

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 Inc.	WV Series, 006-015	Water-source/ geothermal HP	.5-1.5	6-15	ECM	Variable	Rotary	Single	Up to 6	MDNS ¹	MDNS ¹	Up to 16.2	R-410A	Yes
Arcoaire	International Comfort Products	RAW 036-060	Pkg. rooftop a/c	3-5	35.2-60	ECM	Variable	Scroll	Two	MDNS ¹	MDNS ¹	Up to 16	Up to 12	R-410A	Yes
Arcoaire	International Comfort Products	RGV 036-072	Pkg. gas/elec. rooftop	3-6	34.4-70	ECM	Fixed	Scroll	Single; Two	MDNS ¹	MDNS ¹	Up to 14 (single)	Up to 11.2 (two)-11.8 (single)	R-410A	Yes
Bard	Bard Mfg. Co. Inc.	All IN Next Generation	Wall-mount a/c	1-6	18-71	ECM	Four-speed	Scroll	Single	MDNS ¹	MDNS ¹	MDNS ¹	Up to 11.3	R-410A	Yes
Bard	Bard Mfg. Co. Inc.	MEGA-TEC	Air conditioner	7.5-12	30-146	ECM	Variable	Scroll	Three ²	MDNS ¹	MDNS ¹	MDNS ¹	Up to 11.2	R-410A	Yes
Bryant	Bryant	Legacy Series, 580J	Pkg. gas/elec. rooftop	15-27.5	180-330	PSC	Variable	Scroll	Two	MDNS ¹	MDNS ¹	MDNS ¹	Up to 12.7	R-410A	Yes
Bryant	Bryant	Legacy Series, 582K	Pkg. gas/elec. rooftop	3-6	36-72	ECM	Variable	Scroll	Single; Two	MDNS ¹	MDNS ¹	14	MDNS ¹	R-410A	Yes
Cambridge Air Solutions	Cambridge Air Solutions	E-Series	Direct evap. cooling	MDNS ¹	MDNS ¹	PSC	Fixed; Variable	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹
Carrier	Carrier Commercial HVAC NA	WeatherMaker, 48FC	Pkg. gas/elec. rooftop	3-6	36-72	ECM	Variable	Scroll	Single; Two	MDNS ¹	MDNS ¹	14	MDNS ¹	R-410A	Yes
Carrier	Carrier Commercial HVAC NA	WeatherMaster, 48GC	Pkg. gas/elec. rooftop	3-5	36-60	ECM	Variable	Scroll	Two	MDNS ¹	MDNS ¹	16	MDNS ¹	R-410A	Yes
Comfort-Aire/ Century	MARS/Comfort-Aire/ Century	HBH018-060A1C303RW	Water-source HP	1.5-5	18-60	ECM	Variable	Scroll	Two	4.3-5	MDNS ¹	MDNS ¹	18.1	R-410A	Yes
Comfortmaker	International Comfort Products	CHS 180-240	Split-system HP	15-20	178-222	PSC	Fixed	Scroll	Two	Up to 3.5	MDNS ¹	MDNS ¹	Up to 10.7	R-410A	Yes
Comfortmaker	International Comfort Products	RGH 181-303	Pkg. gas/elec. rooftop	15-25	174-282	PSC	Fixed	Scroll	Two	MDNS ¹	MDNS ¹	MDNS ¹	10.5-12	R-410A	Yes
Daikin Applied	Daikin Applied	Pathfinder, AWW	Air-cooled screw chiller	175-540	2,100–6,480	Other	Variable	Rotary; Inverter	Single	Varies	MDNS ¹	MDNS ¹	Varies	R-134a	Yes
Daikin Applied	Daikin Applied	Rebel Applied, DPSA	Pkg. rooftop	30-52	360-624	ECM	Variable	Scroll, Inverter	Modulating	MDNS ¹	MDNS ¹	MDNS ¹	11-plus	R-410A	Yes
Daikin Unitary	Daikin North America	DBC/G/H Series	Gas/elec. rooftop a/c, HP	3-25	35-240	MDNS ¹	Two-speed supply fan	Scroll	Single	MDNS ¹	MDNS ¹	Up to 14	Up to 11.5	R-410A	Yes
Daikin Unitary	Daikin North America	DVS	DOAS ³ for VRV	MDNS ¹	MDNS ¹	ECM supply, exhaust fan	Variable	Inverter	Modulating	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	R-410A	Yes
Daikin VRV	Daikin North America	T-Series	Water-cooled heat recovery or HP	8-12 ⁴	69-252	DC	Variable	Inverter	Variable	Up to 6.27	Up to 26.3 SCHE	Up to 26.3 IEER	MDNS ¹	R-410A	No
Daikin VRV	Daikin North America	VRV IX 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	MDNS ¹	MDNS ¹	No
Day & Night	International Comfort Products	PHR5	Pkg. HP	2-5	23-57	ECM	Fixed	Scroll	Two	Up to 3.09	Up to 8.5	Up to 15.5	Up to 12.5	R-410A	Yes
Day & Night	International Comfort Products	RHH 036-072	Pkg. rooftop HP	3-6	36.4-72	PSC	Fixed	Scroll	Single	3.4	Up to 8.2	Up to 15.8	Up to 12.8	R-410A	Yes
Direct Air Management HVAC System	Direct Air Management (DAM) HVAC Systems	DAM-10, DAM-20	Heating/cooling system	10, 20	120, 240	ECM	Variable	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	Yes

