

CERTIFIED PRODUCT DIRECTORY



TAX CREDIT ELIGIBLE EQUIPMENT

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

Updated: May 05, 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		Eae kWh/yr	AFUE %	Model Number	Footnotes	Heat Cap		Eae kWh/yr	AFUE %		
		Input MBTUH	PE Watts					Input MBTUH	PE Watts				
BIASI, S.p.A. c/o QHT, INC.						CROWN BOILER CO.							
RIVA PLUS						BIMINI							
Copper						Aluminum							
NATURAL GAS						NATURAL OR PROPANE GAS							
INDOOR						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						BWC151							
NATURAL GAS						BWC225							
INDOOR						INDOOR							
GB162-80	4,6	290.0	260		93.8	DUNKIRK BOILERS							
Aluminum						Q95M							
PROPANE GAS						Aluminum							
INDOOR						NATURAL OR PROPANE GAS							
GB162-80	4,6	270.0	242		93.9	INDOOR							
Logano GB 142						Q95-200M							
Aluminum						QUANTUM 90 SERIES							
NATURAL OR PROPANE GAS						Aluminum							
INDOOR						NATURAL OR PROPANE GAS							
GB 142 24	4,6	84.8	75	100	278	66.4	95.4	INDOOR					
GB 142 30	4,6	106.0	95	100	320	99.9	94.1	Q90-50					
GB 142 45	4,6	160.9	143	100	362	133.6	95.4	Q90-75					
GB 142 60	4,6	214.8	193	100	412	184.1	95.5	Q90-100					
BURNHAM HYDRONICS (U.S. BOILER CO., INC.)						Q90-125							
Alpine						Q90-150							
Stainless Steel						Q90-175							
NATURAL OR PROPANE GAS						Q90-200							
INDOOR						INDOOR							
ALP080	4,5,6	80.0	73	153	600	65.3	95.0	HEAT TRANSFER PRODUCTS INC.					
ALP105	4,5,6	105.0	96	153	600	98.7	95.0	MUNCHKIN					
ALP150	4,5,6	150.0	138	153	600	132.6	95.0	Stainless Steel					
ALP210	4,5,6	210.0	194	153	600	183.1	95.0	NATURAL OR PROPANE GAS					
ALP285	4,5,6	285.0	265	153	600	216.9	95.0	INDOOR					
CHG						#T50M							
Aluminum						#80M							
NATURAL OR PROPANE GAS						#T80M							
INDOOR						#140M							
CHG150	4,5,6	150.0	135	70	170	154.0	93.1	#199M					
Freedom						199VWH							
Aluminum						399M							
NATURAL OR PROPANE GAS						399VWH							
INDOOR						Trade Name(s): Munchkin 399M Series							
FMC070	4,5,6	70.0	63	70	158	67.0	95.4	Munchkin 399M Series					
FMC090	4,5,6	90.0	80	70	155	84.0	94.5	Stainless Steel					
FMC120	4,5,6	120.0	107	70	139	100.0	95.2	NATURAL OR PROPANE GAS					
FMC150	4,5,6	150.0	137	70	147	134.0	95.2	INDOOR					
REVOLUTION II SERIES						399VWH							
Discontinued Models						HYDROTHERM							
Cast Iron						DIVISION OF MESTEK, INC.							
NATURAL OR PROPANE GAS						KN							
INDOOR						Cast Iron							
RVII3	4,5,6	62.0	57	100	245	52.4	91.2	NATURAL OR PROPANE GAS					
RVII4	4,5,6	96.0	88	100	264	87.4	90.8	INDOOR					
RVII5	4,5,6	130.0	118	100	276	123.8	90.1	KN-2					
CAMUS HYDRONICS LTD.						LAARS HEATING SYSTEMS COMPANY							
DynaMax						NeoTherm							
Stainless Steel						Stainless Steel							
NATURAL OR PROPANE GAS						NATURAL OR PROPANE GAS							
INDOOR						INDOOR							
DMH150	4,5,6	150.0	135			91.4		NTH080					
CARRIER CORPORATION						NTH105							
Performance 90						NTH150							
Aluminum						NTH210							
NATURAL OR PROPANE GAS						NTH285							
INDOOR						Trade Name(s): Laars Summit							
BW9AAN000050	4,5,6	50.0	45	100	195	52.6	90.0	Summit Series					
BW9AAN000075	4,5,6	75.0	68	100	174	70.5	90.0	Copper					
BW9AAN000100	4,5,6	100.0	90	100	164	88.4	90.0	NATURAL OR PROPANE GAS					
BW9AAN000125	4,5,6	125.0	113	100	207	123.8	90.0	INDOOR					
BW9AAN000150	4,5,6	150.0	134	100	197	141.6	90.0	SMB-200					
BW9AAN000175	4,5,6	175.0	158	100	190	159.4	90.0	SMB-250					
BW9AAN000200	4,5,6	200.0	180	100	204	195.0	90.0	Additional Footnotes					
CLIMATE ENERGY, LLC						11. Modulating.							
CE95M						LENNOX INDUSTRIES, INC.							
Aluminum						Trade Name(s): Conservator 90							
NATURAL OR PROPANE GAS													
INDOOR													
CE95-200M	4,5,6	200.0	190			95.0							

