

2024 NEW RESIDENTIAL PRODUCTS

Brand	Company	Model	Type of Heater	Fuel Type	Unit Size (in tons)	MBTUH	COP	HSPF	SEER	EER	AFUE (%)	Motor Technology	Motor Speed	Gas Valve Stages	Compressor Technology	Compressor Stages	Refrigerant
AirEase	Allied Air Enterprises	A7HP14F	Heat pump	Electric	1.5-5	17.9-56	N/A	7.5 HSPF2	14.3 SEER2	11.7 EER2	N/A	N/A	N/A	N/A	Scroll	Single	R-454B
Airquest	Intl. Comfort Products (ICP) - A Carrier Co.	H5H0V	Heat pump	Electric	2-5 (full tonnages)	24-60	2 at 5°F	Up to 9.5 HSPF2	Up to 20 SEER2	Up to 11 EER2	N/A	ECM	Variable	N/A	Scroll, Inverter	Modulating	R-454B
Airquest	Intl. Comfort Products (ICP) - A Carrier Co.	QuietComfort,G97VTN	Furnace	Gas	N/A	60-120	N/A	N/A	N/A	N/A	97+	ECM	Variable	Two	N/A	Modulating	N/A
Airtemp	R.E. Michel Co.	VG7TE	Furnace	Gas or propane	1.5-5	23-115	N/A	N/A	N/A	N/A	96	ECM	Fixed	Two	N/A	N/A	N/A
Allied	Allied Air Enterprises	7HP14F	Heat pump	Electric	1.5-5	17.9-56	N/A	7.5 HSPF2	14.3 SEER2	11.7 EER2	N/A	N/A	N/A	N/A	Scroll	Single	R-454B
Amana	Amana brand Heating & Air Conditioning	AMVM97	Furnace	Gas	N/A	60-120	N/A	N/A	N/A	N/A	Up to 98	ECM	Variable	Modulating	N/A	N/A	N/A
Amana	Amana brand Heating & Air Conditioning	S-Series ASXS6	Split-system HP	Electric, gas, or dual fuel	1.5-5	17.4-54.5	N/A	Up to 8.6 HSPF2	Up to 17.2 SEER2	N/A	N/A	ECM	Variable	N/A	Inverter	Modulating	R-410A
American Standard Heating and Air Conditioning	American Standard Heating and Air Conditioning	Gold 17	Heat pump	Electric	2-5	23-56	Up to 2.3 at 5°F	Up to 9.5 HSPF2	Up to 17.1 SEER2	Up to 12.5 EER2	N/A	BLDC	N/A	N/A	Scroll, Inverter	Modulating	R-454B
Ameristar	Ameristar	ASHP5	Heat pump	Electric	1.5-5	18-54	Up to 2.5 at 5 °F	Up to 8.1 HSPF2	Up to 16 SEER2	Up to 12 EER2	N/A	PSC, ECM	Fixed	Single, Two	Scroll	Single	R-454B
Anesi	Stone Mountain Technologies Inc.	HP80	Air-to-water HP ¹	Gas ²	N/A	78	1.43	N/A	N/A	N/A	140	ECM	Variable	Modulating	N/A	N/A	R-717
Arcoaire	Intl. Comfort Products (ICP) - A Carrier Co.	H5H0V	Heat pump	Electric	2-5 (full tonnages)	24-60	2 at 5°F	Up to 9.5 HSPF2	Up to 20 SEER2	Up to 11 EER2	N/A	ECM	Variable	N/A	Scroll, Inverter	Modulating	R-454B
Arcoaire	Intl. Comfort Products (ICP) - A Carrier Co.	QuietComfort, F97VTN	Furnace	Gas	N/A	60-120	N/A	N/A	N/A	N/A	97+	ECM	Variable	Two	N/A	Modulating	N/A