¹ Manufacturer did not specify

² Two stages of cooling/one stage compressor and two-stage compressor/total of three stages of cooling

³ Dedicated outside air system

⁴ Manifold together up to three units for up to 36 tons

⁵ @47°F: Ducted: 3.32; Non-Ducted: 3.25|@17°F: Ducted: 2.28; Non-Ducted: 2.25

⁶ AHRI rated part load efficiency is greater than 16.1 IPLV – which exceeds ASHRAE 90.1 Path B requirements

⁷ AHRI rated full load efficiency is greater than 9.7 – which exceeds ASHRAE 90.1 Path B requirements

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
Friedrich Air Conditioning	Friedrich Air Conditioning	Floating Air Pro Series, FPH-C363A	Heat pump	3	36	BLDC	Variable	Inverter	Modulating	3.31	10.5	19.5	10.6	R-410A	No
Friedrich Air Conditioning	Friedrich Air Conditioning	Vert-I-Pak, VHA24K50RTP	Pkg. HP	2	22.5	PSC; ECM; BLDC	Variable	Rotary	Single	3.3	MDNS ¹	MDNS ¹	11	R-410A	No
Fujitsu General America Inc.	Fujitsu General America	Airstage J-III L Series	Heat pump	6-10	72-120	BLDC	Variable	Rotary; Inverter	Single	3.64-4.19	MDNS ¹	MDNS ¹	Up to 12.1	R-410A	No
Heil	International Comfort Products	CHS 072-121	Split-system HP	6-10	70-112	PSC	Fixed	Scroll	Single	Up to 3.3	MDNS ¹	MDNS ¹	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	MDNS ¹	MDNS ¹	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	MDNS ¹	MDNS ¹	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	MDNS ¹	MDNS ¹	MDNS ¹	10.5-12	R-410A	Yes
Lennox	Lennox Industries Inc.	Landmark KGB/KCB	Pkg. a/c	2-25	24-300	ECM	Variable	Scroll	Two	MDNS ¹	MDNS ¹	Up to 16	Up to 12.5	R-410A	Yes
Lennox VRF	Lennox Industries Inc.	VRB	VRF HP	16	192	BLDC	Variable	Inverter	Modulating	2.25-3.32 ²	MDNS ¹	21.2-21.3	10.9-11.2	R-410A	MDNS ¹
LG Air Conditioning Technologies	LG Air Conditioning Technologies	AR-DR12-xxA, AR-DR22-xxA, AR-DE12-xxA, AR-DE22-xxA	Rooftop DOAS ³	5-30	60-360	ECM	Fixed; Variable	Scroll; Inverter	Modulating	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	R-410A	Yes
Mitsubishi Electric Trane HVAC US	Mitsubishi Electric Trane HVAC US (METUS)	N-Generation	Outdoor/condensing unit	6-36	72-432	ECM	Variable	Inverter	Variable	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	R-410A	No
Nortek	Nortek	Computer Room Air Handler (CRAH)	Chilled water air handler	20-90	232-1,030	ECM	Variable	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	No
Panasonic	Panasonic	ECO Ventilate EVK Series	DOAS ³	10-100	MDNS ¹	ECM	Variable	Inverter	Modulating	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	R-410A	Yes
Rheem	Rheem	Renaissance	Pkg. rooftop	3-6	36-72	ECM	Variable	Scroll	Single, Two	3.5-3.7	8	11.2	14	R-410A	Yes
SpacePak	SpacePak	SIM-060	Air-to-water HP	5	49	ECM	Variable	Inverter	Modulating	Varies	MDNS ¹	MDNS ¹	MDNS ¹	R-410A	No
Tempstar	International Comfort Products	RAH 073	Pkg. rooftop a/c	6	72	PSC	Fixed	Scroll	Two	MDNS ¹	MDNS ¹	MDNS ¹	12.2	R-410A	Yes
Tempstar	International Comfort Products	RAV 036-072	Pkg. rooftop a/c	3-6	34.4-70	ECM	Fixed	Scroll	Single; Two	MDNS ¹	MDNS ¹	Up to 14 (single)	Up to 11.2 (two)-11.8 (single)	R-410A	Yes
Trane	Trane	Ascend, ACS	Air-cooled chiller	140-230	1,680-2,760	ECM	Fixed; Variable	Scroll	Single	MDNS ¹	MDNS ¹	16.1-plus IPLV ⁶	9.7-plus ⁷	R-410A	No
Trane / Mitsubishi Electric	Trane	N-Gen CITY MUTLI Y Series	Heat pump	6-36	72-432	ECM	Variable	Scroll	Modulating	4.05 (6-ton)	MDNS ¹	MDNS ¹	13.5	R-410A	No
The Whalen Co.	The Whalen Co.	Closetline	Pkg. water-source HP	.5--5	6-58	ECM	Variable	Rotary	Single	Up to 5.6	MDNS ¹	Up to 17	MDNS ¹	R-410A	Yes
The Whalen Co.	The Whalen Co.	Whisperline	Water-source HP	2-3	18-37	ECM	MDNS ¹	Scroll	Two	MDNS ¹	MDNS ¹	MDNS ¹	Up to 18.5	R-410A	MDNS ¹

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