

2023 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
Advanced Distributor Products	Advanced Distributor Products	F Series, FEM E31 9 24 S 00 3	Air handler	Electric	1.5-5	Varies	Varies	Varies	Varies	Varies	N/A	PSC, ECM	Fixed	N/A	N/A	N/A	R-410A
Advanced Distributor Products	Advanced Distributor Products	Moduleflex eFurnace, AEF E 3 A 0 0 S 1 H H1	Furnace	Electric	1.5-5	Varies	Varies	Varies	Varies	Varies	N/A	ECM	Fixed	N/A	N/A	N/A	N/A
AirEase	Allied Air Enterprises	A972E	Furnace	Gas	2-5	30-110	N/A	N/A	N/A	N/A	97	ECM	Fixed	Two	N/A	N/A	N/A
AirEase	Allied Air Enterprises	A972V	Furnace	Gas	3-5	45-135	N/A	N/A	N/A	N/A	97	ECM	Variable	Two	N/A	N/A	N/A
Airquest	International Comfort Products	DLCURA QuietComfort 18	Split-system HP	Electric	1.5-5	18-60 (tested combinations)	Up to 3.59	Up to 10 HSPF2	Up to 18 SEER2	Up to 12.4 EER2	N/A	ECM	Variable	N/A	Rotary, Inverter	Modulating	R-410A
Airquest	International Comfort Products	G97CMN Ion 98	Furnace	Gas	3.5-5.5	60-120	N/A	N/A	N/A	N/A	Up to 98	ECM	Variable	Modulating	N/A	N/A	N/A
Airtemp	Airtemp	Ultra Side Discharge	Heat pump	Electric	2-5	54	N/A	10.5 HSPF	Up to 20 SEER	Up to 12.5 EER	N/A	ECM	Variable	N/A	Inverter	Modulating	R-410A
Amana	Amana	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	S-Series	Split-system HP	Gas, electric, or dual fuel	1.5-5	17.4-54.5	N/A	Up to 8.6 HSPF2	Up to 17.5 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	Platinum 18 AccuComfort	Heat pump	Electric	2-5	N/A	N/A	8.5 HSPF2	18 SEER2	N/A	N/A	ECM	Variable	N/A	Inverter	Modulating	R-410A
Ameristar	Ameristar	Multi-Zone Ductless	Heat pump	N/A	N/A	18-40	N/A	10 HSPF2	19 SEER2	12-12.5 EER2	N/A	N/A	N/A	N/A	N/A	N/A	R-410A
Arcoaire	International Comfort Products	HVH8 Ion 18	Split-system HP	Electric	2-5	24-60 (tested combinations)	Up to 2.22	Up to 9 HSPF2	Up to 18.5 SEER2	Up to 12 EER2	N/A	ECM	Variable	N/A	Rotary, Inverter	Modulating	R-410A
Arcoaire	International Comfort Products	N96VSN Performance 96	Furnace	Gas	2.5-5.5	40-120	N/A	N/A	N/A	N/A	Up to 97	ECM	Variable	Single	N/A	N/A	N/A
Armstrong Air	Allied Air Enterprises	A972E	Furnace	Gas	2-5	30-110	N/A	N/A	N/A	N/A	97	ECM	Fixed	Two	N/A	Two	N/A
Armstrong Air	Allied Air Enterprises	A972V Pro Series	Furnace	Gas	3-5	45-135	N/A	N/A	N/A	N/A	97	ECM	Variable	Two	N/A	N/A	N/A
Aspen	Aspen Mfg.	LGM	Air handler	Electric	2-4	N/A	N/A	N/A	N/A	N/A	N/A	ECM	Variable	N/A	N/A	N/A	R-410A, R-22