Armstrong Air	Allied Air Enterprises	A7HP14F	Heat pump	Electric	1.5-5	17.9-56	N/A	7.5 HSPF2	14.3 SEER2	11.7 EER2	N/A	N/A	N/A	N/A	Scroll	Single	R-454B
Bosch	Bosch Home Comfort	IDS Ultra	Cold climate HP	Electric	Up to 5	55	N/A	Up to 10 HSPF2 ³	Up to 19 SEER2	11.7 EER2	N/A	ECM	N/A	N/A	Rotary, Inverter	Modulating	R-454B
Bryant	Bryant	Evolution Ultimate, 291VAN05400A	Cold climate HP	Electric	4.5	54	Up to 2.15	Up to 9.5 HSPF2	21 SEER2	10 EER2	N/A	ECM	Variable	N/A	Inverter	Modulating	R-454B
Bryant	Bryant	Evolution, 987T	Furnace	Gas	N/A	Up to 120	N/A	N/A	N/A	N/A	98.3	ECM	Variable	Two	N/A	Two	N/A
Carrier	Carrier	Infinity Ultimate, 27VNA1	Cold climate HP	Electric	4.5	54	Up to 2.15	Up to 9.5 HSPF2	21 SEER2	10 EER2	N/A	ECM	Variable	N/A	Inverter	Modulating	R-454B
Carrier	Carrier	Performance, 59TP7	Furnace	Gas	N/A	Up to 120	N/A	N/A	N/A	N/A	96.7	ECM	Variable	Two	N/A	Two	N/A
Champion	Johnson Controls ⁴	Z9ES	Furnace	Gas or propane	1.5-5	26-120 input	N/A	N/A	N/A	N/A	96	ECM	Fixed	Single	N/A	N/A	N/A
Champion	Johnson Controls ⁴	Z9ET	Furnace	Gas or propane	1.5-5	40-120	N/A	N/A	N/A	N/A	97	ECM	Fixed	Two	N/A	N/A	N/A
Chiltrix by Unico	Unico Inc.	CX35, CX50	Air-to-water HP	Electric	2, 3.5	40.5, 57	4.9, 4.62	16, 15.51 HSPF	N/A	21, 19, 22, 21 IPLV IEEER ⁵	N/A	ECM	Variable	N/A	Inverter	Modulating	R-32
Coleman	Johnson Controls ⁴	Z9ES	Furnace	Gas or propane	1.5-5	26-120 input	N/A	N/A	N/A	N/A	96	ECM	Fixed	Single	N/A	N/A	N/A
Coleman	Johnson Controls ⁴	Z9ET	Furnace	Gas or propane	1.5-5	40-120	N/A	N/A	N/A	N/A	97	ECM	Fixed	Two	N/A	N/A	N/A
Comfort-Aire/Century	Mars/Heat Controller LLC	CMA15xxSA-1	Condenser	Electric	1-4	N/A	N/A	N/A	15 SEER2	11.7 EER2	N/A	ECM	Variable	N/A	Inverter	Modulating	R-410A
Comfort-Aire/Century	Mars/Heat Controller LLC	SE Series, GFM80S and GFM96T	Furnace	Gas	3-5	40-120	N/A	N/A	N/A	N/A	80, 96	ECM	Fixed, Variable	Single, Two	N/A	N/A	N/A
Comfortmaker	Intl. Comfort Products (ICP) - A Carrier Co.	C5H0V	Heat pump	Electric	2-5 (full tonnages)	24-60	2 at 5°F	Up to 9.5 HSPF2	Up to 20 SEER2	Up to 11 EER2	N/A	ECM	Variable	N/A	Scroll, Inverter	Modulating	R-454B
Comfortmaker	Intl. Comfort Products (ICP) - A Carrier Co.	Ion G97CTN	Furnace	Gas	N/A	60-120	N/A	N/A	N/A	N/A	97+	ECM	Variable	Two	N/A	Modulating	N/A
