

Luxaire® Residential products







For over 140 years, Luxaire® heating and air conditioning products have been trusted in the world's most prestigious buildings. That same commitment to strength, durability and innovation can be found in every residential unit we build. We are raising the bar on the quality of design, engineering and assembly to ensure our Luxaire home comfort products deliver performance, efficiency and reliability you can trust. With a complete line of Luxaire products to choose from, there is a system perfectly suited to provide optimal comfort, exceptional energy savings and lasting performance for every family.

LUXAIRE®
HEATING ■ AIR CONDITIONING






Split system air conditioners

| Upfront Unit Cost | \$ | | | | \$\$\$ | |
|---------------------|---|---|------------------------------|--|--|--|
| Model(s)* | TCE2 (Southern US); TCD2 (Northern US and Canada) | TCF2  | HMCG2 (Side discharge) | AL19 (Acclimate) | AL21 (Acclimate) | |
| Tonnage Range | 1.5-5 Tons | 1.5-5 Tons | 2.5 Tons | 2-5 Tons | | |
| Efficiency | 13.4 SEER2 TCD2 14.3 SEER2 TCE2 | Up to 17.5 SEER2  | Up to 18.5 SEER2 | Up to 18.25 SEER2  | Up to 20 SEER2  | |
| Compressor Types | Single-stage | Single-stage (1.5-3 Tons) Two-stage (3.5-5 Tons) | Modulating compressor | Two-stage | Variable capacity | |
| Thermostat | Conventional | | | Conventional and communicating | | |
| Comfort Technology | | | | Fine-tuning technology aligns with premium indoor units for enhanced humidity control. Easy-to-read digital LCD display for efficient diagnosis and servicing. Integrated refrigerant charge monitoring for simple installations | | |
| Additional Features | MicroChannel coil | | | Tube-in-fin coil | | |
| Sound | As low as 73 dBA | As low as 73 dBA | As low as 54 dBA | As low as 68 dBA | As low as 68 dBA | |
| Warranties† | 10-Year Compressor Limited Warranty | | | Lifetime Compressor Limited Warranty | | |
| | 10-Year Parts Limited Warranty | | | | | |

* Single- and three-phase models available
† For full warranty information, see back cover



Split system heat pumps

| Upfront Unit Cost | \$ | | \$\$\$\$ | | |
|-----------------------|--|---|--|--|------------------------|
| Model(s)* | THE2 | THF2 | HMH7 | HL19 (Acclimate) | HL20 (Acclimate) |
| Tonnage Range | 1.5-5 Tons | | 2-5 Tons | | |
| Efficiency | 14.3 SEER2/7.5 HSPF2 | 15.2 SEER2 8.1 HSPF2  | 16+ SEER2 8.1 HSPF2  | 18+ SEER2 8.1 HSPF2  | 19+ SEER2 9.0 HSPF2 |
| Compressor Types | Single-stage (1.5 Tons) Two-stage (2-5 Tons) | | Modulating | Two-stage | Variable capacity |
| Thermostat | Conventional | | | Communicating or conventional | Communicating |
| Comfort Technology | | | | Fine-tuning technology aligns with premium indoor units for enhanced humidity control. Easy-to-read digital LCD display for efficient diagnosis and servicing. Integrated refrigerant charge monitoring for simple installations | |
| Additional Features | Tube-in-fin coil / 1,000-hour powder paint / Extruded louver coil guard / Demand defrost | | | | |
| Sound | As low as 73 dBA | As low as 72 dBA | As low as 54 dBA | As low as 68dBA Swept wing fan, composite base pan and factory-installed sound blanket for reduced sound | |
| Warranties† | 10-Year Compressor Limited Warranty | | | Lifetime Compressor Limited Warranty | |
| | 10-Year Parts Limited Warranty | | | | |

* Three-phase models available (YH2E)
† For full warranty information, see back cover



Packaged cooling and heating units

| Model(s) | PCE4, PCG4 | PCE6, PCG6 |
|---------------|---|-----------------------------------|
| Tonnage Range | 2-5 Tons | |
| Efficiency | 13.4 SEER2/ 81% AFUE (PCG4) | 15.2 SEER2/ 81% AFUE (PCG6) |
| Thermostat | Conventional 24v thermostats | |
| Phase | Single- and three-phase | |
| Warranties† | Lifetime Heat Exchanger Limited Warranty** (PCG6, PCG4) 10-Year Compressor Limited Warranty 10-Year Parts Limited Warranty | |





