

2019 New Commercial Heating Products															
Brand	Company	Model	Type of Heater	Fuel Type	Unit Size (in tons)	MBTUH	COP	HSPF	SEER	AFUE (%)	Motor Technology	Motor Speed	Gas Valve Stages	Compressor Technology	Compressor Stages
AAON	AAON	RN Series	Rooftop unit	Gas, propane, electric	6-140	90-2,400	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	PSC; ECM; Shaded Pole; TEFC ²	Fixed; Variable	Single; Two; Modulating	Scroll; Inverter	Single; Two; Modulating; Multi
AAON	AAON	WH/WV (072-150)	Water-source / geothermal HP	MDNS ¹	6-12.5	94-160	Up to 4.9	MDNS ¹	Up to 16 EER	MDNS ¹	ECM	Variable	MDNS ¹	Scroll	Two
Advanced Thermal Hydronics	Advanced Thermal Hydronics	KN-Series Plus	Boiler	Gas/LP	MDNS ¹	600-4,000	MDNS ¹	MDNS ¹	MDNS ¹	Up to 99	MDNS ¹	MDNS ¹	Modulating	MDNS ¹	MDNS ¹
AERCO	AERCO	Benchmark Platinum 6000	Boiler	Gas	MDNS ¹	6,000	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	BLDC	Variable	Modulating	MDNS ¹	MDNS ¹
Allied Commercial	Allied Air Enterprises	K-Series	Pkg. rooftop	Gas/electric, electric/electric	2-25	65-270	Up to 3.9	Up to 8.5	Up to 16.5	80	ECM; VFD	Single-zone VAV	Single	Scroll	Single
Arcoaire	International Comfort Products	PGR5	Pkg. unit	Gas/electric	2-5	40-127	MDNS ¹	MDNS ¹	Up to 16	Up to 81	ECM	Fixed	Two	Scroll	Two
Arcoaire	International Comfort Products	RGV Series	Pkg. rooftop	Gas/electric	3-6	53-120	MDNS ¹	MDNS ¹	14	Up to 82	ECM	Variable	Single; Two	Scroll	Single; Two
Bard	Bard	W18HB-W36HB	Heat pump	Electric	1.5-3	9.685-31.66	3.3-3.5	MDNS ¹	MDNS ¹	MDNS ¹	ECM	5-speed	MDNS ¹	Scroll	Single
Bard	Bard	W42HC-W60HC	Heat pump	Electric	3.5-5	24.752-50.712	3.3	MDNS ¹	MDNS ¹	MDNS ¹	ECM	5 speed	MDNS ¹	Scroll	Single
Beacon Morris	Beacon Morris	Optum	Unit heater	Gas/LP	MDNS ¹	50-400	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	PSC	MDNS ¹	Modulating	MDNS ¹	MDNS ¹
Bryant Heating & Cooling Systems	Bryant Heating & Cooling Systems	Legacy Series Line, 575J	Split-system HP	Electric	6-20	66-214	3.5	MDNS ¹	Up to 13.8 IEER	MDNS ¹	PSC	Variable	MDNS ¹	Scroll	Single; Two
Bryant Heating & Cooling Systems	Bryant Heating & Cooling Systems	Legacy Series, 582K	Pkg. rooftop	Gas/electric	3-6	53-120	MDNS ¹	MDNS ¹	14	Up to 82	ECM	Variable	Single; Two	Scroll	Single; Two
Cambridge Engineering	Cambridge Engineering	ESC	Direct fired	Gas	MDNS ¹	200-6,000	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	PSC	Fixed; Variable	Modulating	MDNS ¹	MDNS ¹
Carrier	Carrier	WeatherExpert Series, 48LC*B	Pkg. VAV rooftop	Gas/electric	6-23	50-400	MDNS ¹	MDNS ¹	Up to 20.3 IEER	Up to 82	PSC	Variable	Two	Scroll	Modulating three-stage
Carrier	Carrier	WeatherMaster Series, 48GC	Pkg. rooftop	Gas/electric	3-5	53-120	MDNS ¹	MDNS ¹	16	Up to 82	ECM	Variable	Single; Two	Scroll	Two
Cleaver-Brooks	Cleaver-Brooks	CBEX Dryback	Boiler	Gas, propane	MDNS ¹	250-800	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹
Comfort-Aire/Century	Heat Controller LLC	HBH/HBV/HRC/HKV	Water-source HP	Electric	.5-25	Varies	Up to 5	MDNS ¹	MDNS ¹	MDNS ¹	PSC; ECM	Fixed; Variable	MDNS ¹	Scroll	Single; Two
Comfortmaker	International Comfort Products	NXH6 Performance Series	Split-system HP	Electric	3-5	36-60	Up to 4.16	Up to 8.5	Up to 15.4	MDNS ¹	ECM	Fixed	MDNS ¹	Scroll	Single
Comfortmaker	International Comfort Products	RGS089-120	Pkg. rooftop	Gas/electric	7.5-10	98-205	MDNS ¹	MDNS ¹	MDNS ¹	80-82	PSC	Variable	Two	Scroll	Two
