

CERTIFIED PRODUCT DIRECTORY



TAX CREDIT ELIGIBLE EQUIPMENT

GAS- and OIL-FIRED BOILERS
90% AFUE or GREATER

Updated: Aug 10, 2009

*For a full listing of certified products
and their certified ratings, go to the:*

**AHRI DIRECTORY of CERTIFIED
PRODUCT PERFORMANCE at
www.ahridirectory.org**



On Feb. 17, 2009, President Obama signed The American Recovery and Reinvestment Act of 2009 that made some significant changes to federal income tax credits to consumers who make energy efficient home improvements such as installing qualifying furnaces, boilers and water heaters. The qualified equipment must be “placed in service” no earlier than January 1, 2009, and no later than December 31, 2010. The IRS defines “placed in service” as when the property (equipment) is ready and available for use. The specific criteria and corresponding tax credit are described below.

Qualifying Furnace and Boiler Criteria

Tax credits for up to 30 percent of the cost of the installed system are available for natural gas or propane furnaces that have an Annual Fuel Utilization Efficiency (AFUE) rating of 95% or higher, and oil furnaces and natural gas, propane or oil boilers with an Annual Fuel Utilization Efficiency (AFUE) rating of 90% or higher. The tax credits are capped at \$1,500 per homeowner for all combined improvements made in 2009 and 2010.

In addition, tax credits are available for gas or oil furnaces, regardless of their AFUE rating, which incorporate an advanced main air circulating fan. The tax credit can be obtained, if the advanced main air circulating fan has an annual estimated electricity consumption of no more than 2% of the total annual estimated energy use of the furnace (as determined by U.S. Department of Energy efficiency test procedures). It should be noted that current law does not clearly establish the amount of the credit that can be claimed by a taxpayer if a furnace incorporates an advanced main air circulating fan, and it is expected that the IRS will be providing guidance shortly.

Qualifying Water Heater Criteria

Tax credits for 30 percent of the cost of the installed system are available for residential gas, propane or oil water heaters with an Energy Factor (EF) rating of 0.82 or higher or Thermal Efficiency of 0.90 or higher. For residential electric heat pump water heaters with an EF rating of 2.0 or higher that same tax credit also is available. The tax credits are capped at \$1,500 per homeowner for all combined improvements made in 2009 and 2010.

For more information about the Energy Efficiency Tax Credits, please visit AHRI’s Web site at http://www.ahrinet.org/Content/FederalTaxCredits_896.aspx.

For more information about product terminology and ratings, consult AHRI’s online Directory of Certified Product Performance at www.ahridirectory.org.

