

Brand	Company	Model	Type	Unit Size (in tons)	Cooling Capacity (MBtu/h)	Motor Technology	Motor Speed	Compressor Technology	Stages	COP	HSPF	SEER	EER	Refrigerant	Economizers Available
AAON	AAON Inc	RN Series, RNE-Gen3	Pkg. rooftop	55-140	660-1,680	ECM, BLDC, Permanent magnet AC	Variable	Scroll, Inverter	Modulating	MDNS¹	MDNS¹	Up to 17.9 IEER	Up to 11.1	R-410A	Yes
Allied Air Enterprises - Allied Commercial	Allied Air Enterprises- Allied Commercial	K-Series, KGB240H4MH1G	Pkg. gas/elec. rooftop	20	238	Single-zone VAV	Variable	Scroll	Two	MDNS¹	MDNS¹	14.5 IEER	12	R-410A	Yes
Arcoaire	International Comfort Products	RAH 073	Pkg. rooftop a/c	6	72	PSC	Fixed, Variable	Scroll	Two	MDNS¹	MDNS¹	MDNS¹	12.2	R-410A	Yes
Arcoaire	International Comfort Products	RAW 036-060	Pkg. rooftop a/c	3-5	35.2-60	ECM	Variable	Scroll	Two	MDNS¹	MDNS¹	Up to 16	Up to 12	R-410A	Yes
Bard	Bard Mfg. Co.	MEGA-TEC	Air conditioner	7.5-15	30-178	ECM	Variable	Scroll	Three²	MDNS¹	MDNS¹	MDNS¹	Up to 11.2	R-410A	Yes
Bard	Bard Mfg. Co.	WA Series	Air conditioner	1-6	13-71	ECM	Five-speed	Scroll	Single	MDNS¹	MDNS¹	MDNS¹	Up to 11.3	R-410A	Yes
Bryant	Bryant	Legacy Series, 547K	Pkg. rooftop HP	3-6	36-72	ECM	Fixed, Variable	Scroll	Single, Two	Up to 3.8	Up to 8.2	14.3	11.2 (6-ton)	R-410A	Yes
Bryant	Bryant	Legacy Series, 582K	Pkg. gas/elec. rooftop	3-6	36-72	ECM	Fixed, Variable	Scroll	Single, Two	MDNS¹	MDNS¹	14	MDNS¹	R-410A	Yes
Carrier	Carrier	WeatherExpert, 48JC	Pkg. gas/elec. rooftop	3-5	36-60	ECM	Variable	Inverter	Modulating	MDNS¹	MDNS¹	20	MDNS¹	R-410A	Yes
Carrier	Carrier	WeatherMaster, 50GCQ	Pkg. HP	3-5	36-60	ECM	Variable	Scroll	Two	Up to 3.9	Up to 8.3	16.2	MDNS¹	R-410A	Yes
Comfort-Aire/Century	MARS/Heat Controller	HRC09-HRC18	Water-source HP	.75-1.5	8.6-15.6	PSC	Three-speed	Rotary	Single	3.3-5.1	MDNS¹	MDNS¹	12.2-14.9	R-410A	No
Comfortmaker	International Comfort Products	CHS 180-240	Split-system HP	15-20	178-222	PSC	Fixed	Scroll	Two	Up to 3.5	MDNS¹	MDNS¹	Up to 10.7	R-410A	Yes
Comfortmaker	International Comfort Products	RGV 036-072	Pkg. gas/elec. rooftop	3-6	34.4-70	ECM	Fixed, Variable³	Scroll	Single, Two⁴	MDNS¹	MDNS¹	Up to 14 (single stage)	Up to 11.6 (single stage), 11.2 (two stage)	R-410A	Yes
Daikin Applied	Daikin Applied	Magnitude, TMC	Water-to-water HP	86-400	1,032–4,800	Permanent magnet⁵	Variable	Inverter	Two	10-11	MDNS¹	MDNS¹	MDNS¹	R-134a	Yes
Daikin Applied	Daikin Applied	SmartSource, GOV	Water-source HP	6-14	72-168	ECM	Variable	Scroll	Eight⁶	Varies	MDNS¹	MDNS¹	Varies	R-410A	No
Daikin Commercial Unitary	Daikin North America	DBC/G/H Series	Rooftop a/c, HP, gas/elec.	3-25	35-240	MDNS¹	Two-speed supply fan	Scroll	Single	MDNS¹	MDNS¹	Up to 14	Up to 11.5	R-410A	Yes
Daikin Commercial Unitary	Daikin North America	DVS	DOAS for VRV	MDNS¹	MDNS¹	ECM supply and exhaust	Variable	Inverter	Modulating	MDNS¹	MDNS¹	MDNS¹	MDNS¹	R-410A	Yes
Daikin VRV	Daikin North America	T-Series	Heat recovery or HP	8-12⁷	69-252	DC	Variable	Inverter	Variable	Up to 6.27	Up to 26.3 SCHE	Up to 26.3 IEER	MDNS¹	R-410A	No
