

Commercial Convection Ovens Qualified Product List

List Posted on February 1, 2012

Below are currently qualified ENERGY STAR models available for sale in the U.S. and Canada.

Organization Name	Brand Name	Model Name	Model Number	Product Type	Input Rate		Tested Door Type	Additional Door Type Qualified	Cooking Energy Efficiency (%)	Idle Energy Rate		Additional Models Represented
					Btu/h	kW				Btu/h	kW	
Electric Convection Ovens												
Alto-Shaam, Inc.	Alto-Shaam	ASC-2E	ASC-2E	Half Size	N/A	5.0	Glass	N/A	71%	N/A	0.8	
Alto-Shaam, Inc.	Alto-Shaam	ASC-4E	ASC-4E	Full Size	N/A	10.4	Glass	N/A	73%	N/A	1.2	
Bevles/Bakers Pride/BKI/APW Wyott	APW Wyott		EBCOER21	Full Size	N/A	10.5	Glass	Solid	74%	N/A	1.4	
Bevles/Bakers Pride/BKI/APW Wyott	Bakers Pride		EBCOER21	Full Size	N/A	10.5	Glass	Solid	74%	N/A	1.4	BCO-E1, BCO-E2, GDCO-E1, GDCO-E2
Bevles/Bakers Pride/BKI/APW Wyott	Bevles		EBCOER21	Full Size	N/A	10.5	Glass	Solid	74%	N/A	1.4	
Bevles/Bakers Pride/BKI/APW Wyott	BKI		EBCOER21	Full Size	N/A	10.5	Glass	Solid	74%	N/A	1.4	COB-E, COM-E, COB-ES, COB-ED, COM-ES, COM-ED
Blodgett Oven Company	Blodgett	CTB/R1	CTB/R1	Half Size	N/A	5.6 / 6.8/ 8.0 (multiple input)	Glass	N/A	72%; 71%; 73%	N/A	1.0 / 1.0	
Blodgett Oven Company	Blodgett	Mark-V	MK111	Full Size	N/A	11.0	Glass	Solid	71%	N/A	1.5	
Blodgett Oven Company	Blodgett	SH1E	SH1E	Full Size	N/A	11.0	Glass	Solid	74%	N/A	1.5	SHO-E
Blodgett Oven Company	Blodgett	XCEL-50, EXCEL-50EC	XL-50E	Half Size	N/A	13.0	Glass	Solid	74%	N/A	0.6	XL-50EC
Blodgett Oven Company	Blodgett	Zephaire-240E Plus	Zephaire- 240E	Full Size	N/A	11.0	Glass	Solid	75%	N/A	1.5	
Blodgett Oven Company	Blodgett	Zephaire-E	Zephaire-E	Full Size	N/A	11.0	Glass	Solid	71%	N/A	1.6	Zephaire-E Plus and Zephaire-G Plus

Organization Name	Brand Name	Model Name	Model Number	Product Type	Input Rate		Tested Door Type	Additional Door Type Qualified	Cooking Energy Efficiency (%)	Idle Energy Rate		Additional Models Represented
					Btu/h	kW				Btu/h	kW	
Doyon Equipment Inc.	Doyon	Jet Air Plus Oven	JA5P2618	Full Size	N/A	8.5 / 11.2 (dual input)	Glass	Solid	73%; 73%	N/A	1.3 / 1.3	
Imperial Commercial Cooking Equipment	Imperial		ICVE-1	Full Size	N/A	11.0	Glass	Solid	72%	N/A	1.6	ICVE-2
Southbend	Southbend	Marathoner Gold, Silver Star, Bronze	ES/10	Full Size	N/A	11.0	Glass	Solid	80%	N/A	1.2	ES/20, SLES/10, SLES/20
Lang Manufacturing	Lang	CHEF SERIES	ECSF-ES	Full Size	N/A	12.3	Glass	N/A	76%	N/A	1.6	ECSF-EZ
Lang Manufacturing	Lang	LANG	ECOD-AP	Full Size	N/A	11.5	Glass	Solid	75%	N/A	1.5	Suffix options: -C, -S, -AT, -PP, -PT
Lang Manufacturing	Lang	LANG	ECOF-AT	Full Size	N/A	11.5	Glass	Solid	74%	N/A	1.5	Suffix options: -C, -S, -AP, -PP, -PT, -T
Lang Manufacturing	Lang	LANG	ECOH-AP	Half Size	N/A	7.8	Glass	Solid	77%	N/A	1.0	ECOH-PP, ECOH-PT
Moffat Limited	Moffat	Turbofan	E32D5	Full Size	N/A	6.5	Glass	Solid	78%	N/A	1.0	
Moffat Limited	Blue Seal	Turbofan	E32D5	Full Size	N/A	6.5	Glass	Solid	78%	N/A	1.0	
Wells Mfg.	Wells	M4200-208	M4200-208	Half Size	N/A	7.5	Solid		72%	N/A	1.0	
Wells Mfg.	Wells	M4200-240	M4200-240	Half Size	N/A	8.4	Solid		72%	N/A	1.0	
Gas Convection Ovens												
American Range Corporation	American Range	Majestic	M-1GL	Full Size	80,000	N/A	Glass	N/A	44%	10,842	N/A	M-1, M-2G
Bevles/Bakers Pride/BKI/APW Wyott	APW Wyott		455BCOGL1	Full Size	60,000	N/A	Glass	Solid	44%	11,753	N/A	
Bevles/Bakers Pride/BKI/APW Wyott	Bakers Pride		455BCOGL1	Full Size	60,000	N/A	Glass	Solid	44%	11,753	N/A	BCO-G1, BCO-G2, GDCO-G1, GDCO-G2
Bevles/Bakers Pride/BKI/APW Wyott	Bevles		455BCOGL1	Full Size	60,000	N/A	Glass	Solid	44%	11,753	N/A	
Bevles/Bakers Pride/BKI/APW Wyott	BKI		455BCOGL1	Full Size	60,000	N/A	Glass	Solid	44%	11,753	N/A	COM-GS, COM-GD, COB-GS, COB-GD
Blodgett Oven Company	Blodgett	DFG-100	DFG-100	Full Size	55,000	N/A	Glass	Solid	44%	12,160	N/A	

