

EPA Certified Hydronic Heater List  
as of 6/16/15

Manufacturer	Model Name	Model Number	Fuel	Annual Avg. Emission Rate (lb/mmBtu)	Max Heat Output Rating (Btu/hr)	8-hour Output Rating (BTU/hr)	Annual Average Efficiency (%HHV)	Annual Avg. Emission Rate (gr/hr)	Thermal Storage Required
Alternate Heating Systems	Wood Gun	E155	cord wood	0.32	147632		53%	5.09	
Central Boiler	E-Classic	1450	cord wood	0.18	214000	120529	78%	4.70	
Central Boiler	E-Classic	3250 IR	cord wood	0.18	226196	244174	69%	3.80	
Central Boiler	Classic Edge	350	cord wood	0.18	177802	67702	79%	3.60	
Central Boiler	Classic Edge	550	cord wood	0.31	162170	81168	70%	5.20	
DECTRA	GARN	WHS-2000H	cord wood	0.07	200000	105050	74%	1.70	x
DECTRA	GARN	WHS-2000V	cord wood	0.07	200000	105050	74%	1.70	x
DECTRA	GARN	WHS-1500H	cord wood	0.14	177000	87179	65%	0.14	x
DECTRA	GARN	WHS-1500V	cord wood	0.14	177000	87179	65%	0.14	x
Earth Manufacturing, LLC	Klear Sky	400	cord wood	0.3	70770	45786	47%	5.10	
Econoburn Boilers	EBW	200-170	cord wood	0.16	171638		60%		x
ESIM	USV	100GS	cord wood	0.20	350367		61%	7.55	
Greentech Manufacturing Inc.	Crown Royal	RS7400E	cord wood	0.24	296192	116597	61%	8.00	
Greentech Manufacturing Inc.	Crown Royal	RS7300E	cord wood	0.29	189599	60612	54%	6.20	
Hardy Manufacturing Co., Inc.	KB	125	cord wood	0.3	119457	60261	61%	4.10	
Hardy Manufacturing Co., Inc.	KB	165	cord wood	0.31	150000	73573	57%	3.90	
Hawken Energy	GX Series	GX 10	cord wood	0.14	144870	76887	64%	2.20	
Hawken Energy	GX Series	GX15	cord wood	0.18	176116	73234	70%	3.70	
Hawken Energy	GX Series	GX30	cord wood	0.17	242090	104865	67%	4.90	
Steel Tech, Inc.	G Series	G200-2	cord wood	0.07	232000	111315	75%	1.70	
Steel Tech, Inc.	G Series	G100	cord wood	0.07	125000		68%	1.00	
Steel Tech, Inc.	G Series	G400	cord wood	0.23	350000	180409	74	9.00	
Heatmor	400-4S	400-4S	cord wood	0.28	400000	160599	76%	10.70	
Heatmor	X Series	200X	cord wood	0.3	184459	54019	62%	8.10	
Heatmor		350X	cord wood	0.31	255582	89753	58%	9.20	
Hydronic Specialty Supply, Inc.	Drummer	Drummer 35	cord wood	0.32	115000		60%		x

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Mahoning Outdoor Furnace	Mahoning Skye Series V	V	cord wood	0.18	110000	82594	54%	2.40	
Maine Energy Systems, LLC		PE16	pellets	0.02	57000	57000	86%		x
Maine Energy Systems, LLC		PE32	pellets	0.02	109000	109000	85%		x
Maine Energy Systems, LLC		PE64	pellets	0.02	229000	229000	87%		x
Maine Energy Systems, LLC	PE/PES	12-20	pellets	0.07	67694		75%	0.70	
Maine Energy Systems, LLC	PES	25-32	pellets	0.06	99797		81%	0.80	
Maine Energy Systems, LLC	PE/PES	36-56	pellets	0.07	199408		86%	1.70	
Marway Welding	Phase	2-200	cord wood	0.26	139576	65336	39%	3.75	
Nature's Comfort LLC	GT Series	GT-6000	cord wood	0.22	250000	100959	73%	5.70	
NBE Production	Kedel	RTB54	pellets	0.08	60000		70%	0.68	
NBE Production	Kedel	RTB102	pellets	0.07	87379		73%	0.87	
NBE Production	Kedel	RTB170	pellets	0.08	162000		79%	1.76	
NBE Production	Kedel	RTB54	pellets	0.03	58000	58000	85%		x
NBE Production	Kedel	RTB102	pellets	0.04	86000	86000	85%		x
NBE Production	Kedel	RTB170	pellets	0.04	156000	156000	86%		x
Pellergy, LLC/Windhager Zentralheizung Technik GmbH		Alpha-60	pellets	0.02	51900	51900	86%		x
Pellergy, LLC/Windhager Zentralheizung Technik GmbH		Alpha-100	pellets	0.01	88400	88400	86%		x
Piney Manufacturing	Optimizer	350	cord wood	0.30	400000	160421	65%	7.30	
Piney Manufacturing	Enviro Chip	500	cord wood	0.19	280000		73%	5.40	
Polar Furnace Manufacturing Inc.	G3	G3	cord wood	0.08	200000	142533	72%	1.96	
Polar Furnace Manufacturing Inc.	G2	G2	cord wood	0.19	200000	66897	67%	3.53	
Profab Industries	Empire Elite	200/XT200	cord wood	0.31	185983	64047	61%	5.96	