Model Number	Footnotes	Heat Cap MBTUH	Input MBTUH	Eae kWh/yr	PE Watts	Ef MMBTU/yr	AFUE %	Model Number	Footnotes	Heat Cap MBTUH	Input MBTUH	Eae kWh/yr	PE Watts	Ef MMBTU/yr	AFUE %
BIASI, S.p.A. c/o QHT, INC.								CROWN BOILER CO.							
RIVA PLUS								BIMINI							
Copper NATURAL OR PROPANE GAS INDOOR								Aluminum NATURAL OR PROPANE GAS INDOOR							
M135.30CM	4,5,6	116.0	103				90.0	BWC070	4,5,6	70.0	63	70	158	67.0	95.4
M135.30CR	4,5,6	116.0	103				90.0	BWC090	4,5,6	90.0	80	70	155	84.0	94.5
BUDERUS-BOSCH THERMOTECHNOLOGY CORP								BWC120							
GB162								BWC150							
Aluminum NATURAL GAS INDOOR								BWC151							
GB162-80	4,6	290.0	260				93.8	BWC225	4,5,6	225.0	202	100	192	220.0	94.2
Aluminum PROPANE GAS INDOOR								DUNKIRK BOILERS							
GB162-80	4,6	270.0	242				93.9	Q95M							
Logano GB 142								Aluminum NATURAL OR PROPANE GAS INDOOR							
Aluminum NATURAL OR PROPANE GAS INDOOR								Q95-200M							
GB 142 24	4,6	84.8	75	100	278	66.4	95.4	QUANTUM 90 SERIES							
GB 142 30	4,6	106.0	95	100	320	99.9	94.1	Aluminum NATURAL OR PROPANE GAS INDOOR							
GB 142 45	4,6	160.9	143	100	362	133.6	95.4	Q90-50							
GB 142 60	4,6	214.8	193	100	412	184.1	95.5	Q90-75							
BOYERTOWN FURNACE CO.								Q90-100							
SAVIO PLUS								Q90-125							
Copper NATURAL OR PROPANE GAS INDOOR								Q90-150							
M135.30CM	4,5,6	116.0	103				90.0	Q90-175							
M135.30CR	4,5,6	116.0	103				90.0	Q90-200							
BURNHAM HYDRONICS (U.S. BOILER CO., INC.)								HEAT TRANSFER PRODUCTS INC.							
Alpine								EL							
Stainless Steel NATURAL OR PROPANE GAS INDOOR								Stainless Steel NATURAL OR PROPANE GAS INDOOR							
ALP080	4,5,6	80.0	73	153	600	65.3	95.0	EL-80							
ALP105	4,5,6	105.0	96	153	600	98.7	95.0	EL-110							
ALP150	4,5,6	150.0	138	153	600	132.6	95.0	EL-150							
ALP210	4,5,6	210.0	194	153	600	183.1	95.0	EL-220							
ALP285	4,5,6	285.0	265	153	600	216.9	95.0	EL-299							
CHG								MUNCHKIN							
Aluminum NATURAL OR PROPANE GAS INDOOR								Stainless Steel NATURAL OR PROPANE GAS INDOOR							
CHG150	4,5,6	150.0	135	70	152	154.0	93.1	T50M							
CHG225	4,5,6	225.0	202	100	192	220.0	94.2	80M							
Freedom								T80M							
Aluminum NATURAL OR PROPANE GAS INDOOR								140M							
FCM070	4,5,6	70.0	63	70	158	67.0	95.4	199M							
FCM090	4,5,6	90.0	80	70	155	84.0	94.5	199VWH							
FCM120	4,5,6	120.0	107	70	139	100.0	95.2	399M							
FCM150	4,5,6	150.0	137	70	147	134.0	95.2	399VWH							
CAMUS HYDRONICS LTD.								Trade Name(s): Munchkin 399M Series							
DynaMax								Munchkin 399M Series							
Stainless Steel NATURAL OR PROPANE GAS INDOOR								Stainless Steel NATURAL OR PROPANE GAS INDOOR							
DM150	4,5,6	150.0	135				91.4	399VWH							
CARRIER CORPORATION								HYDROTHERM							
Performance 90								DIVISION OF MESTEK, INC.							
Aluminum NATURAL OR PROPANE GAS INDOOR								KN							
BW9AAN000050	4,5,6	50.0	45	100	195	52.6	90.0	Cast Iron NATURAL OR PROPANE GAS INDOOR							
BW9AAN000075	4,5,6	75.0	68	100	174	70.5	90.0	KN-2							
BW9AAN000100	4,5,6	100.0	90	100	164	88.4	90.0	LAARS HEATING SYSTEMS COMPANY							
BW9AAN000125	4,5,6	125.0	113	100	207	123.8	90.0	NeoTherm							
BW9AAN000150	4,5,6	150.0	134	100	197	141.6	90.0	Stainless Steel NATURAL OR PROPANE GAS INDOOR							
BW9AAN000175	4,5,6	175.0	158	100	190	159.4	90.0	NTH080							
BW9AAN000200	4,5,6	200.0	180	100	204	195.0	90.0	NTH105							
CLIMATE ENERGY, LLC								NTH150							
CE95M								NTH210							
Aluminum NATURAL OR PROPANE GAS INDOOR								NTH285							
CE95-200M	4,5,6	200.0	190				95.0	Trade Name(s): Laars Summit							
STANDARD FOOTNOTES:								Summit Series							
1. Electronic Ignition (No Standing Pilot)								Copper NATURAL OR PROPANE GAS INDOOR							
2. Electro-Mechanical Vent Damper(s) Specified By The Boiler Manufacturer								CE95-200M							
3. Power Combustion Or Power Vent															
4. Condensing Type															
5. Direct Vent (Includes Venting And Combustion Air Systems)															
								6. Hot Water							
								7. Steam							
								# Rating Voluntarily Revised Since Last Directory							
								* Rating Revised By Program Since Last Directory							