Packaged heat pumps

| Model(s) | PHE4, PHG4 | PHE6, PHG6 |
|---------------|---|--|
| Tonnage Range | 2-5 Tons | |
| Efficiency | 13.4 SEER2/ 6.7 HSPF2 81% AFUE (PHG4) | 15.2 SEER2/ 7.2 HSPF2 81% AFUE (PHG6) |
| Thermostat | Conventional 24v thermostats | |
| Phase | Single- and three-phase* | |
| Warranties† | Lifetime Heat Exchanger Limited Warranty** (PHG6, PHG4) 10-Year Compressor Limited Warranty 10-Year Parts Limited Warranty | |

* PHG4 and PHG6 are available in single-phase models only
** 20-Year Heat Exchanger Limited Warranty on Ultra-Low NOx models
† For full warranty information, see back cover



Furnaces

| Upfront Unit Cost | \$ | | | | \$\$\$\$ | | | |
|-------------------------|---|------------|---|---------------------|--|--|---|--|
| Model(s) | TM8E (Ultra-Low NOx TL8E) | TM8Y | TM8V (Acclimate) | LPLC (Acclimate) | TM9E (Ultra-Low NOx TL9E) | TM9Y | TM9V (Acclimate) | LP9C (Acclimate) |
| Blower Motor | Standard-efficiency ECM, discrete multi-speed motor | | High-efficiency ECM, constant CFM, variable-speed motor | | Standard-efficiency ECM, discrete multi-speed motor | | High-efficiency ECM, constant CFM, variable-speed motor | |
| Heating Stages | Single-stage | Two-stage | Two-stage | Variable speed | Single-stage | Two-stage | Two-stage | Variable speed |
| Available Heating Sizes | 40-130 MBH (60-100 MBH ULNOx) | 40-120 MBH | 60-120 MBH | 60-120 MBH | 26-120 MBH (60-100 MBH ULNOx) | 40-120 MBH | 40-120 MBH | 60-120 MBH |
| Controls/Communication | Conventional thermostat | | Conventional or communicating | | Conventional thermostat | | Conventional or communicating | |
| Gas Burner Efficiency* | 80% AFUE | 80% AFUE | 80% AFUE | 80% AFUE | 95% AFUE  | 96% AFUE  | 96% AFUE  | 98% AFUE  |
| Heat Exchanger | Non-condensing | | | | Condensing | | | |
| Comfort Technology | Blower fine-tuning | | Premium variable-speed ECMs contain blower fine-tuning technology for customized comfort based on geographic region | | Blower fine-tuning | | Premium variable-speed ECMs contain blower fine-tuning technology for customized comfort based on geographic region | |
| Sound | Good | Good | Better | Best | Good | Good | Better | Best |
| Warranties† | Lifetime Heat Exchanger Limited Warranty** 10-Year Parts Limited | | Lifetime Heat Exchanger Limited Warranty 10-Year Parts Limited | | Lifetime Heat Exchanger Limited Warranty** 10-Year Parts Limited | | Lifetime Heat Exchanger Limited Warranty 10-Year Parts Limited | |

* Minimum efficiency ratings available in your area may vary as dictated by regional standards

** 20-Year Heat Exchanger Limited Warranty on Ultra-Low NOx models

† For full warranty information, see back cover



Air handlers

| Upfront Unit Cost | \$ | | | \$\$\$\$ |
|---------------------|---|--|------------------|----------|
| Model(s) | JHET, JMET | JHVT, JMVT (Acclimate) | JHVV (Acclimate) | |
| Tonnage Range | 1.5-5 Tons | 1.5-5 Tons | 2-5 Tons | |
| Motor | High-efficiency, multi-speed motor (AE, ME) standard-efficiency, multi-speed motor (AP) | High-efficiency, constant CFM motor | | |
| Position | Multi-position* | | | |
| Thermostat | Conventional | Communicating or conventional | Communicating | |
| Pairs With | Air conditioner/Heat pump | | | |
| Additional Features | MaxAlloy Coil™ Factory-installed TXV Less than 2% air leakage when tested at 1.0" ESP | MaxAlloy Coil™ Less than 2% air leakage when tested at 1.0" ESP | | |
| Warranties¹ | 10-Year Parts Limited Warranty | | | |

* No additional accessories or kits required

† For full warranty information, see back cover



Indoor evaporator coils

| XAH, XAF | XAU | XAM |
|--|--|---|
| <ul style="list-style-type: none"> • 1.5-5 Tons • 'A' coil design • Full-cased, horizontal configuration • MaxAlloy™ coil • AC and HP • Bolt-on TXV kits available | <ul style="list-style-type: none"> • 1.5-5 Tons • 'A' coil design • Uncased, upflow/downflow • MaxAlloy™ coil • AC and HP • Bolt-on TXV kits available | <ul style="list-style-type: none"> • 1.5-5 Tons • 'A' coil design • Full-cased, multi-position • MaxAlloy™ coil • AC and HP • Factory-installed EEV • Compatible with variable capacity units. |

Even-flow distributor design distributes refrigerant equally between coil circuits ensuring greater control and more consistent distribution of refrigerant.