Daikin Applied	Daikin	Rebel Applied, DP5A/DFSA	Pkg. rooftop	Gas, propane, electric	30-52	Up to 1,125	MDNS ¹	MDNS ¹	MDNS ¹	81 (gas)	ECM	Variable	Modulating ³	Scroll	Modulating; four-stage
Daikin Commercial Unitary	Daikin North America LLC	DCG	Rooftop	Gas	15-25	180-400	MDNS ¹	MDNS ¹	MDNS ¹	80	MDNS ¹	Two-speed supply fan	Two	Scroll	Single
Daikin Commercial Unitary	Daikin North America LLC	DTH/DTG	Rooftop	Gas, electric	3-5	46-138	MDNS ¹	8	MDNS ¹	80-81	EEM ⁴	Fixed	Two	Scroll	Single
Daikin VRV	Daikin North America LLC	VRV IV X	Heat pump	Electric	6-20-	77-256	Up to 4.7	Up to 26.7 SCHE	Up to 24.8 IEER	MDNS ¹	DC	Variable	MDNS ¹	Inverter	Variable-speed inverter
Daikin VRV	Daikin North America LLC	VRV T-Series	Water-source HP	Electric	8-12	81-486	Up to 6.27	Up to 26.3 SCHE	Up to 26.3 IEER	MDNS ¹	DC	Variable	MDNS ¹	Inverter	Variable-speed inverter
¹ Manufacturer did not specify				⁵ Single modules = 8, 10, 12: manifold together up to three units for up to 36											
² Totally enclosed, fan-cooled (TEFC) motor				⁶ Single speed. Available with 5 speed taps – two cool, two heat, one fan only											
³ Modulating control options from 5:1 to 100:1 turndown, four-stage control is also an option				⁷ Capable of high static operation (0.8 to 1.5 inch w.c.)											
⁴ Energy-efficient motor															

BRAND	COMPANY	MODEL	TYPE OF HEATER	FUEL TYPE	UNIT SIZE (IN TONS)	MBTUH	COP	HSPF	SEER	AFUE (%)	MOTOR TECHNOLOGY	MOTOR SPEED	GAS VALVE STAGES	COMPRESSOR TECHNOLOGY	COMPRESSOR STAGES
Day & Night	International Comfort Products	RGS089-120	Pkg. rooftop	Gas/electric	7.5-10	98-205	MDNS ¹	MDNS ¹	MDNS ¹	80-82	PSC	Variable	Two	Scroll	Two
Day & Night	International Comfort Products	RHH036-072	Pkg. rooftop HP	Electric	3-6	34-70	Up to 3.4	Up to 8.2	Up to 15.8	MDNS ¹	PSC	Fixed	MDNS ¹	Scroll	Single
Friedrich	Friedrich Air Conditioning	FreshAire, PVH09K3FB	Pkg. HP	Electric	.75	8.2-8.5	3.51	MDNS ¹	15 (equivalent)	MDNS ¹	PSC	Variable	MDNS ¹	Inverter	Modulating
Friedrich	Friedrich Air Conditioning	Vert-I-Pak, VHA09K	Electric	Heat pump	.75-2	8.2-8.6	3.3	MDNS ¹	11 EER	MDNS ¹	PSC	Fixed	MDNS ¹	MDNS ¹	MDNS ¹
Fujitsu General America	Fujitsu General America Inc.	Airstage J-IIIIL Series	Heat pump	Electric	6-10	77-129	Up to 4.19	MDNS ¹	MDNS ¹	MDNS ¹	BLDC	Variable	MDNS ¹	Scroll; Inverter	Modulating
GeoComfort	Enertech Global LLC	GZS 006-072, GZT 024-072	Ground-source HP	Electric	.5-6	5.2–57.9	4.4	MDNS ¹	MDNS ¹	MDNS ¹	PSC; ECM	Fixed; Variable	MDNS ¹	Scroll; Rotary	Single; Two
Heil	International Comfort Products	PHR5	Pkg. HP	Electric	2-5	24-60	Up to 3.7	Up to 8.5	Up to 15.5	MDNS ¹	ECM	Fixed	MDNS ¹	Scroll	Two
Heil	International Comfort Products	RGV Series	Pkg. rooftop	Gas/electric	3-6	53-120	MDNS ¹	MDNS ¹	14	Up to 82	ECM	Variable	Single; Two	Scroll	Single; Two
ICP Commercial	International Comfort Products	RGH090-150	Pkg. unit	Gas/electric	7.5-12.5	41-195	MDNS ¹	MDNS ¹	Up to 14.3 IEER	80-82	PSC	Fixed; Variable	Two	Scroll	Two
ICP Commercial	International Comfort Products	RGW Series	Pkg. rooftop	Gas/electric	3-5	53-120	MDNS ¹	MDNS ¹	16	Up to 82	ECM	Variable	Single; Two	Scroll	Two
Invizatherm	Indeeco	Thin Series	Radiant heater	Electric	MDNS ¹	Up to 14.747	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹
Laars Heating Systems	Laars Heating Systems	Commercial Electric Boiler	Boiler	Electric	MDNS ¹	204-1,020	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹
Laars Heating Systems	Laars Heating Systems	MagnaTherm HTD	Boiler	Gas	MDNS ¹	1,600-4,000	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	Modulating	MDNS ¹	MDNS ¹
Lennox	Lennox Industries	LF25	Utility/unit heater	Gas/LP	MDNS ¹	30-400	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	PSC	MDNS ¹	Two	MDNS ¹	MDNS ¹
LG Air Conditioning Technologies	LG Air Conditioning Technologies	Multi V 5	Outdoor HP	Electric	6-42	Up to 534	3.57 (non-ducted)	MDNS ¹	MDNS ¹	MDNS ¹	BLDC	Variable	MDNS ¹	Scroll; Inverter	Modulating
Magic-Pak	Allied Air Enterprises	M-Series MGE	Furnace	Gas/electric	.75-3	15-60	MDNS ¹	MDNS ¹	MDNS ¹	80	ECM	Single ⁶	Single	Scroll; Rotary	Single
Magic-Pak	Allied Air Enterprises	M-Series MHP	Heat pump	Electric	.75-3	MDNS ¹	3.3	MDNS ¹	MDNS ¹	MDNS ¹	ECM	Single ⁶	MDNS ¹	Scroll; Rotary	Single
Mammoth	Nortek Global HVAC	R7TQ	Pkg. unit	Gas/electric	6-12.5	100-225	MDNS ¹	MDNS ¹	12.7 IEER	80	Three-phase	Fixed; two-speed blower	Two	Scroll	Single; two independent circuits
Mitsubishi Electric Trane HVAC US (METUS)	Mitsubishi Electric Trane HVAC US (METUS)	CITY MULTI N-Generation	Outdoor unit	Electric	6–36	72–432	3.2-3.29 (ducted); 4.05-4.57 (non-ducted)	MDNS ¹	MDNS ¹	MDNS ¹	ECM	Variable	MDNS ¹	Inverter	Variable
Navien	Navien Inc.	NFB-175, NFB-200	Boiler	Gas	MDNS ¹	200	MDNS ¹	MDNS ¹	MDNS ¹	95	MDNS ¹	MDNS ¹	Modulating	MDNS ¹	MDNS ¹
Navien	Navien Inc.	NFB-301C, NFB-399C	Boiler	Gas	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	97.5	MDNS ¹	MDNS ¹	Modulating	MDNS ¹	MDNS ¹
Reznor	Nortek Global HVAC	R7DA	Direct outdoor air system (DOAS)	Gas/electric	6-12.5	100-225	MDNS ¹	MDNS ¹	MDNS ¹	81	ECM	Variable	Modulating	Scroll	Modulating
Rheem	Rheem	Commercial Renaissance Line, RGE CZR	Furnace	Gas	3-5	52.5-120	MDNS ¹	MDNS ¹	14	81	ECM; Constant Torque ⁷	Fixed	Two-stage inducers	Scroll	Single
Tempstar	International Comfort Products	RGW Series	Pkg. rooftop	Gas/electric	3-5	53-120	MDNS ¹	MDNS ¹	16	Up to 82	ECM	Variable	Single; Two	Scroll	Two
Tempstar	International Comfort Products	RHH090-120	Pkg. rooftop HP	Electric	7.5-10	84-116	Up to 3.5	MDNS ¹	Up to 13.7 IEER	MDNS ¹	PSC	Fixed; Variable	MDNS ¹	Scroll	Two
Trane	Trane - Ingersoll Rand	Axiom	Water-source HP	Electric	3-20	46-313	Up to 5.1 (water)	MDNS ¹	Up to 19.3 EER (ground)	MDNS ¹	PSC; ECM	Fixed; Variable	MDNS ¹	Scroll	Single; Two
WaterFurnace	WaterFurnace International	WV	Reversible chiller	MDNS ¹	175-275	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹
Weil-McLain	Weil-McLain	SVF 1500-3000	Boiler	Gas, propane	MDNS ¹	1,500-3,000	MDNS ¹	MDNS ¹	MDNS ¹	Up to 96.8	ECM	Variable	Modulating	MDNS ¹	MDNS ¹
Weil-McLain	Weil-McLain	SVF 750-1100	Boiler	Gas, propane	MDNS ¹	750-1,100	MDNS ¹	MDNS ¹	MDNS ¹	Up to 97.1	ECM	Variable	Modulating	MDNS ¹	MDNS ¹
The Whalen Co.	The Whalen Co.	Closetline	Water-source HP	Electric	.5-5	7.5-72	4.4-5.6	MDNS ¹	MDNS ¹	MDNS ¹	PSC; ECM	Fixed	MDNS ¹	Scroll	Single
The Whalen Co.	The Whalen Co.	Whisperline	Water-source HP	Electric	2-3	23.5-46.4	Up to 6.6	MDNS ¹	MDNS ¹	MDNS ¹	ECM	MDNS ¹	MDNS ¹	Scroll	Two
YORK	Johnson Controls	YHAP-C	Absorption HP	Waste heat	MDNS ¹	8.530–68.243	1.7	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹	MDNS ¹

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