Daikin VRV	Daikin North America	VRV IV X	Heat recovery or HP	6-38	69-228	DC	Variable	Inverter	Variable	Up to 4.7	Up to 26.7 SCHE	Up to 24.8 IEER	MDNS¹	MDNS¹	No
Day & Night	International Comfort Products	RGH 181-303	Pkg. gas/elec. rooftop	15-25	174-282	PSC	Fixed	Scroll	Two	MDNS¹	MDNS¹	MDNS¹	10.5-12	R-410A	Yes
Day & Night	International Comfort Products	RHV Series	Pkg. rooftop HP	3-6	36-72	ECM	Fixed, Variable³	Scroll	Single, Two⁴	Up to 3.8	8.2	Up to 14.3	Up to 11.8	R-410A	Yes
Eco-Series	First Co.	Fresh-Pak	Vertical pkg. unit	.75-2	9-24	ECM	Fixed	Scroll, Rotary	Single	3.5	MDNS¹	MDNS¹	11	R-410A	No
Friedrich Air Conditioning	Friedrich Air Conditioning	VRPstudio	Single pkg. HP	.75	7	ECM, BLDC	Variable	Rotary	Modulating	3.3	8.6	15.5	11	R-410A	No
Fujitsu	Fujitsu General America Inc.	Airstage	VRF HP and heat recovery	6-24	72-288	ECM	Variable	Rotary, Inverter	Modulating	Up to 4.06	MDNS¹	MDNS¹	Up to 12.5	R-410A	No
Gree	Gree Commercial USA	MTAC VRF, GMV-12WP/A-T(U)	Heat pump	1	12	BLDC	Variable	Rotary, Inverter	Modulating	3.2/2.5¹	9.5	16	8	R-410A	No
Greenheck	Greenheck	RV/RVE Series	DOAS or pkg. rooftop	3-70	MDNS¹	PSC, ECM⁸	Variable	Scroll, Inverter	Modulating	Up to 3.55 (ASHP)	MDNS¹	Up to 19.2	Up to 13.4	R-410A	Yes
Heil	International Comfort Products	CHS 072-121	Split-system HP	6-10	70-112	PSC	Fixed	Scroll	Single, Two	Up to 3.3	MDNS¹	MDNS¹	Up to 11	R-410A	Yes
Heil	International Comfort Products	RGW 036-060	Pkg. gas/elec. rooftop	3-5	35.2-60	ECM	Variable	Scroll	Two	MDNS¹	MDNS¹	Up to 16	Up to 12	R-410A	Yes
ICP Commercial	International Comfort Products	PGR5	Pkg. gas/elec. rooftop	2-5	23-57	ECM	Fixed	Scroll	Two	MDNS¹	MDNS¹	Up to 16	Up to 12.5	R-410A	Yes
ICP Commercial	International Comfort Products	RGH 181-303	Pkg. gas/elec. rooftop	15-25	174-282	PSC	Fixed	Scroll	Two	MDNS¹	MDNS¹	MDNS¹	10.5-12	R-410A	Yes
Johnson Controls	Johnson Controls	Premier	Rooftop a/c	25–80	250-1,500	AC frame	Fixed, Variable	Scroll, Inverter	Modulating⁹	MDNS¹	MDNS¹	Up To 16.9 IEER	Up to 11.4	R-410A	Yes
LG Electronics U.S.A. Inc.	LG Electronics U.S.A. Inc.	ARND203DCR4/ARND153DCR4	Indoor split DOAS	MDNS¹	MDNS¹	ECM	Fixed, Variable	Scroll, Inverter	Modulating	MDNS¹	MDNS¹	MDNS¹	MDNS¹	R-410A	No
LG Electronics U.S.A. Inc.	LG Electronics USA	ARND30UDBE4	Split rooftop DOAS	12	MDNS¹	ECM	Fixed, Variable	Scroll, Inverter	Modulating	6 ISCOP	MDNS¹	7.5 ISMRE	MDNS¹	R-410A	Yes
Mitsubishi Electric Trane HVAC US (METUS)	Mitsubishi Electric Trane HVAC US (METUS)	PKFY-NLMU	Indoor HP	.33-1.5	4-18	ECM	Variable	Inverter	Variable	MDNS¹	MDNS¹	MDNS¹	MDNS¹	R-410A	No
Modine Mfg.	Modine Mfg.	Atherion	DOAS	15-30	600	MDNS¹	Variable	Scroll	Modulating	MDNS¹	MDNS¹	MDNS¹	MDNS¹	MDNS¹	Yes
Napoleon	Napoleon	Condo Pack	MDNS¹	MDNS¹	12-23	ECM	MDNS¹	MDNS¹	MDNS¹	MDNS¹	MDNS¹	12	MDNS¹	R-410A	MDNS¹
Perfect Aire LLC	Perfect Aire LLC	Quick Connect, 3PAMSHQC18	Mini-split	1.5	18	BLDC	Variable	Inverter	Modulating	3.4	11.6	23.3	13	R-410A	No
Perfect Aire, LLC	Perfect Aire, LLC	Quick Connect, 3PAMSHQC18-MZO2	Mini-split	1.5	18	BLDC	Variable	Inverter	Modulating	3.45	10	21.2	12.5	R-410A	No
