

# PRODUCT SNAPSHOTS: 2010 COMMERCIAL COOLING SHOWCASE

Brand	Company	Model	Type	Unit Size (in tons)	Cooling Capacity (MBTUH)	Single/Multi Stage	Variable Speed	COP	HSPF	SEER	EER	Compressor Type	Refrigerant	Product Availability	Noise Level (in dBA)
AAON	AAON	RN Series	Packaged rooftop, HP and OA handling unit	6-70	72-840	Multi	Yes	4.2-4.8	MDNS <sup>1</sup>	MDNS <sup>1</sup>	14-19.4	Scroll	R-410A	Built to order	65
Arcoaire	ICP	RAS121	Packaged A/C rooftop	10	117	Single	No	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	11.2	Scroll	R-410A	Stocked, contact distributor	82
Arcoaire	ICP	RGS181	Rooftop	15	192	Multi	No	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	10.8	Scroll	R-410A	Stocked, contact distributor	84.1
Bard	Bard Mfg. Co.	Q-Tec, QWS Series	Geothermal pkg. HP	2-5	17.8-56	Multi	Yes	4.1-5.9	MDNS <sup>1</sup>	MDNS <sup>1</sup>	16.4-23	Scroll	R-410A	Contact distributor	MDNS <sup>1</sup>
Bryant Heating & Cooling	Bryant Heating & Cooling	580J/558J/548J	Constant volume	3-25	36-300	Multi	No	3.3	7.7	13	Up to 11.3	Scroll	R-410A	Stocked	As low as 78
Carrier	Carrier Corp.	WeatherMaster Series 48/50HC/Q	Constant volume packaged rooftop	3-25	36-300	Multi	No	3.4	8	Up to 15.6	Up to 13.2	Scroll	R-410A	Stocked, just-in-time	As low as 78
Century	Century	HBH Series	Water-source HP	2-5	23.7-59.4	Single	No	4.2-5	MDNS <sup>1</sup>	MDNS <sup>1</sup>	13.1-13.5	Scroll	R-410A	Stocked	MDNS <sup>1</sup>
Century	Century	HBV Series	Water-source HP	.5-5	5.8-59.4	Single	No	4.2-5	MDNS <sup>1</sup>	MDNS <sup>1</sup>	13.1-15.4	Scroll	R-410A	Stocked	MDNS <sup>1</sup>
ClimateMaster	ClimateMaster	Tranquility Large Vertical (TLV) Series	Water-source HP	7-25	83-340	Multi	Yes	4.7-5.1	MDNS <sup>1</sup>	MDNS <sup>1</sup>	14.0-15.3	Scroll	R-410A	Stocked, just-in-time, contact distrib.	MDNS <sup>1</sup>
Coleman	Johnson Controls Inc.	Comforteer, NL and UB	Packaged A/C, HP	2-5	24-60	Single	No	3.3-3.7	7.7	13	11.2-12.2	Scroll, recip., rotary	R-410A	Contact distributor	76-83
Comfort-Aire	Comfort-Aire	EKTC-G Series	PTAC	.6-1.25	7-15	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	9.8-12.2	Rotary	R-410A	Stocked	48-53 (indoor); 61-65 (outdoor)
Comfort-Aire	Comfort-Aire	HKV Series	Water-source HP	6-25	82-300	Single	No	4.7-5.1	MDNS <sup>1</sup>	MDNS <sup>1</sup>	14-15.3	Scroll	R-410A	Stocked	MDNS <sup>1</sup>
Comfortmaker	ICP	PGD3	Packaged gas/electric	2.5-5	28.6-57	Single	No	MDNS <sup>1</sup>	MDNS <sup>1</sup>	13	11	Scroll	R-410A	Stocked, contact distributor	75-78
Comfortmaker	ICP	RGS072	Packaged gas/electric rooftop	6	70	Single	No	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	11	Scroll	R-410A	Stocked, contact distributor	78
Daikin	Daikin AC	VRV-WIII / RWEYQ___PTJU	Water -source HP	Up to 21	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	Waiver	Waiver	Waiver	Waiver	Scroll, inverter	R-410A	Stocked	As low as 28 (indoor)
Day & Night	ICP	RGS060	Packaged gas/electric rooftop	5	59	Single	No	MDNS <sup>1</sup>	MDNS <sup>1</sup>	13	10.8	Scroll	R-410A	Stocked, contact distributor	78
Day & Night	ICP	RHS120	Packaged HP	10	117	Multi	No	3.3	MDNS <sup>1</sup>	MDNS <sup>1</sup>	11	Scroll	R-410A	Stocked, contact distributor	87
First Co.	First Co.	CL (X)	Air handler <sup>2</sup>	1.5-3	18-36	MDNS <sup>1</sup>	Yes	MDNS <sup>1</sup>	MDNS <sup>1</sup>	Up to 15	MDNS <sup>1</sup>	MDNS <sup>1</sup>	R-410A	Just-in-time	MDNS <sup>1</sup>
First Co.	First Co.	WHD/XHD	Air handler	2-20	MDNS <sup>1</sup>	Multi	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	R-410A/R-22	Just-in-time	MDNS <sup>1</sup>
Goodman	Goodman Mfg. Co.	CPC Series	Packaged A/C	Up to 12.5	146	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	13	Up to 11.5	Scroll	R-410A	Stocked	As low as 83
Goodman	Goodman Mfg. Co.	CPH Series	Heat pump	Up to 12.5	Up to 146	MDNS <sup>1</sup>	MDNS <sup>1</sup>	Up to 3.6	Up to 7.7	13	11.5	Scroll	R-410A	Stocked	As low as 83
Heil	ICP	RAS072	Packaged A/C Rooftop	6	70	Single	No	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	11.2	Scroll	R-410A	Stocked, contact distributor	78
Heil	ICP	RGS181-303	Packaged gas/electric rooftop	15-25	192-280	Multi	No	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	9.8-10.8	Scroll	R-410A	Stocked, contact distributor	84.1-85.9