Bosch Home Comfort	Bosch Home Comfort	Inverter Ducted Split (IDS) Light	Heat pump	Electric	2	24	N/A	8 HSPF2	14.5 SEER2	9.8-10.6 EER2	N/A	PSC	Variable	N/A	Inverter	Modulating	R-410A
Bosch Home Comfort	Bosch Home Comfort	Singular	Combi boiler	Gas	N/A	19.9-140 <sup>1</sup>	N/A	N/A	N/A	N/A	95	N/A	N/A	Single	N/A	N/A	N/A
Bradford White	Bradford White	BFTHF-199	Boiler	Gas	N/A	182	N/A	N/A	N/A	N/A	95	BLDC	Variable	Modulating	N/A	N/A	N/A
Bryant	Bryant	Evolution, 288BNV	Heat pump	Electric	1-5	17-60	3.54-3.7	Up to 9 HSPF2	Up to 18.5 SEER2	Up to 12 EER2	N/A	BLDC	Variable	N/A	Rotary, Inverter	Modulating	R-410A
Bryant	Bryant	Preferred Crossover, 38MURA	Split-system HP	Electric	1.5-5	N/A	Up to 3.5	Up to 10 HSPF2	Up to 18 SEER2	Up to 10.9 EER2	N/A	ECM	Variable	N/A	Rotary, Inverter	Modulating	R-410A
Carrier	Carrier	Infinity 18VS, 25VNA8	Heat pump	Electric	1-5	17-60	3.54-3.7	Up to 9 HSPF2	Up to 18.5 SEER2	Up to 12 EER2	N/A	BLDC	Variable	N/A	Rotary, Inverter	Modulating	R-410A
Carrier	Carrier	Performance Crossover, 38MURA	Split-system HP	Electric	1.5-5	N/A	Up to 3.45	Up to 10 HSPF2	Up to 18 SEER2	Up to 12.4 EER2	N/A	ECM	Variable	N/A	Rotary, Inverter	Modulating	R-410A
Champion	Johnson Controls	THF2	Heat pump	Electric	1.5-5	N/A	2.85 @5°F	Up to 8.1 HSPF2	Up to 16 SEER2	Up to 12 EER2	N/A	PSC and ECM <sup>2</sup>	Variable <sup>3</sup>	N/A	Scroll	Single and two <sup>4</sup>	R-410A
Champion	Johnson Controls	Z9ES	Furnace	Gas or propane	1.5-5	26-120 input	N/A	N/A	N/A	N/A	Up to 96	ECM	Fixed	Single	N/A	N/A	N/A
Chilix	Unico Inc.	CX35 and CX50	Air-to-water HP	Electric	2-4.75	Up to 40.5-57	4.62-4.9	N/A	N/A	21.2-23.3 IPLV	N/A	ECM	Variable	N/A	Inverter	Modulating	N/A
Coleman	Johnson Controls	THF2	Heat pump	Electric	1.5-5	N/A	2.85 @5°F	Up to 8.1 HSPF2	Up to 16 SEER2	Up to 12 EER2	N/A	PSC and ECM <sup>2</sup>	Variable <sup>3</sup>	N/A	Scroll	Single and two <sup>4</sup>	R-410A
Coleman	Johnson Controls	Z9ES	Furnace	Gas or propane	1.5-5	26-120 input	N/A	N/A	N/A	N/A	Up to 96	ECM	Fixed	N/A	N/A	N/A	N/A
Comfort-Aire/Century	MARS/Heat Controller	VCD-Series	Air handler	Electric	1.5-5	18-55	N/A	9.4-10 HSPF2	15.3-17.4 SEER2	8.8-11.7 EER2	N/A	ECM, Inverter	Variable	N/A	Inverter	Modulating	R-410A
Comfortmaker	International Comfort Products	G97CMN Ion 98	Furnace	Gas	3.5-5.5	60-120	N/A	N/A	N/A	N/A	Up to 98	ECM	Variable	Modulating	N/A	N/A	N/A
Comfortmaker	International Comfort Products	PHD4 Performance 14	Pkg. HP	Electric	2-5 <sup>1</sup>	24-60	Up to 3.8	Up to 6.7 HSPF2	Up to 13.4 SEER2	Up to 11.05 EER2	N/A	PSC, ECM	Fixed	N/A	Scroll	Single	R-410A