STANDARD FOOTNOTES:

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

- Hot Water
- Steam
- Rating Voluntarily Revised Since Last Directory
- Rating Revised By Program Since Last Directory

		Heat Cap		Eae		AFUE				Heat Cap		Eae		AFUE		
		MBTUH		kWh/yr		%				MBTUH		kWh/yr		%		
Model	Input	PE	Ef	Model	Input	PE	Ef	Model	Input	PE	Ef	Model	Input	PE	Ef	
Number	Footnotes	MBTUH	Watts	MMBTU/yr	Number	Footnotes	MBTUH	Watts	MMBTU/yr	Number	Footnotes	MBTUH	Watts	MMBTU/yr	Number	
LENNOX INDUSTRIES, INC.																
Trade Name(s): Conservator 90																
Conservator GWB9 Series																
Aluminum		NATURAL OR PROPANE GAS					INDOOR									
GWB9-050IH	4,5,6	50.0	45	100	195	52.6	90.0									
GWB9-075IH	4,5,6	75.0	68	100	174	70.5	90.0									
GWB9-100IH	4,5,6	100.0	90	100	164	88.4	90.0									
LOCHINVAR CORPORATION																
Knight																
Stainless Steel		NATURAL GAS					INDOOR									
KBN080	4,5,6	80.0	72	220	1167	68.1	95.3									
KBN105	4,5,6	105.0	94	220	1386	100.3	95.4									
KBN150	4,5,6	150.0	135	220	1572	137.5	95.5									
KBN210	4,5,6	210.0	190	220	1329	190.8	95.7									
KBN285	4,5,6	285.0	260	220	1046	222.9	96.0									
Stainless Steel		PROPANE GAS					INDOOR									
KBL080	4,5,6	80.0	72	220	1167	68.1	95.3									
KBL105	4,5,6	105.0	94	220	1386	100.3	95.4									
KBL150	4,5,6	150.0	135	220	1572	137.5	95.5									
KBL210	4,5,6	210.0	190	220	1329	190.8	95.7									
KBL285	4,5,6	285.0	260	220	1046	222.9	96.0									
Knight Wall Mount																
Stainless Steel		NATURAL GAS					INDOOR									
WBN050	4,5,6	50.0	45	220	1443	51.0	95.3									
WBN080	4,5,6	80.0	72	220	1167	68.1	95.3									
WBN105	4,5,6	105.0	94	220	1386	100.3	95.4									
WBN150	4,5,6	150.0	135	220	1572	137.5	95.5									
WBN210	4,5,6	210.0	190	220	1329	190.8	95.7									
Stainless Steel		PROPANE GAS					INDOOR									
WBL050	4,5,6	50.0	45	220	1443	51.0	95.3									
WBL080	4,5,6	80.0	72	220	1167	68.1	95.3									
WBL105	4,5,6	105.0	94	220	1386	100.3	95.4									
WBL150	4,5,6	150.0	135	220	1572	137.5	95.5									
WBL210	4,5,6	210.0	190	220	1329	190.8	95.7									
MESTEK, INC.																
KN																
Cast Iron		NATURAL OR PROPANE GAS					INDOOR									
200i	3,4,6	199.0	173				92.7									
NY THERMAL INC.																
Trinity																
Stainless Steel		NATURAL OR PROPANE GAS					INDOOR									
Ti100	4,5,6	93.0	85	58	433	87.0	95.1									
Lx150	4,5,6	150.0	136	40	405	137.0	95.1									
Ti150	4,5,6	150.0	136	40	405	137.0	95.1									
Lx150E	4,5,6	150.0	139	52	343	136.0	97.0									
Lx200	4,5,6	199.0	182	100	594	186.0	95.1									
Ti200	4,5,6	199.0	182	100	594	186.0	95.1									
P B HEAT, LLC																
PINNACLE																