Concord	Allied Air Enterprises	7HP14F	Heat pump	Electric	1.5-5	17.9-56	N/A	7.5 HSPF2	14.3 SEER2	11.7 EER2	N/A	N/A	N/A	N/A	Scroll	Single	R-454B
Continental	Wolf Steel Ltd	CDHAM-36-O	Ductless HP	Electric	N/A	28, 36	3.5	10.8 HSPF2	20 SEER2	10.5 EER2	N/A	BLDC	Variable	N/A	Rotary, Inverter	Modulating	R-410A
Continental	Wolf Steel Ltd	CDHAS26-12	Ductless HP	Electric	1-2	5-31	3.88	10.4 HSPF2	25.5 SEER2	14 EER2	N/A	BLDC	Variable	N/A	Rotary, Inverter	Modulating	R-410A
Daikin Ductless	Daikin Comfort Technologies North America Inc.	ATMOSPHERA	Heat pump	Electric	.75-2	N/A	4.6	Up to 11.2 HSPF2	Up to 27.4 SEER2	16.3 EER2	N/A	N/A	Variable	N/A	Inverter	Modulating	R-32
Daikin Ductless	Daikin Comfort Technologies North America Inc.	OTERRA	Heat pump	Electric	.75-2	N/A	4.19	10.2 HSPF2	21 SEER2	12.5 EER2	N/A	N/A	Variable	N/A	Inverter	Modulating	R-410A, R-32
Daikin Unitary	Daikin Comfort Technologies North America Inc.	DM97MC	Furnace	Gas	2-5	60-120	N/A	N/A	N/A	N/A	Up to 98	ECM	Variable	Modulating	N/A	N/A	N/A
Daikin Unitary	Daikin Comfort Technologies North America Inc.	FIT	Furnace, HP, and dual fuel	Gas or electric	1.5-5	17.4-54.5	N/A	Up to 8.6 HSPF2	Up to 17.5 SEER2	Up to 11.3 EER2	Up to 98	ECM	Variable	Two, Modulating	Inverter	Variable inverter	R-410A
Day & Night	Intl. Comfort Products (ICP) - A Carrier Co.	C5H0V	Heat pump	Electric	2-5 (full tonnages)	24-60	2 at 5°F	Up to 9.5 HSPF2	Up to 20 SEER2	Up to 11 EER2	N/A	ECM	Variable	N/A	Scroll, Inverter	Modulating	R-454B
Day & Night	Intl. Comfort Products (ICP) - A Carrier Co.	QuietComfort, G97VTN	Furnace	Gas	N/A	60-120	N/A	N/A	N/A	N/A	97+	ECM	Variable	Two	N/A	Modulating	N/A
Ducane	Allied Air Enterprises	7HP14F	Heat pump	Electric	1.5-5	17.9-56	N/A	7.5 HSPF2	14.3 SEER2	11.7 EER2	N/A	N/A	N/A	N/A	Scroll	Single	R-454B
Ecoer	Ecoer Inc.	RTI and ERDA19H-60AAA	Pkg. HP	Electric	5	55	1.9 at 5°F	9.2 HSPF2	18.5 SEER2	11.2 EER2	N/A	ECM	Variable	N/A	Rotary, Inverter	Modulating	R-410A
First Co.	First Co.	First Pak FPH, FPG	Heat pump, gas unit	Electric, gas	1-2.5	12-30	N/A	6.3 HSPF2	11.9 SEER2	N/A	80, 95	ECM	Fixed	Single	Scroll	Single	R-410A, R-454B
Friedrich Air Conditioning	Friedrich Air Conditioning	Breeze, WFPU18Z363C	Heat pump	Electric	3	35	2.05	9.5 HSPF2	18 SEER2	10.1 EER2	N/A	BLDC	Variable	N/A	Inverter	Modulating	R-410A