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Smokeless Heat, LLC/Värmebaronen AB		Pellmax UB	pellets	0.03	83100	83100	85%		x
Tarm USA, Inc.	FHG	20/30	cord wood	0.18	70000		69%		x
Tarm USA, Inc./ Fröling Heizkessel- und Behälterbau Ges.m.b.H		P4 Unit 8	pellets	0.04	35800	35800	88%		x
Tarm USA, Inc./ Fröling Heizkessel- und Behälterbau Ges.m.b.H		P4 Unit 15	pellets	0.03	50800	50800	87%		x
Tarm USA, Inc./ Fröling Heizkessel- und Behälterbau Ges.m.b.H		P4 Unit 20	pellets	0.03	68200	68200	87%		x
Tarm USA, Inc./ Fröling Heizkessel- und Behälterbau Ges.m.b.H		P4 Unit 25	pellets	0.03	85300	85300	87%		x
Tarm USA, Inc./ Fröling Heizkessel- und Behälterbau Ges.m.b.H		P4 Unit 32	pellets	0.03	109000	109000	87%		x
Tarm USA, Inc./ Fröling Heizkessel- und Behälterbau Ges.m.b.H		P4 Unit 38	pellets	0.02	130000	130000	86%		x
Tarm USA, Inc./ Fröling Heizkessel- und Behälterbau Ges.m.b.H		P4 Unit 48	pellets	0.03	164000	164000	86%		x
Tarm USA, Inc./ Fröling Heizkessel- und Behälterbau Ges.m.b.H		P4 Unit 60	pellets	0.03	200000	200000	86%		x

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Tarm USA, Inc./ Fröling Heizkessel- und Behälterbau Ges.m.b.H		P4 Unit 80	pellets	0.03	273000	273000	87%		x
Tarm USA, Inc./ Fröling Heizkessel- und Behälterbau Ges.m.b.H		P4 Unit 100	pellets	0.03	341000	341000	88%		x
Tarm USA, Inc./ Fröling Heizkessel- und Behälterbau Ges.m.b.H		T4-130	pellets	0.02	444000	444000	85%		x
Tarm USA, Inc./ Fröling Heizkessel- und Behälterbau Ges.m.b.H		T4-150	pellets	0.02	512000	512000	85%		x
WEbiomass, Inc.	Woodpecker		pellets	0.19	153000		72%	3.30	
Windhager, North America, LLC/Windhager Zentralheizung Technik GmbH		BioWin 100	pellets	0.02	34800	34800	87%		x
Windhager, North America, LLC/Windhager Zentralheizung Technik GmbH		BioWin 150	pellets	0.02	51900	51900	86%		x
Windhager, North America, LLC/Windhager Zentralheizung Technik GmbH		BioWin 260	pellets	0.01	88400	88400	86%		x
Windhager, North America, LLC/Windhager Zentralheizung Technik GmbH		BioWin 350	pellets	0.02	119000	119000	85%		x
Windhager, North America, LLC/Windhager Zentralheizung Technik GmbH		BioWin 600	pellets	0.02	202000	202000	85%		x
Wood Boiler USA		E4	cord wood	0.25	161455	77308	61%	4.50	
Wood Boiler USA		Blaze HE	cord wood	0.27	166109	60000	58%	5.30	

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Woodmaster		Ultra 30	pellets	0.09	102716	102716	59%	1.60	
Woodmaster	Mini Boiler		pellets	0.11	101577	101577	65%	1.40	