Organization Name	Brand Name	Model Name	Model Number	Product Type	Input Rate		Tested Door Type	Additional Door Type Qualified	Cooking Energy Efficiency (%)	Idle Energy Rate		Additional Models Represented
					Btu/h	kW				Btu/h	kW	
Blodgett Oven Company	Blodgett	DFG-200	DFG-200	Full Size	60,000	N/A	Glass	Solid	44%	12,280	N/A	
Blodgett Oven Company	Blodgett	SH1G	SH1G	Full Size	50,000	N/A	Glass	Solid	44%	12,218	N/A	SHO-G
Blodgett Oven Company	Blodgett	Zephaire-240G Plus	Zephaire-240G	Full Size	50,000	N/A	Glass	Solid	44%	10,959	N/A	
Blodgett Oven Company	Blodgett	Zephaire-G	Zephaire-G	Full Size	60,000	N/A	Glass	Solid	44%	12,283	N/A	
Duke Manufacturing Co.	Duke	613-G1	613-G1	Full Size	40,000	N/A	Glass	Solid	54%	12,280	N/A	613-G2
Duke Manufacturing Co.	Duke	E101-G	E101-G	Full Size	40,000	N/A	Glass	Solid	55%	12,091	N/A	E102-G, 613Q-G1, 613Q-G2
Garland Group (A division of Manitowoc Food Service)	Garland Group	MCO	MCO-GS-10ESS	Full Size	60,000	N/A	Glass	Solid	45%	11,357	NA	MCO-GS-20ESS
Hobart Corporation	Hobart	DGC5 Series	DGC501	Full Size	44,000	N/A	Solid	N/A	46%	11,850	N/A	DGC502
Hobart Corporation	Hobart	HGC Series	HGC501X	Full Size	44,000	N/A	Glass	N/A	47%	11,097	N/A	HGC502X
Hobart Corporation	Hobart	HGC Series	HGC501	Full Size	44,000	N/A	Glass	N/A	46%	11,850	N/A	HGC502
Imperial Commercial Cooking Equipment	Imperial		ICVG-1	Full Size	70,000	N/A	Glass	Solid	46%	10,758	N/A	ICVG-2
Lang Manufacturing	Lang	LANG	GCOF-AP	Full Size	55,000	N/A	Glass	Solid	46%	11,486	N/A	Suffix options: -S, -PP, -PT, -T
Lang Manufacturing	Lang	LANG	GCSF-ES	Full Size	60,000	N/A	Glass	Solid	45%	10,382	N/A	GCSF-EZ
Moffat Limited	Blue Seal	Turbofan	G32D5	Full Size	33,000	N/A	Glass	Solid	48%	11,433	N/A	
Moffat Limited	Moffat	Turbofan	G32D5	Full Size	33,000	N/A	Glass	Solid	48%	11,433	N/A	
Royal Range of California, Inc.	Royal		RCOS-1	Full Size	70,000	N/A	Glass	Glass/Solid, Solid/Solid, Glass/Glass	45%	12,540	N/A	RCOS-2
Southbend	Southbend	Marathoner Gold, Silver Star, Bronze	GS25	Full Size	90,000	N/A	Glass	Solid	46%	12,465	N/A	BGS/12, BGS/22, SLGS/12, SLGS/22, GS/15

Organization Name	Brand Name	Model Name	Model Number	Product Type	Input Rate		Tested Door Type	Additional Door Type Qualified	Cooking Energy Efficiency (%)	Idle Energy Rate		Additional Models Represented
					Btu/h	kW				Btu/h	kW	
The Montague Company	Montague	Vectaire HX	HX-63A	Full Size	63,000	N/A	Glass	Solid	44%	12,890	N/A	HX2-063A, HX-63AH, HX2-63AH
Vulcan-Hart Company	Vulcan	SG Series	SG4D	Full Size	60,000	N/A	Glass	N/A	48%	11,360	N/A	SG44D
Vulcan-Hart Company	Vulcan	VC Series	VC6GD	Full Size	44,000	N/A	Glass	N/A	47%	11,097	N/A	VC66GD
Vulcan-Hart Company	Vulcan	VC Series	VC4GD	Full Size	44,000	N/A	Glass	N/A	46%	11,850	N/A	VC44GD
Vulcan-Hart Company	Wolf	WKG Series	WKGD1	Full Size	44,000	N/A	Glass	N/A	46%	11,850	N/A	WKGD2
Vulcan-Hart Company	Wolf	WLGO Series	WLGO	Full Size	44,000	N/A	Glass	N/A	46%	11,850	N/A	WLGO2

Key Efficiency Criteria

Energy Efficiency Requirements for Gas Convection Ovens	
Full Size	
Cooking Energy Efficiency*	$\geq 44\%$
Idle Energy Rate	$\leq 13,000$ Btu/h

Energy Efficiency Requirements for Electric Convection Ovens	
Half Size	
Cooking Energy Efficiency*	$\geq 70\%$
Idle Energy Rate	≤ 1.0 kW
Full Size	
Cooking Energy Efficiency*	$\geq 70\%$
Idle Energy Rate	≤ 1.6 kW

Notes:

*Based on the ASTM F1496 heavy-load (potato) cooking test.