Frigidaire	Nortek Global HVAC	FSH3BF	Heat pump	Electric	2-5	24-60	N/A	Up to 7.8 HSPF2	Up to 15.2 SEER2	Up to 11.7 EER2	N/A	PSC, ECM	Fixed	N/A	Scroll	Two	R-410A
Fujitsu Airstage	Fujitsu General America	Infinite Comfort Series, AMUG	Heat pump	Electric	2-4	Up to 45.6	Up to 3.42	Up to 10 HSPF2	Up to 18.8 SEER2	Up to 11.7 EER2	N/A	ECM	Variable	N/A	Rotary, Inverter	Modulating	R-410A
Gibson	Nortek Global HVAC	Ultra, (GXH (**)/**)MSK4DH	Heat pump	Electric	2-5	24-60	N/A	9 HSPF2	Up to 17 SEER2	Up to 12 EER2	N/A	BLDC	Variable	N/A	Inverter	N/A	R-410A
Goodman	Goodman Mfg. Co. LP	GMVM97	Furnace	Gas	N/A	60-120	N/A	N/A	N/A	N/A	Up to 98	ECM	Variable	Modulating	N/A	N/A	N/A
Goodman	Goodman Mfg. Co. LP	SD	Heat pump or a/c	Electric, gas, or dual fuel	1.5-5	Up to 54.5	N/A	8.6 HSPF2	17.5 SEER2	N/A	N/A	N/A	Fixed	Modulating	Inverter	Modulating	N/A
Heil	Intl. Comfort Products (ICP) - A Carrier Co.	H5H0V	Heat pump	Electric	2-5 (full tonnages)	24-60	2 at 5°F	Up to 9.5 HSPF2	Up to 20 SEER2	Up to 11 EER2	N/A	ECM	Variable	N/A	Scroll, Inverter	Modulating	R-454B
Heil	Intl. Comfort Products (ICP) - A Carrier Co.	Ion, G97CTN	Furnace	Gas	N/A	60-120	N/A	N/A	N/A	N/A	97+	ECM	Variable	Two	N/A	Modulating	N/A
Hitachi	Johnson Controls-Hitachi	airH2O Yutaki M	Air-to-water HP	Electric	3-4	Up to 44.4	4.31	N/A	N/A	11.5 EER	N/A	N/A	N/A	EEV	Inverter	Modulating	R-32
Hotpoint	GE Appliances Air & Water Solutions	Ductless Mini-Split	Heat pump	Electric	.75-2	9-24	1.8	9.5 HSPF2	18 SEER2	10.6-12 EER2	N/A	BLDC	Variable	N/A	Rotary, Inverter	Variable	R-32
Intertherm	Nortek Global HVAC	E7ED	Furnace	Electric	1.5-5	N/A	N/A	N/A	N/A	N/A	90+	ECM	Variable	N/A	N/A	N/A	N/A
Intertherm	Nortek Global HVAC	M62R	Furnace	Gas	N/A	45-72	N/A	N/A	N/A	N/A	95	ECM	Multi-speed	Single	N/A	N/A	N/A
KeepRite	Intl. Comfort Products (ICP) - A Carrier Co.	C5H0V	Heat pump	Electric	2-5 (full tonnages)	24-60	2 at 5°F	Up to 9.5 HSPF2	Up to 20 SEER2	Up to 11 EER2	N/A	ECM	Variable	N/A	Scroll, Inverter	Modulating	R-454B
KeepRite	Intl. Comfort Products (ICP) - A Carrier Co.	QuietComfort, G97VTN	Furnace	Gas	N/A	60-120	N/A	N/A	N/A	N/A	97+	ECM	Variable	Two	N/A	Modulating	N/A
Laars	Laars Heating Systems Co.	FT Series	Boiler	Gas or propane	N/A	199	N/A	N/A	N/A	N/A	95	N/A	N/A	Modulating	N/A	N/A	N/A
