

Champion® Residential products



For over 140 years, Champion® 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 Champion home comfort products deliver performance, efficiency and reliability you can trust. With a complete line of Champion products to choose from, there is a system perfectly suited to provide optimal comfort, exceptional energy savings and lasting performance for every family.



CHAMPION®
HEATING AND COOLING



Split system air conditioners

Upfront Unit Cost	\$			\$\$\$\$	
Model(s)*	TCE2 (Southern US); TCD2 (Northern US and Canada)	TCF2	HMCG2 (Side discharge)	AL19 (Momentum)	AL21 (Momentum)
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 (Momentum)	HL20 (Momentum)
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 (Momentum)	TPLC (Momentum)	TM9E (Ultra-Low NOx TL9E)	TM9Y	TM9V (Momentum)	TP9C (Momentum)
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		JHVV, JHVT (Momentum)		JMVT (Momentum)
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		
Warranties†	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.

<p>Heat recovery ventilator/energy recovery ventilator</p> <ul style="list-style-type: none"> • Optional defrost package • Five speeds for specific demands • 160 and 220 CFM options • 59-66 Sensible Recovery 	<p>Hybrid electronic air cleaners</p> <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 	<p>Media air cleaners</p> <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
<p>Ultraviolet air treatment systems</p> <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 	<p>Whole-house humidifiers</p> <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 	<p>Whole-house dehumidifiers</p> <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 Champion Momentum 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 Champion 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 Champion 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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