

Commercial Convection Ovens Qualified Product List

List Current as of March 4, 2010

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	Date Product Available	
					Btu/h	kW				Btu/h	kW			
Electric Convection Ovens														
Imperial Commercial Cooking Equipment	Imperial		ICVE-1	Full Size	N/A	11.0	Glass	Solid	72%	N/A	1.6	ICVE-2	1/1/2006	
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	9/1/2009	
Star Manufacturing International Inc.	Lang	CHEF SERIES	ECSF-ES	Full Size	N/A	12.3	Glass	N/A	76%	N/A	1.6	ECSF-EZ	9/1/2006	
Star Manufacturing International Inc.	Lang		ECOF-AT	Full Size		11.5	Glass	Solid	74%	N/A	1.5		9/1/2006	
Star Manufacturing International Inc.	Lang	LANG	ECOH-AP	Half Size	N/A	7.8	Glass	Solid	77%	N/A	1.0	ECOH-PP, ECOH-PT	9/1/2006	
Gas Convection Ovens														
Duke Manufacturing Co.	Duke	613-G1	613-G1	Full Size		40,000	N/A	Glass	Solid	54%	12,280	N/A	613-G2	5/16/2009
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	5/16/2009
Hobart Corporation	Hobart	DGC5 Series	DGC501	Full Size		44,000	N/A	Solid		46%	11,850	N/A	DGC502	1/1/2009
Hobart Corporation	Hobart	HGC Series	HGC501	Full Size		44,000	N/A	Glass		46%	11,850	N/A	HGC502	1/1/2009

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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	10/1/2004
Southbend	Southbend	Marathoner Gold, Silver Star, Bronze	GS25	Full Size	90,000	N/A	Glass	Solid	46%	12,465	N/A	BG/12, BG/22, SLGS/12, SLGS/22, GS/15	9/1/2009
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	5/7/1997
Vulcan-Hart Company	Vulcan	SG Series	SG4D	Full Size	60,000	N/A	Glass		48%	11,360	N/A	SG44D	1/1/2009
Vulcan-Hart Company	Vulcan	VC Series	VC4GD	Full Size	44,000	N/A	Glass		46%	11,850	N/A	VC44GD	1/1/2009
Vulcan-Hart Company	Wolf	WKG Series	WKGD1	Full Size	44,000	N/A	Glass		46%	11,850	N/A	WKGD2	1/1/2009
Vulcan-Hart Company	Wolf	WLGO Series	WLGO	Full Size	44,000	N/A	Glass		46%	11,850	N/A	WLGO2	1/1/2009

Key Efficiency Criteria

Energy Efficiency Requirements for Gas Convection Ovens	
Full Size	
Cooking Energy Efficiency*	≥ 44%
Idle Energy Rate	≤ 13,000 Btu/h

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

Notes:

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