Lennox	Lennox	EL22XPV	Heat pump	Electric	2-5	20.4-58	Up to 2.3 at 5°F	Up to 9.4 HSPF2	Up to 22 SEER2	Up to 14 EER2	N/A	ECM	Variable	N/A	Inverter	Modulating	R-410A
Lennox	Lennox	EL29TV	Furnace	Gas	3-5	44-132	N/A	N/A	N/A	N/A	97	ECM	Variable	Two	N/A	N/A	N/A
LG Electronics	LG Electronics	KPHTC411M, KPHTC481M, KPHTCS51M	Air-to-water HP	Electric	3.5-4.5	41-55	2.38-2.5 ⁶	N/A	N/A	10.6-11.3 EER ⁷	N/A	BLDC	Variable	N/A	Scroll	Modulating	R-32
Lochinvar	Lochinvar	KNIGHT ³	Boiler	Gas	N/A	55-285	N/A	N/A	N/A	N/A	95	N/A	N/A	N/A	N/A	N/A	N/A
Luxaire	Johnson Controls ⁴	Z9ES	Furnace	Gas or propane	1.5-5	26-120 input	N/A	N/A	N/A	N/A	96	ECM	Fixed	Single	N/A	N/A	N/A
Luxaire	Johnson Controls ⁴	Z9ET	Furnace	Gas or propane	1.5-5	40-120	N/A	N/A	N/A	N/A	97	ECM	Fixed	Two	N/A	N/A	N/A
Maytag	Nortek Global HVAC	PSH3BF	Heat pump	Electric	2-5	24-60	N/A	Up to 7.8 HSPF2	Up to 15.2 SEER2	Up to 11.7 EER2	N/A	PSC, ECM	Fixed	N/A	Scroll	Two	R-410A
Midea	Midea	EVOX G3	Heat pump	N/A	N/A	N/A	Up to 2.14 at 5°F	Up to 10.8 HSPF2	Up to 19 SEER2	Up to 12.5 EER2	N/A	N/A	N/A	N/A	Inverter	N/A	R-454B
Midea	Midea	PWHP	Window HP	N/A	N/A	N/A	Up to 2.42 at 17°F	Up to 10.12 HSPF2	Up to 18.76 SEER2	Up to 16 CEER	N/A	N/A	N/A	N/A	Inverter	N/A	R-32
Navien	Navien Inc.	NPF700	Hydro-furnace	Gas	1.5-5.5	100	N/A	N/A	N/A	N/A	97	ECM	Variable	Modulating	N/A	N/A	N/A
Noritz America	Noritz America	NRCB199DV	Combination boiler	Gas or propane	N/A	18-199.9	N/A	N/A	N/A	N/A	95	N/A	N/A	N/A	N/A	N/A	N/A
Oxbox	Oxbox, a Trane brand	J5HP5 model family	Electric	Electric	1.5-5	N/A	N/A	7.5, 7.8 HSPF2 (select combinations)	14.3-15.2 SEER2	11.7-12 EER2	N/A	ECM	10 speed variable	N/A	Scroll	Single, Two	R-454B
Peerless	PB Heat LLC/Peerless Boilers	PureFire PF-50 - PF-210	Boiler	Gas or LP	N/A	47-195	N/A	N/A	N/A	N/A	95	N/A	N/A	N/A	N/A	N/A	N/A
Roommate	DesignLine	MHP10, MHP11	Micro HP	Electric	N/A	1-11.2	N/A	N/A	N/A	N/A	N/A	N/A	Variable	N/A	Inverter	N/A	R-32
RunTru	RunTru	ASHP5	Heat pump	Electric	1.5-5	18-54	Up to 2.5 at 5°F	8.1 HSPF2	Up to 16 SEER2	Up to 12 EER2	N/A	PSC, ECM	Fixed	Single, Two	Scroll	Single	R-454B
Tempstar	Intl. Comfort Products (ICP) - A Carrier Co.	Ion, F97CTN	Furnace	Gas	N/A	60-120	N/A	N/A	N/A	N/A	97+	ECM	Variable	Two	N/A	Modulating	N/A
Tempstar	Intl. Comfort Products (ICP) - A Carrier Co.	T5H0V	Heat pump	Electric	2-5 (full tonnages)	24-60	2 at										