Indoor air quality products

All indoor air quality products come with a 5-Year Parts Limited Warranty.

| | | |
|---|--|---|
| Heat recovery ventilator/energy recovery ventilator <ul style="list-style-type: none"> • Optional defrost package • Five speeds for specific demands • 160 and 220 CFM options • 59-66 Sensible Recovery | Hybrid electronic air cleaners <ul style="list-style-type: none"> • Up to MERV 16 • Up to 2,000 CFM • High efficiency with a low pressure drop • No washing or vacuuming required | Media air cleaners <ul style="list-style-type: none"> • Up to MERV 13/Up to 2,000 CFM • Easy-to-replace media filter • High efficiency with a low pressure drop |
| Ultraviolet air treatment systems <ul style="list-style-type: none"> • Kill up to 99 percent of mold spore growth • Indicator light for functionality and light bulb replacement • Offered in single- and dual-lightbulb options • 10" to 24" accordion section for installation flexibility | Whole-house humidifiers <ul style="list-style-type: none"> • Fan-powered evaporative, bypass evaporative and steam humidifiers • 12-18 gallon moisture delivery per day on evaporative models; up to 23.3 gallons on steam model • Manual humidistat included • Easily mounts to the return ductwork • Nearly silent operation • Optional automatic humidifier controls available for fan-powered model | Whole-house dehumidifiers <ul style="list-style-type: none"> • Integrates with indoor unit to remove excess moisture in the living space • 70, 95 and 130 pints per day • Easy to maintain - no need to empty messy water trays |

Thermostats and controls



| | Hx3 Communicating Zoning* | Hx3 Touchscreen Thermostat | Hx Touchscreen Thermostat | Higher Efficiency | Standard Efficiency |
|------------------|---|---|-----------------------------|---|---|
| Connectivity | Communicating | Conventional or communicating | | Conventional | |
| Display | 4.3" capacitive touchscreen | | 2.8" capacitive touchscreen | Backlit digital | |
| Control | Wi-Fi with consumer and dealer apps | | | | |
| Access | Amazon Alexa-enabled and Apple Watch compatible | | | | |
| Programmability | Programmable | Android NFC programmable | | Programmable | |
| Diagnostics | System diagnostics for easy troubleshooting | | | UV service indicator | |
| Special Features | Automatic system configuration - Plug-and-play, control for up to eight zones | Auto-humidity control, pre-set modes, remote dealer monitoring and adjustment with homeowner permission | | Dual fuel operation, multi-stage, up to three heat and two cool stages, outdoor sensor capabilities | Battery or system powered, single- or multi-stage, up to two heat and two cool stages |
| Warranty' | 5-Year Limited Warranty | | | | 1-Year Limited Warranty |

* Dealer Design Award

† For full warranty information, see below

To receive the extended 10-year parts warranty or premium system warranty for qualifying units, you must register online at www.upgproductregistration.com. Registration must be completed within 90 days of installation or 90 days of the closing date for new home construction. Failure to register online within 90 days results in a standard 5-year parts warranty. Failure to return the registration card does not affect rights under the standard warranty.



Choose your controls with premium equipment

Our enhanced YORK Acclimate premium equipment now gives you the power to choose your controls. You still get optimized performance using our own advanced Hx and Hx3 thermostats. However, our YORK premium variable capacity systems are now compatible with your choice of preferred controls and smart home devices, thanks to our new Universal Adapter.



Models listed with the ENERGY STAR logo meet the requirements for energy efficiency.



We are all about quality and it starts with a two-year parts warranty for all genuine Luxaire parts. Each genuine part is engineered, built to specification, and tested to perform reliably in all of our equipment.



To receive the extended 10-year parts warranty or premium system warranty for qualifying units, you must register online at www.upgproductregistration.com. Registration must be completed within 90 days of installation or 90 days of the closing date for new home construction. Failure to register online within 90 days results in a standard 5-year parts warranty. Failure to return the registration card does not affect rights under the standard warranty.



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