BRAND	COMPANY	MODEL	TYPE	UNIT SIZE (IN TONS)	COOLING CAPACITY (MBtuh)	MOTOR TECHNOLOGY	MOTOR SPEED	COMPRESSOR TECHNOLOGY	STAGES	COP	HSPF	SEER	EER	REFRIGERANT	ECONOMIZERS AVAILABLE
AAON	AAON	Alpha Class	Air-source HP	2-60	24-720	ECM, VFD	Variable	Scroll	Modulating	Up to 3.7	Up to 10.1 HSPF2	Up to 19 SEER2	Up to 21.5 IEER	R-410A, R-454B	Yes
Addison	Addison	AK1 Series	DOAS	3-10	N/A	Permanent Magnet	Variable	N/A	Variable	N/A	N/A	N/A	N/A	R-410A	No
Addison	Addison	PR Series	DOAS	20-140	240-1,680	ECM, Shaded Pole	Lead Circuit	Scroll	Modulating	Varies	N/A	N/A	N/A	R-410A	Yes
Airquest	International Comfort Products (ICP) – A Carrier Co.	RAV049K0DA0AAA	Pkg. rooftop	4	34	ECM	Variable	Scroll	Two	N/A	N/A	13.4 SEER	N/A	R-410A[1]	Yes
Allied Commercial	Allied Air Enterprises	Q-Series, QHA, QHA 060 S 4 D N 1 Y	Heat pump	3-5	34-57	ECM	Fixed	Scroll	Single	3.7	2.4 HSPF	14 SEER	11.5 EER	R-410A	Yes
Arcoaire	International Comfort Products (ICP) – A Carrier Co.	RAV060H0DA0AAA	Pkg. rooftop	5	59.5	ECM	Variable	Scroll	Two	N/A	N/A	14 SEER	N/A	R-410A[1]	Yes
Bard	Bard Mfg. Co.	MEGA-TEC	Air conditioner	7.5-15	N/A	ECM	Variable	Scroll	Three	N/A	N/A	N/A	10 EER	R-410A	Yes
Bard	Bard Mfg. Co.	Wall-Mount HP	Heat pump	3 and 5	N/A	ECM	Variable	Scroll, Inverter	Modulating	3.3	N/A	N/A	11 EER	R-410A	N/A
Bosch Home Comfort	Bosch Home Comfort	CL Series	Water-source HP	.5-6	6.1-71[2]	PSC, ECM	Fixed, Variable	Scroll, Rotary	Single	3.19-4.9[3]	N/A	N/A	12.2-17.6 EER[4]	R-454B	Yes
Carrier	Carrier	AquaEdge 19MV2	Chiller	150-300	1,800-3,600	Permanent Magnet	Variable	N/A	Two	Up to 6.5 and 10.6[5]	N/A	N/A	N/A	R-513A, R-515B	Yes
Carrier	Carrier	AquaSnap 30RC	Chiller	60-250	720-3,000	Induction	Fixed, Variable	Scroll	Single	N/A	N/A	N/A	N/A	R-32	Yes
Carrier	Carrier	WeatherExpert 48/ 50LC*H	Pkg. outdoor air system	6-10	72-120	ECM	Variable	Scroll	Three[6]	N/A	N/A	N/A	Up to 13.1 EER and 20.8 IEER[7]	R-410A	Yes
ClimateMaster	ClimateMaster	Tranquility 18 (SC)	Heat pump	3	36	PSC, ECM[8]	Fixed, Variable	Scroll	Single	4.9	N/A	N/A	16.1 EER	R-454B	No
Comfort-Aire/ Century	MARS/Comfort-Aire/Century	HB*006-HB*060	Water-source HP	.5-5	5.8-66.5	PSC, ECM	Fixed, Variable	Scroll, Reciprocating	Single	3.1-5.3	N/A	N/A	13-25 EER	R-410A	Yes
Comfortmaker	International Comfort Products (ICP) – A Carrier Co.	RAV072H0FA0AAA	Pkg. rooftop	6	70	ECM	Variable	Scroll	Two	N/A	N/A	14 SEER	N/A	R-410A[1]	Yes
Daikin Applied	Daikin Applied	Magnitude WMT	Chiller	350-600	N/A	Permanent Magnet	Variable	N/A	Two	.5 kW/ton[9]	N/A	N/A	N/A	R-1233zd(E)	Yes
Daikin Applied	Daikin Applied	Rebel, Rebel Applied	Pkg. rooftop	3-75	36-900	ECM	Variable	Scroll, Rotary, Inverter	Modulating	Up to 4	Up to 9.3 HSPF	N/A	Up to 22.7 IEER	R-32	Yes
Daikin Commercial Unitary	Daikin Comfort Technologies North America Inc.	DFG/H/C Series	Rooftop a/c or HP	3-25	35-240	ECM	Fixed	Scroll	Single, Two	Up to 3.5	Up to 8 HSPF	Up to 14 SEER	Up to 14 IEER	R-410A	N/A