Model Number	Footnotes	Heat Cap		Eae		AFUE		Model Number	Footnotes	Heat Cap		Eae		AFUE	
		Input MBTUH	PE Watts	kWh/yr	MMBTU/yr	%	Input MBTUH			PE Watts	kWh/yr	MMBTU/yr	%		
LAARS HEATING SYSTEMS COMPANY								PL-T80							
Trade Name(s): Laars Summit								4,5,6 80.0 74 45 399 77.0 95.1							
Summit Series								PI 140							
Copper								4,5,6 140.0 129 52 467 132.0 95.1							
NATURAL OR PROPANE GAS								PI 199							
INDOOR								4,5,6 199.0 183 90 463 188.0 95.1							
SMB-200	4,5,6,11	200.0	179	180	300	193.8	90.5	PureFire							
SMB-250	4,5,6,11	250.0	218	190	293	229.0	90.5	Steel							
Additional Footnotes								PF-210 Nat							
11. Modulating.								4,5,6 210.0 192 107 203 180.0 97.3							
LENNOX INDUSTRIES, INC.								Steel							
Trade Name(s): Conservator 90								NATURAL OR PROPANE GAS							
Conservator GWB9 Series								INDOOR							
Aluminum								PF-50							
NATURAL OR PROPANE GAS								4,5,6 50.0 46 49 179 50.0 95.0							
INDOOR								PF-80							
GWB9-050IH	4,5,6	50.0	45	100	195	52.6	90.0	4,5,6 80.0 73 49 149 67.0 95.2							
GWB9-075IH	4,5,6	75.0	68	100	174	70.5	90.0	PF-110							
GWB9-100IH	4,5,6	100.0	90	100	164	88.4	90.0	4,5,6 110.0 101 61 173 100.0 95.8							
LOCHINVAR CORPORATION								PF-140							
Knight								4,5,6 140.0 130 73 194 134.0 95.3							
Stainless Steel								Steel							
NATURAL GAS								PROPANE GAS							
INDOOR								INDOOR							
KBN080	4,5,6	80.0	72	220	1167	68.1	95.3	PF-210 LP							
KBN105	4,5,6	105.0	94	220	1386	100.3	95.4	4,5,6 210.0 192 107 203 180.0 97.3							
KBN150	4,5,6	150.0	135	220	1572	137.5	95.5	RAYPAK, INC.							
KBN210	4,5,6	210.0	190	220	1329	190.8	95.7	XPak							
KBN285	4,5,6	285.0	260	220	1046	222.9	96.0	Aluminum							
Stainless Steel								NATURAL OR PROPANE GAS							
PROPANE GAS								INDOOR							
KBL080	4,5,6	80.0	72	220	1167	68.1	95.3	XPak 85							
KBL105	4,5,6	105.0	94	220	1386	100.3	95.4	4,6 87.0 77 91.8							
KBL150	4,5,6	150.0	135	220	1572	137.5	95.5	XPak 120							
KBL210	4,5,6	210.0	190	220	1329	190.8	95.7	4,6 119.5 108 92.6							
KBL285	4,5,6	285.0	260	220	1046	222.9	96.0	SEARS, ROEBUCK AND COMPANY							
Knight Wall Mount								K95M							
Stainless Steel								Aluminum							
NATURAL GAS								NATURAL OR PROPANE GAS							
INDOOR								INDOOR							
WBN050	4,5,6	50.0	45	220	1443	51.0	95.3	K95-200M							
WBN080	4,5,6	80.0	72	220	1167	68.1	95.3	4,5,6 200.0 190 95.0							
WBN105	4,5,6	105.0	94	220	1386	100.3	95.4	SLANT/FIN CORPORATION							
WBN150	4,5,6	150.0	135	220	1572	137.5	95.5	Bobcat							
WBN210	4,5,6	210.0	190	220	1329	190.8	95.7	Aluminum							
Stainless Steel								NATURAL OR PROPANE GAS							
PROPANE GAS								INDOOR							
WBL050	4,5,6	50.0	45	220	1443	51.0	95.3	B-120							
WBL080	4,5,6	80.0	72	220	1167	68.1	95.3	4,5,6 120.0 109 93.0							
WBL105	4,5,6	105.0	94	220	1386	100.3	95.4	B-120A							
WBL150	4,5,6	150.0	135	220	1572	137.5	95.5	4,5,6 120.0 109 90 744 101.2 93.0							
WBL210	4,5,6	210.0	190	220	1329	190.8	95.7	B-200							
MESTEK, INC.								4,5,6 200.0 182 110 886 186.6 93.0							
KN								LYNX							
Cast Iron								Aluminum							
NATURAL OR PROPANE GAS								NATURAL OR PROPANE GAS							
INDOOR								INDOOR							
200i	3,4,6	199.0	173				92.7	LX-85A							
NY THERMAL INC.								4,5,6 85.0 76 90 579 66.2 95.0							
Trinity								LX-85							
Stainless Steel								4,5,6 85.0 76 100 100 100.0 94.0							
NATURAL OR PROPANE GAS								SMITH CAST IRON BOILERS							
INDOOR								GC-160							
Ti100	4,5,6	93.0	85	58	433	87.0	95.1	Stainless Steel							
Lx150	4,5,6	150.0	136	40	405	137.0	95.1	NATURAL OR PROPANE GAS							
Ti150	4,5,6	150.0	136	40	405	137.0	95.1	INDOOR							
Lx150E	4,5,6	150.0	139	52	343	136.0	97.0	GC-160							
Lx200	4,5,6	199.0	182	100	594	186.0	95.1	4,6 160.0 142 93.0							
Ti200	4,5,6	199.0	182	100	594	186.0	95.1	TRIANGLE TUBE							
P B HEAT, LLC								Prestige							
PINNACLE								Stainless Steel							
Stainless Steel								NATURAL GAS							
NATURAL OR PROPANE GAS								INDOOR							
PL-T50	4,5,6	50.0	46	43	442	75.0	95.1	Excellence 110							
PI 80	4,5,6	80.0	74	45	543	77.0	95.1	Solo 110							
STANDARD FOOTNOTES:								UTICA BOILERS							
1. Electronic Ignition (No Standing Pilot)								UB90D							
2. Electro-Mechanical Vent Damper(s) Specified By The Boiler Manufacturer								Aluminum							
3. Power Combustion Or Power Vent								NATURAL OR PROPANE GAS							
4. Condensing Type								INDOOR							
5. Direct Vent (Includes Venting And Combustion Air Systems)								UB90-50							
6. Hot Water								4,5,6 50.0 45 100 195 52.6 90.0							
7. Steam								UB90-75							
# Rating Voluntarily Revised Since Last Directory								4,5,6 75.0 68 100 174 70.5 90.0							
* Rating Revised By Program Since Last Directory								UB90-100							
								4,5,6 100.0 90 100 164 88.4 90.0							
								UB90-125							
								4,5,6 125.0 113 100 207 123.8 90.0							
								UB90-150							
								4,5,6 150.0 134 100 197 141.6 90.0							
								UB90-175							
								4,5,6 175.0 158 100 190 159.4 90.0							
								UB90-200							
								4,5,6 200.0 180 100 204 195.0 90.0							