Hydronika	Hydronika	Series CM	4-pipe chiller	5-25	72-300	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	16	Scroll	R-410A	Just-in-time	10
ICP Commercial	ICP	RGS060	Packaged gas/electric rooftop	5	59	Single	No	MDNS <sup>1</sup>	MDNS <sup>1</sup>	13	10.8	Scroll	R-410A	Stocked, contact distributor	78
ICP Commercial	ICP	RGS181-303	Packaged gas/electric rooftop	15-25	192-280	Multi	No	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	9.8-10.8	Scroll	R-410A	Stocked, contact distributor	84.1-85.9
International Environmental Corp.	International Environmental Corp.	HBC, VBY	Fan coils	1.5-10	12.8-230.1	Single	Yes	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	R-410A	Just-in-time	Contact factory
Lennox	Lennox Industries Inc.	Energence	Packaged rooftop unit	3-50	MDNS <sup>1</sup>	Multi	Yes	MDNS <sup>1</sup>	MDNS <sup>1</sup>	Up to 17	Up to 12.8	Scroll	R-410A	Stocked, just-in-time, built to order	MDNS <sup>1</sup>
Lennox	Lennox Industries Inc.	Landmark	Packaged rooftop unit	2-25	MDNS <sup>1</sup>	Multi	Yes	MDNS <sup>1</sup>	MDNS <sup>1</sup>	Up to 13	Up to 11.4	Scroll	R-410A	Stocked, just-in-time, built to order	MDNS <sup>1</sup>
Liebert	Emerson Network Power	CRV	Precision cool. system	5.5-11.5	84-170	Multi	Yes	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	Scroll	R-410A	Stocked	71.2-82.8
Luxaire	Johnson Controls Inc.	Climasure, NL and UB	Packaged A/C, HP	2-5	24-60	Single	No	3.3-3.7	7.7	13	11.2-12.2	Scroll, recip., rotary	R-410A	Contact distributor	76-83
Marvair	Marvair	ComPac HVPA	Packaged A/C	2-5	24-60	Multi	Yes	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	Up to 11.65	Scroll	R-410A	Stocked	MDNS <sup>1</sup>
McQuay International	McQuay International	Maverick II, MPS030	Packaged rooftop	30	30	Multi	Yes	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	11.5	Scroll	R-410A	Contact distributor, quick ship	MDNS <sup>1</sup>
Mitsubishi Electric	Mitsubishi Electric	P-Series H2i PUZ-36NHA2	Split system	MDNS <sup>1</sup>	34	Multi	Yes	MDNS <sup>1</sup>	10.4	16.8	MDNS <sup>1</sup>	Inverter	R-410A	Stocked	52
Reznor	Reznor/Thomas & Betts	RXH	Split system	5-20	60-240	Multi	Yes	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	Scroll	R-410A	Built to order	MDNS <sup>1</sup>
Rheem	Rheem	RKNL-C	Packaged gas/electric	3-25	36-294	Multi	No	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	Up to 11.5	Scroll	R-410A	Contact distributor	91
Robur	Robur Corp.	RTAR Series	Modular gas HP	9.6-28.8	191-346.2	Multi	Yes	0.61	11.3	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	R-717	Built to order	50-63 to 48-61
Tempstar	ICP	RAS181-303	Packaged A/C	15-25	192-280	Multi	No	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	10-11	Scroll	R-410A	Stocked, contact distributor	84.1-85.9
Tempstar	ICP	RGS121	Packaged gas/electric rooftop	10	117	Single	No	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	11	Scroll	R-410A	Stocked, contact distributor	82
Trane	Trane	Precedent T/YHC092-120E	Gas/electric <sup>3</sup>	7.5-10	92-120	Multi	Yes	MDNS <sup>1</sup>	MDNS <sup>1</sup>	MDNS <sup>1</sup>	13	Scroll	R-410A	Just-in-time	87
Unico	Unico Inc.	UniChiller Green Series	High velocity air handler	3, 5	3 tons: 34,000 5 tons: 54,000	34-54	No	2.4	MDNS <sup>1</sup>	MDNS <sup>1</sup>	8.1	Scroll	R-407C	Stocked	66
WaterFurnace	WaterFurnace International Inc.	Envision NXW Series <sup>4</sup>	Heat pump	8-50	MDNS <sup>1</sup>	Single	No	3.5	MDNS <sup>1</sup>	MDNS <sup>1</sup>	22.5	Scroll	R-410A	Contact distributor	Varies
WaterFurnace	WaterFurnace International Inc.	Versatec Ultra <sup>5</sup>	Heat pump	0.75-6	9-70	Single	Yes	3.8	MDNS <sup>1</sup>	MDNS <sup>1</sup>	18.5	Scroll, rotary	R-401A	Contact distributor	Varies
York	Johnson Controls Inc.	Latitude Series NM and UQ	Packaged A/C, HP	2-5	24-60	Single	No	3.3-3.7	7.7	13	11.2-12.2	Scroll, recip., rotary	R-410A	Contact distributor	76-83

<sup>1</sup> Manufacturer did not specify

<sup>3</sup> Gas/electric and cooling only with electric heat

<sup>5</sup> Versatec Ultra/ 009, 012, 015, 018, 023, 024, 030, 036, 041, 042, 048, 060, 070 (PCS motor and ECM 2.3 motor)

<sup>2</sup> Air handler with electric or hot water heat

<sup>4</sup> Envision NXW Series/ 096, 108, 120, 140, 180, 210, 240, 360, 540