Quantech	Quantech	QWC4	Chiller	120-300	MDNS¹	ECM	Variable	Rotary	Single	MDNS¹	MDNS¹	MDNS¹	MDNS¹	R-134a	Yes
Rheem Mfg. Co.	Rheem Mfg. Co.	Renaissance, RHPCZR036, RHPCZR048, RHPCZR060, RHPCZT072	Pkg. HP	3-6	36-72	ECM, PSC with VFD	Variable	Scroll	Single¹⁰	3.4-3.7	8 (3-5 ton)	14-14.1 IEER	11	R-410A	Yes
Samsung	Samsung HVAC	WindFree, AM048NN4DCH/AA	Heat pump	4	48	BLDC	Variable	MDNS¹	MDNS¹	MDNS¹	MDNS¹	MDNS¹	MDNS¹	R-410A	No
TempMaster	Johnson Controls	Omni	Rooftop a/c	25-80	250-1,500	AC frame	Fixed, Variable	Scroll, Inverter	Modulating⁹	MDNS¹	MDNS¹	Up To 16.9 IEER	Up to 11.4	R-410A	Yes
Tempstar	International Comfort Products	PHR5	Pkg. HP	2-5	23-57	ECM	Fixed	Scroll	Two	Up to 3.9	Up to 8.5	Up to 15.5	Up to 12.5	R-410A	Yes
Tempstar	International Comfort Products	RAV 036-072	Pkg. rooftop a/c	3-6	34.4-70	ECM	Fixed, Variable³	Scroll	Single, Two⁴	MDNS¹	MDNS¹	Up to 14 (single stage)	Up to 11.8 (single stage), 11.2 (two stage)	R-410A	Yes
United CoolAir	United Coolair LLC	Alpha Aire	DOAS HP	3	39	ECM	Variable	MDNS¹	MDNS¹	8 ISCOP	MDNS¹	MDNS¹	11.1 ISM-RE	R-410A	No
Vertiv	Vertiv	VRC-S	Micro data center system	Varies¹¹	3.5 kW	MDNS¹	Variable	Inverter	MDNS¹	MDNS¹	MDNS¹	MDNS¹	MDNS¹	R-410A	No
WaterFurnace	WaterFurnace Intl.	Versatec XL	Water source HP	7-15 (horizontal); 7-30 (vertical)¹²	Varies	ECM	Variable	Scroll	Single, Two	3.2-5.6	MDNS¹	MDNS¹	12.1-31¹³	R-410A	Yes
WaterFurnace	WaterFurnace Intl.	WC	Water-cooled chiller	20-80	265-990	MDNS¹	MDNS¹	Scroll	Two	8-plus¹⁴	MDNS¹	MDNS¹	Up to 22.4	R-410A	No
The Whalen Co.	The Whalen Co.	Closetline	Water-source HP	.5-5	6-58	ECM	Variable	Rotary	Single	Up to 5.6	MDNS¹	MDNS¹	Up to 17	R-410A	Yes
The Whalen Co.	The Whalen Co.	Inteli-line	Water-source HP	300-1,200 cfm	7.3-43.2	PSC, ECM	MDNS¹	MDNS¹	Single	MDNS¹	MDNS¹	MDNS¹	MDNS¹	MDNS¹	MDNS¹
YORK	Johnson Controls	Sun Premier	Rooftop a/c	25–80	250-1,500	AC frame	Fixed, Variable	Scroll, Inverter	Modulating⁹	MDNS¹	MDNS¹	Up to 16.9 IEER	Up to 11.4	R-410A	Yes
YORK	Johnson Controls	YZ	Chiller	150-2,020	MDNS¹	High-speed induction	Variable	MDNS¹	Single	7.26-7.484	MDNS¹	MDNS¹	MDNS¹	R-1233zd(E)	No
YORK	Johnson Controls	YZ	Chiller	150-2,020	MDNS¹	High-speed induction	Variable	MDNS¹	Single	7.26-7.484	MDNS¹	MDNS¹	MDNS¹	R-1233zd(E)	No

¹ Manufacturer did not specify
² Three stages of cooling; one-stage compressor and two-stage compressor
³ The 072 model has variable motor speed.
⁴ The 072 model has two compressor stages.
⁵ Hermetically sealed, permanent magnet, synchronous motor
⁶ Eight stages using multi-stage tandem compressors
⁷ Manifold together up to three units for up to 36 tons.

⁸ ECM is condenser fan only
⁹ Premier on-off compressors supply 7-plus steps of staging
¹⁰ 6-ton; two-stage Copland Scroll UltraTech compressor
¹¹ Four rack sizes (at either 800 mm or 600 mm) and two voltage options (120V or 208V)
¹² The vertical 20- to 30-ton units are take-aparts.
¹³ Range of 12.4-31 for part load, and 12.1-24 for full load.
¹⁴ Can exceed 8 when capturing simultaneous heating and cooling load.