Concord	Allied Air Enterprises	97G2E	Furnace	Gas	2-5	30-110	N/A	N/A	N/A	N/A	97	ECM	Fixed	Two	N/A	N/A	N/A
Concord	Allied Air Enterprises	97G2V	Furnace	Gas	3-5	45-110	N/A	N/A	N/A	N/A	97	ECM	Variable	Two	N/A	N/A	N/A
Continental	Wolf Steel	EQHub WSC43BA-KT	Dual fuel hybrid	Gas and electric	2-5	24-58	4.98	8.5 HSPF2	17 SEER2	10 EER2	100+	ECM	Variable	Two	Inverter	Modulating	R-410A
Daikin Ductless	Daikin Comfort Technologies North America Inc.	ATMOSPHERA	Heat pump	Electric	N/A	N/A	4.6	Up to 11.2 HSPF2	Up to 27.4 SEER2	Up to 10 EER2	N/A	N/A	Variable	N/A	Inverter	Modulating	R-32
Daikin Ductless	Daikin Comfort Technologies North America Inc.	AURORA	Heat pump	Electric	1.5-3	Up to 24.6	4.26	Up to 9.7 HSPF2	Up to 20 SEER2	Up to 12 EER2	N/A	N/A	Variable	N/A	Inverter	Variable	R-410A
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 Technology 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 10 EER2	Up to 98	ECM	Variable	Two, Modulating	Inverter	Variable inverter	R-410A
Day & Night	International Comfort Products	DLCURA QuietComfort 18	Split-system HP	Electric	1.5-5	18-60 (tested combinations)	Up to 3.59	Up to 10 HSPF2	Up to 18 SEER2	Up to 12.4 EER2	N/A	ECM	Variable	N/A	Rotary, Inverter	Modulating	R-410A
Day & Night	International Comfort Products	G96CTN Ion 96	Furnace	Gas	2.5-5.5	60-120	N/A	N/A	N/A	N/A	Up to 96.7	ECM	Variable	Two	N/A	N/A	N/A
Ducane	Allied Air Enterprises	97G2E	Furnace	Gas	2-5	30-110	N/A	N/A	N/A	N/A	97	ECM	Fixed	Two	N/A	N/A	N/A
Ducane	Allied Air Enterprises	97G2V	Furnace	Gas	3-5	45-110	N/A	N/A	N/A	N/A	97	ECM	Variable	Two	N/A	N/A	N/A
Enertech	Enertech Global	EAH	Hydronic air handler	Electric	2-5	Up to 87.5	N/A	N/A	N/A	N/A	N/A	ECM	Variable	N/A	N/A	N/A	N/A
First Co.	First Co.	First-Pak 95, FPG**N9	Furnace	Gas	12-30	22-55	N/A	N/A	11.7 SEER2	9-10.5 EER2	95	ECM	Fixed	Single	Scroll, Rotary	Single	R-410A
Frigidaire	NGH	FSH1BG	Heat pump	Electric	2-5	24-60	N/A	Up to 8.5 HSPF2	Up to 18.8 SEER2	Up to 12.3 EER2	N/A	BLDC	Variable	N/A	Rotary	Modulating	R-410A
Frigidaire	NGH	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
GE Appliances	GE Appliances, a Haier Co.	NS22H6MMA4	Heat pump	Electric	5	N/A	N/A	N/A	22 SEER	N/A	N/A	ECM	Variable	N/A	Inverter	Modulating	R-410A
Gibson	NGH	Ultra Side Discharge, GXH (**)(**)(**MSK4DH	Split-system HP	Electric	2-5	24-60	N/A	9 HSPF2	Up to 17 SEER2	Up to 12 EER2	N/A	BLDC	Variable	N/A	Inverter	Modulating	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	R-410A
