptional warranties, including our No Hassle Replacement™ limited warranty*, which gives you a replacement unit if the heat exchanger should fail within the first year. You also get up to a 10 year[§] parts limited warranty* and a 20 year limited warranty* on the heat exchanger. And don't forget to ask your dealer about HELP® extended service agreements for additional worry-free protection.

*See published warranty for complete details. To learn more about all of these limited warranties, including the No Hassle Replacement limited warranty, go to Arcoaire.com.

§Subject to conditions. Ten year warranty requires timely registration. See detailed additional information on back page and Warranty Certificate at Arcoaire.com for complete details.

1 year
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20 year
heat
exchanger
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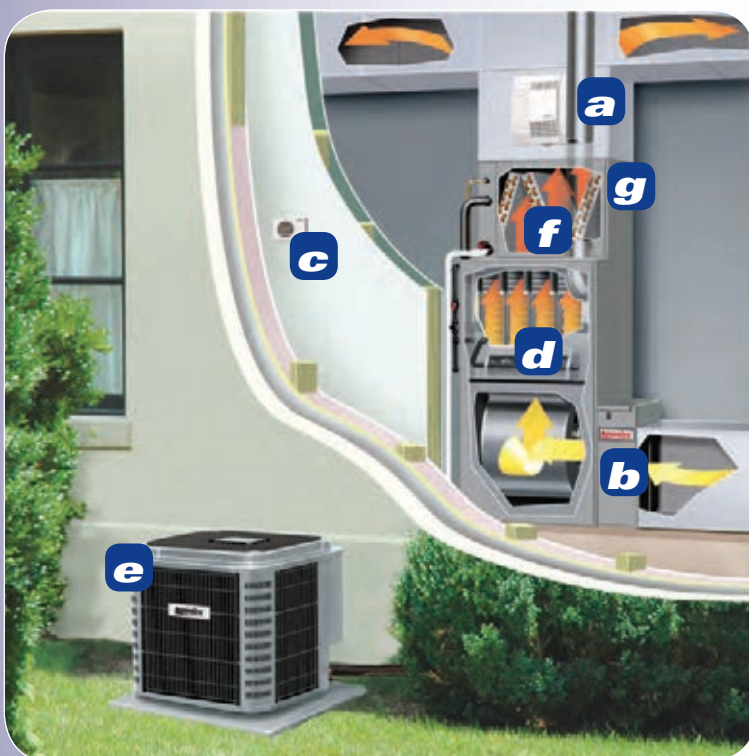
10 year
parts
limited
warranty
Action required.
Please see warranty certificate for details.

HELP
HOMEOWNER'S EXTENDED LABOR PROGRAM

All-season comfort

Arcoaire Air Conditioning & Heating recommends a complete integrated system to maximize comfort and efficiency.

- Humidifier** enhances comfort by reducing dryness in the air.
- Air Cleaner** filters out many indoor air pollutants so the air in your home is cleaner.
- Set-Back Thermostat** allows you to customize heating and cooling levels and also save energy.
- Furnace** is designed for maximum comfort and high efficiency and built rugged for years of operation.
- Air Conditioner** keeps your home cool and comfortable while saving on energy.
- Evaporator/Indoor Coil** matches your Arcoaire air conditioner and furnace to ensure great performance.
- UV Lights** help prevent the growth of microbes on the coils. (Not available on all models.)



Arcoaire Gas Furnace Comparison	MAINLINE MODELS							
	XS 80	IIS 80	VS 80	DLX 90	DLX 95	IIS 90	VS 90	VS 95
MODEL SERIES	F8MX	F8MT	F8MV	H9MPD	H9MPX	H9MPT	H9MPV	H9MVX
ENERGY SAVINGS AFUE RATING*	80%	80%	80%	92%	95%	92%	92%	95%
HEAT EXCHANGER WARRANTY [†]	20YR	20YR	20YR	LIFE TIME	LIFE TIME	LIFE TIME	LIFE TIME	LIFE TIME
NO HASSLE REPLACEMENT™ Limited Warranty	1YR	5YR	10YR	1YR	1YR	5YR	10YR	10YR
PARTS WARRANTY [†]	10YR	10YR	10YR	10YR	10YR	10YR	10YR	10YR
TWO-STAGE OPERATION Self-adjusting heat modes	●	●	●	●	●	●	●	●
TWO-STAGE COOLING Compatible	●	●	●	●	●	●	●	●
DEHUMIDIFICATION	●	●	●	●	●	●	●	●
STAINLESS STEEL RPJ [®] III Weld-Free Heat Exchanger	●	●	●	●	●	●	●	●
ALUMINIZED STEEL RPJ [®] Weld-Free Heat Exchanger	●	●	●	●	●	●	●	●
VARIABLE-SPEED HIGH EFFICIENCY ECM Circulation Blower Motor	●	●	●	●	●	●	●	●
HIGH EFFICIENCY ECM Circulation Blower Motor	●	●	●	●	●	●	●	●
STANDARD PSC Circulation Blower Motor	●	●	●	●	●	●	●	●
INSULATED BLOWER COMPARTMENT	●	●	●	●	●	●	●	●
CABINET HEIGHT	33 ¹ / ₃ "	33 ¹ / ₃ "	33 ¹ / ₃ "	40"	40"	40"	40"	40"
LOW NOX Available	●	●	●	●	●	●	●	●
DUAL FUEL COMPATIBLE with Dual Fuel Thermostat	●	●	●	●	●	●	●	●

[†]Many models earn the ENERGY STAR[®]. Ask your contractor for details or visit www.energystar.gov.

*AFUE stands for Annual Fuel Utilization Efficiency. Higher number = Greater efficiency.

[†]This Arcoaire product carries a ten (10) year limited warranty on parts, including compressor and coils, to original homeowner if installed in an owner-occupied, single-family residence and properly registered within ninety (90) days after original installation. Otherwise, the parts warranty period is five (5) years from the date of installation. Heat exchangers may carry longer limited warranty coverage that applies to original homeowners with timely registration. (See Warranty Certificate for registration instructions. Registration not required in all jurisdictions.)

All systems tested and listed by the appropriate agencies.



ISO 9001:
2000 Registered



Enduring Performance

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