Model Number	Footnotes	Heat Cap Input MBTUH	Eae PE Watts	Eae kWh/yr MMBTU/yr	AFUE Ef %	Model Number	Footnotes	Heat Cap Input MBTUH	Eae PE Watts	Eae kWh/yr MMBTU/yr	AFUE Ef %
UTICA BOILERS											
<u>UB95M</u>											
<u>Aluminum</u> NATURAL OR PROPANE GAS INDOOR											
UB95-200M	4,5,6	200.0	190		95.0						
VISSMANN MANUFACTURING COMPANY, INC.											
<u>VITODENS 100 WB1B</u>											
<u>Stainless Steel</u> NATURAL OR PROPANE GAS INDOOR											
WB1B-26	3,4,5,6	91.0	83	50	349	109.0	95.2				
WB1B-35	3,4,5,6	118.0	108	58	411	120.0	95.2				
<u>VITODENS 100, WB1 SERIES</u>											
<u>Stainless Steel</u> NATURAL GAS INDOOR											
WB1 8-24	4,5,6	80.0	72	64	43	75.0	95.1				
WB1 8-30	4,5,6	100.0	90	100	51	101.0	95.1				
<u>VITODENS 200, WB2 SERIES</u>											
<u>Stainless Steel</u> NATURAL GAS INDOOR											
WB2 6-24	4,6	91.0	81	55	483	80.4	95.2				
WB2 6-24C	4,6	91.0	81	55	483	80.4	95.2				
WB2 8-32	4,6	124.0	112	55	483	113.3	95.2				
WB2 11-44	4,6	172.0	154	109	467	146.5	95.2				
WB2 15-60	4,6	230.0	206	109	440	212.2	95.2				
<u>Stainless Steel</u> PROPANE GAS INDOOR											
WB2 6-24	4,6	81.0	73	55	383	64.2	95.2				
WB2 6-24C	4,6	81.0	73	55	383	64.2	95.2				
WB2 8-32	4,6	112.0	101	55	383	96.9	95.2				
WB2 11-44	4,6	155.0	139	109	375	130.0	95.2				
WB2 15-60	4,6	214.0	192	109	372	179.5	95.2				
WEIL-MCLAIN											
<u>Ultra Series 3</u>											
<u>Aluminum</u> NATURAL OR PROPANE GAS INDOOR											
ULTRA 80	4,6	80.0	71	58	141	68.4	93.0				
ULTRA 105	4,6	105.0	94	58	136	86.5	92.0				
ULTRA 155	4,6	155.0	139	78	139	138.1	93.0				
ULTRA 230	4,6	230.0	207	105	204	223.9	92.8				