Daikin Commercial Unitary	Daikin Comfort Technologies North America Inc.	DRG/H Series	Rooftop a/c or HP	3-12.5	36-137	ECM	Variable, Standard, Medium, High Static options	Scroll	Single	Up to 4	Up to 7.4 HSPF2	Up to 16.4 SEER2	Up to 12.2 EER2/ up to 17 IEER	R-410A	N/A
Daikin Commercial VRV	Daikin Comfort Technologies North America Inc.	EMERION, REYQ	Heat recovery[10]	6-20 single/22-40 dual modules	69-456	N/A	Variable	Inverter	Variable	Up to 6.27	Up to 26.3 SCHE	N/A	Up to 30 IEER	R-410A	N/A
Daikin Commercial VRV	Daikin Comfort Technologies North America Inc.	T-Series	Water-cooled HP or heat recovery	8, 10, 12[11]	69-252	DC	Variable	Inverter	Variable	Up to 6.27	Up to 26.3 SCHE	N/A	Up to 26.3 IEER	R-410A	N/A
Day & Night	International Comfort Products (ICP) – A Carrier Co.	RAV090H02A0AAA	Pkg. rooftop	7.5	86	ECM	Variable	Scroll	Two	N/A	N/A	N/A	11.4 EER	R-410A[1]	Yes
Friedrich Air Conditioning	Friedrich Air Conditioning	PDH12K3SGR3	Pkg. terminal HP	1	12	PSC	Fixed	Rotary	Single	3.46	N/A	N/A	11.8 EER	R-32	No
Friedrich Air Conditioning	Friedrich Air Conditioning	VHA18***RTQ	Heat pump	1	17.6	BLDC	Two	Rotary	Single	3.1	6.3 HSPF2	11.9 SEER2	10.6 EER2	R-410A	No
Fujitsu General America	Fujitsu General America	VU-V Series	Heat pump	Up to 36	Up to 432	BLDC	Variable	Scroll, Inverter	Modulating	Up to 4.42	N/A	N/A	Up to 29 IEER	R-410A	No
Greenheck	Greenheck	RV/RVE/RVC Series	DOAS or pkg. rooftop	3-70	3-70	PSC, ECM[12]	Variable	Scroll, Inverter	Modulating	Up to 3.55 (ASHP)	N/A	Up to 19.2 SEER	Up to 21.4 IEER	R-410A[1]	Yes
Haier	GE Appliances Air & Water Solutions	MRV-5H	VRF dual HP/ heat recovery	6-20	72-240	ECM	Variable	Scroll	Modulating	Up to 3.6	N/A	N/A	Up to 13 EER	R-410A	No
Heil	International Comfort Products (ICP) – A Carrier Co.	RAV120H02A0AAA	Pkg. rooftop	10	98	ECM	Variable	Scroll	Two	N/A	N/A	N/A	11.2 EER	R-410A[1]	Yes
KeepRite	International Comfort Products (ICP) – A Carrier Co.	RAV150H02A0AAA	Pkg. rooftop	12.5	133	ECM	Variable	Scroll	Two	N/A	N/A	N/A	10.4 EER	R-410A[1]	Yes
Koldwave	Koldwave	6WC	Water-cooled a/c	1-2	N/A	N/A	Variable	N/A	N/A	N/A	N/A	N/A	N/A	R-410A	No
Koldwave	Koldwave	7KK	Portable a/c	N/A	13.6-21	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	R-410A	N/A
Lennox	Lennox Commercial	Enlight, LDT	Rooftop HP	2-20	24-240	ECM	Variable	Scroll	Two	3.9	8.5 HSPF	N/A	16.5 IEER	R-410A	Yes
Lennox Commercial	Lennox Commercial	Model L, LGM, LCM	Pkg. rooftop	3-25	36-270	ECM	Variable	Inverter	Modulating	N/A	N/A	22.5 SEER	15 EER	R-410A	Yes
LG Electronics	LG Electronics	M3 DOAS, ARND063DER4	Heat pump	3.5	42	BLDC	Variable	Inverter	Modulating	N/A	N/A	N/A	N/A	R-410A	No
Mojave	Mojave Energy Systems	ArctiDry	DOAS	15-40	180-480	ECM	Variable	Scroll, Inverter	Modulating	3-6	N/A	8 lb/kWh ISMRE	19.1 IEER	R-454B	No
Multiaqua Inc	Multiaqua Inc.	MAC	Chiller	3-10	36-120	PSC	Fixed	Scroll	Two	3.15	N/A	N/A	10.74 EER	R-407c	No
Nortek Air Solutions	Nortek Air Solutions	Air-source HP	Air-source HP	25-120	N/A	ECM	N/A	N/A	N/A	2-3.5[13]	N/A	N/A	N/A	N/A	N/A
Oxbox	Oxbox	J4PRG	Pkg. gas/elec.	7.5-12.5	90-150	ECM[14]	Multi[15]	Scroll	Two	N/A	N/A	N/A	11-11.2 IEER	R-410A	Yes