Goodman	Goodman Mfg. Co. LP	GVZC20	Heat pump	Electric	2-5	23.4-52	N/A	Up to 10 HSPF	Up to 21 SEER	N/A	N/A	ECM	Variable	Modulating	Scroll, Rotary, Inverter	N/A	R-410A
Heil	International Comfort Products	H4HTT Ion 17	Split-system HP	Electric	2-5	24-60	Up to 2.4	Up to 8.1 HSPF2	Up to 17 SEER2	Up to 13 EER2	N/A	PSC	Fixed	N/A	Scroll	Two	R-410A
Heil	International Comfort Products	N96MSN Performance 96	Furnace	Gas	2.5-5.5	26-140	N/A	N/A	N/A	N/A	Up to 97	ECM	Fixed	Single	N/A	N/A	N/A
Intertherm	NGH	MG2R	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	International Comfort Products	CVH8 Ion 18	Split-system HP	Electric	2-5	24-60 (tested combinations)	Up to 2.22	Up to 9 HSPF2	Up to 18.5 SEER2	Up to 12 EER2	N/A	ECM	Variable	N/A	Rotary, Inverter	Modulating	R-410A
KeepRite	International Comfort Products	PHR5 QuietComfort 15	Pkg. HP	Electric	2-5	24-60	Up to 3.9	Up to 7.5 HSPF2	Up to 15.5 SEER2	Up to 11.5 EER2	N/A	ECM	Fixed	N/A	Scroll	Two	R-410A
Laars	Laars Heating Systems	FT Series, MFTHW 100, 140, 199	Boiler	Gas	N/A	N/A	N/A	N/A	N/A	N/A	95	BLDC	Variable	Modulating	N/A	N/A	N/A
Lennox	Lennox Residential	SL25XPV	Heat pump	Electric	2-5	N/A	1.9-3.8 <sup>5</sup>	Up to 9.8 HSPF2	23.2 SEER2	15 EER2	N/A	ECM	Variable	N/A	Scroll, Inverter	Modulating	R-410A
Lennox	Lennox Residential	SLP99V	Furnace	Gas	3-5	66-132	N/A	N/A	N/A	N/A	99	ECM	Variable	Modulating	N/A	N/A	N/A
LG Air Conditioning Technologies	LG Air Conditioning Technologies	HydroKit, ARNH423K3A4	HP heater	Electric	N/A	42	N/A	N/A	N/A	N/A	N/A	BLDC	Variable	N/A	Scroll, Inverter	Modulating	R-410A, R-134a
Lochinvar	Lochinvar	KNIGHT7	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	THF2	Heat pump	Electric	1.5-5	N/A	2.85 @5°F	Up to 8.1 HSPF2	Up to 16 SEER2	Up to 12 EER2	N/A	PSC and ECM <sup>2</sup>	Variable <sup>3</sup>	N/A	Scroll	Single and two <sup>4</sup>	R-410A
Luxaire	Johnson Controls	Z9ES	Furnace	Gas or propane	1.5-5	26-120 input	N/A	N/A	N/A	N/A	Up to 96	ECM	Fixed	Single	N/A	N/A	N/A
Maytag	NGH	PSH1BG	Heat pump	Electric	2-5	24-60	N/A	Up to 8.5 HSPF2	Up to 18.8 SEER2	Up to 12.3 EER2	N/A	BLDC	Variable	N/A	Rotary	Modulating	R-410A
Maytag	NGH	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 America Corp.	High Wall Max, Standard, and Advantage	Heat pump	Electric	7.5-2	9-24	2.3-84 <sup>6</sup>	9.4 HSPF2	21.7 SEER2	16 EER	N/A	N/A	Variable	N/A	N/A	N/A	N/A