STANDARD FOOTNOTES:

1. Electronic Ignition (No Standing Pilot)
2. Electro-Mechanical Vent Damper(s) Specified By The Boiler Manufacturer
3. Power Combustion Or Power Vent
4. Condensing Type
5. Direct Vent (Includes Venting And Combustion Air Systems)

6. Hot Water
7. Steam
- # Rating Voluntarily Revised Since Last Directory
- ⊗ Rating Revised By Program Since Last Directory

Model Number	Footnotes	Heat Cap		Eae		AFUE		Model Number	Footnotes	Heat Cap		Eae		AFUE	
		Input MBTUH	PE Watts	MMBTU/yr	MMBTU/yr	%	%			Input MBTUH	PE Watts	MMBTU/yr	MMBTU/yr	%	%
BUDERUS-BOSCH THERMOTECHNOLOGY CORP															
<u>GB125BE</u>															
<u>Cast Iron</u>															
<u>INDOOR</u>															
GB125BE-22	4,5,6	75	239	316	69.1	91.2									
GB125BE-30	4,5,6	100	238	356	104.1	91.1									
GB125BE-35	4,5,6	121	275	375	121.8	91.0									
P B HEAT, LLC															
<u>Pinnacle Oil</u>															
<u>Steel</u>															
<u>INDOOR</u>															
PO-70	4,5,6	65	240	360	68.0	91.9									
PO-70A	4,5,6	65	240	360	68.0	92.0									
PO-84	4,5,6	77	240	378	86.0	91.5									
PO-84A	4,5,6	78	240	377	86.0	91.8									

STANDARD FOOTNOTES:

1. Electronic Ignition (No Standing Pilot)
2. Electro-Mechanical Vent Damper(s) Specified By The Boiler Manufacturer
3. Power Combustion Or Power Vent
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5. Direct Vent (Includes Venting And Combustion Air Systems)

6. Hot Water
7. Steam
- # Rating Voluntarily Revised Since Last Directory
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