Rheem Mfg. Co.	Rheem Mfg. Co.	Renaissance Line Classic Plus Series, RACC/RGECZT036, RACC/ RGECZT048, RACC/RGECZT060	Pkg. gas/elec. and a/c	3-5	Up to 61	ECM	Variable	Scroll	Two	N/A	N/A	16.2 SEER2/17 SEER	12 EER2/12.5 EER	R-410A	Yes
SpacePak	SpacePak	CC32-18, CC32-40, CC32-60	Air-to-water HP	1.5–5	N/A	ECM	Variable	Rotary	N/A	N/A	N/A	N/A	N/A	R-32	No
Tempstar	International Comfort Products (ICP) – A Carrier Co.	RAV180H02A0AAA	Pkg. rooftop	15	174	ECM	Variable	Scroll	Two	N/A	N/A	N/A	11 EER	R-410A[1]	Yes
Trane	Trane	SWUD[16]	Self-contained unit	20-110	N/A	ECM	Variable evaporator fans	Scroll	Single	N/A	N/A	N/A	16.2-18.8 EER/19.6-22.8 IEER	R-454B	Yes
Trane	Trane	Thermafit, TACW	Chiller	65-135 per module[17]	N/A	N/A	Variable	N/A	Modulating	N/A	N/A	N/A	Up to 19.5 EER	R-513A	No
United CoolAir	United CoolAir	Alpha Aire II	DOAS[18]	5-10	900–2,500 CFM	ECM	Variable	N/A	Modulating	3.3 ISCOP2	N/A	N/A	5.2 ISMRE2	R-410A	No
United CoolAir	United CoolAir	EZ-Fit	Water-source HP[19]	10-35[20]	N/A	ECM for supply and exhaust plenum fans	Variable	Scroll	Modulating	N/A	N/A	N/A	N/A	R-410A	No
WaterFurnace	WaterFurnace Intl.	Versatec 700	Water-source HP	2-15	180 (ground loop)	N/A	Variable	Scroll	Modulating	Up to 4.5 (ground loop)	N/A	N/A	Up to 40 EER[21]	R-410A	Yes
YORK	Johnson Controls	YVWH-200	Water-to-water HP	200 (703 kW)	2,400	Three-phase asynchronous induction	Variable	Rotary	Modulating	3.6 SHC	n/a	N/A	N/A	R-1234ze or R-515B	Yes

[1] Transitioning to R-454B as required
[2] WLHP: 6.1-64 MBtuh; GLHP: 6.35-6.5 MBtuh; GWHP: 6.75-71 MBtuh
[3] WLHP: 4.45-4.9 COP; GLHP: 3.19-3.8 COP; GWHP: 4-4.7 COP
[4] WLHP: 12-15.6 EER; GLHP: 14.32-16.2 EER; GWHP: 14.6-17.6 EER
[5] Up to 6.5 full load COP and 10.6 part load COP in certain configurations
[6] Three-stage cooling capacity with uneven tandem scroll compressors
[7] Full load cooling efficiencies of up to 13.1 EER and a part-load cooling efficiency of up to 20.8 IEER
[8] ECM constant torque and ECM constant volume options
[9] .5 kW/ton at full-load efficiency AHRI conditions and 0.3 kW/ton at IPLV part load efficiency
[10] Split-system variable refrigerant volume heat recovery
[11] Manifold together up to three units for up to 36 tons
[12] ECM-condenser fan only
[13] Up to 4.5 COP with energy recovery
[14] VFD, indoor blower, belt-driven, forward curve centrifugal fans with adjustable motor sheaves. Motors thermally protected. Meet US Energy Policy Act (EPACT).
[15] Multi-speed fan control (VFD) changes the speed of the fan to 70% of full airflow based off of compressor stages
[16] Self-contained water-cooled unitary device (SWUD)
[17] Expandable to 1,000-ton bank
[18] Single package, indoor, air-source heat pump with energy recovery
[19] Modular, self-contained, water-source heat pump with energy recovery, designed for 100% outdoor air applications. Also available as a DOAS unit without the ERV section.
[20] 3,000 to 21,000 CFM, 10-35 tons for single modules, 30 to 70 tons for dual modules
[21] Up to 40 EER part load on 10-ton unit