Miller	NGH	MG2R	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
Mitsubishi Electric Trane HVAC US	Mitsubishi Electric Trane HVAC US	intelli-HEAT	Dual fuel	Electric	N/A	18-42	2.42-3.55 <sup>7</sup>	8.5 HSPF2 (2 ton)	15.3 SEER2 (2 ton)	11.7 EER2 (2 ton)	N/A	ECM	Variable	N/A	Inverter	Modulating	R-410A
Napoleon	Napoleon	EQHub WSC43BA-KT	Dual fuel hybrid	Gas and electric	2-5	24-58	4.98	8.5 HSPF2	17 SEER2	10 EER2	100+	ECM	Variable	Two	Inverter	Modulating	R-410A
Navien	Navien Inc.	NPF700	Hydro-furnace	Gas and propane	N/A	60-100	N/A	N/A	N/A	N/A	97	ECM	Variable	Modulating	N/A	N/A	N/A
Noritz America	Noritz America	NRCB199DV	Combi boiler	Gas and 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	J4PH4	Pkg. HP	Electric	2-5	N/A	N/A	N/A	N/A	N/A	N/A	PSC, ECM	Fixed, Variable	N/A	Scroll, Rotary	Single	N/A
Oxbox	Oxbox	J4HP5	Heat pump	Electric	1.5-5	N/A	N/A	N/A	14.3-15.2 SEER2	10.5-12 EER2	N/A	ECM	Variable	N/A	Scroll	Single, Two	N/A
Peerless	PB Heat LLC/Peerless Boilers	PureFire, PF-50-PF-210	Boiler	Gas and LP	N/A	47-195	N/A	N/A	N/A	N/A	95	N/A	N/A	Modulating	N/A	N/A	N/A
Rheem	Rheem	RP18AZ Endeavor Line Prestige Series IM	Heat pump	Electric	22.8-55	N/A	N/A	8.5 HSPF2	Up to: 20 SEER2	12.5 EER2	N/A	BLDC	Variable	N/A	Scroll, Inverter	Modulating	R-410A
RunTru	RunTru	E4HL5	Heat pump	Electric	1.5-5	18-60	N/A	8.5 HSPF2	15.2 SEER2	N/A	N/A	N/A	Variable	N/A	Inverter	N/A	R-410A
Ruud	Rheem	Endeavor Line Achiever, R951V ULN	Furnace	Gas	3-5	40-115	N/A	N/A	N/A	N/A	95	ECM	Variable	Single	N/A	N/A	N/A
Samsung HVAC	Samsung HVAC	Hylex, AC060BXUPCH/AA	Heat pump	Electric	2-5	26-53	Up to 3.18	Up to 9 HSPF2	Up to 18.5 SEER2	Up to 10.5 EER2	N/A	BLDC	Variable	N/A	Inverter	N/A	R-410A
Tempstar	International Comfort Products	F96CTN Ion 96	Furnace	Gas	2.5-5.5	60-120	N/A	N/A	N/A	N/A	Up to 96.7	ECM	Variable	Two	N/A	N/A	N/A
Tempstar	International Comfort Products	T4HTT Ion 17	Split-system HP	Electric	2-5	24-60	Up to 2.4	Up to 8.1 HSPF2	Up to 17 SEER2	Up to 13 EER2	N/A	PSC	Fixed	N/A	Scroll	Two	R-410A
Trane	Trane	20XVi	Heat pump	Electric	2-5	N/A	Up to 3.6 @47°F	9 HSPF2	20.5 SEER2	N/A	N/A	ECM	Variable	N/A	Inverter	Modulating	R-410A
Weil-McLain	Weil-McLain	ECO Tec Series 2	Boiler	Gas	N/A	80-199 <sup>8</sup>	N/A	N/A	N/A	N/A	95	ECM	Variable	N/A	N/A	Modulating	N/A
YORK	Johnson Controls	Y91E	Furnace	Gas or propane	1.5-5	26-120 input	N/A	N/A	N/A	N/A	Up to 96	ECM	Fixed	Single	N/A	N/A	N/A