Stainless Steel		NATURAL OR PROPANE GAS					INDOOR									
#PI-T50	4,5,6	50.0	46	43	442	75.0	95.1									
#PI 80	4,5,6	80.0	74	45	543	77.0	95.1									
#PI-T80	4,5,6	80.0	74	45	399	77.0	95.1									
#PI 140	4,5,6	140.0	129	52	467	132.0	95.1									
#PI 199	4,5,6	199.0	183	90	463	188.0	95.1									
PureFire																
Steel		NATURAL GAS					INDOOR									
PF-210 Nat	4,5,6	210.0	192	107	203	180.0	97.3									
Steel		NATURAL OR PROPANE GAS					INDOOR									
PF-50	4,5,6	50.0	46	49	179	50.0	95.0									
PF-80	4,5,6	80.0	73	49	149	67.0	95.2									
PF-110																
PF-140																
Steel																
PROPANE GAS																
INDOOR																
PF-210 LP																
RAYPAK, INC.																
XPak																
Aluminum		NATURAL OR PROPANE GAS					INDOOR									
XPak 85	4,6	87.0	77				91.8									
XPak 120	4,6	119.5	108				92.6									
SEARS, ROEBUCK AND COMPANY																
K95M																
Aluminum		NATURAL OR PROPANE GAS					INDOOR									
K95-200M	4,5,6	200.0	190				95.0									
SLANT/FIN CORPORATION																
Bobcat																
Aluminum		NATURAL OR PROPANE GAS					INDOOR									
B-120	4,5,6	120.0	109				93.0									
B-120A	4,5,6	120.0	109	90	744	101.2	93.0									
B-200	4,5,6	200.0	182	100	100	100.0	93.0									
B-200A	4,5,6	200.0	182	110	886	186.6	93.0									
LYNX																
Aluminum		NATURAL OR PROPANE GAS					INDOOR									
LX-85A	4,5,6	85.0	76	90	579	66.2	95.0									
LX-85	4,5,6	85.0	76	100	100	100.0	94.0									
SMITH CAST IRON BOILERS																
GC-160																
Stainless Steel		NATURAL OR PROPANE GAS					INDOOR									
GC-160	4,6	160.0	142				93.0									
TRIANGLE TUBE																
Prestige																
Stainless Steel		NATURAL GAS					INDOOR									
Excellence 110	4,5,6	110.0	99	53	378	100.0	95.0									
Solo 110	4,5,6	110.0	99	53	378	100.0	95.0									
Stainless Steel		NATURAL OR PROPANE GAS					INDOOR									
Solo 60	4,5,6	60.0	54	53	485	49.5	95.0									
Solo 175	4,5,6	170.0	154	25	425	150.0	95.0									
Solo 250	4,5,6	245.0	223	25	474	218.0	95.0									
Stainless Steel		PROPANE GAS					INDOOR									
Excellence 110P	4,5,6	97.0	87	39	323	82.0	95.0									
Solo 110P	4,5,6	97.0	87	39	323	82.0	95.0									
UTICA BOILERS																
UB90D																
Aluminum		NATURAL OR PROPANE GAS					INDOOR									
UB90-50	4,5,6	50.0	45	100	195	52.6	90.0									
UB90-75	4,5,6	75.0	68	100	174	70.5	90.0									
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									
UB95M																
Aluminum		NATURAL OR PROPANE GAS					INDOOR									
UB95-200M	4,5,6	200.0	190				95.0									
VISSMANN MANUFACTURING COMPANY, INC.																
VITODENS 100, WB1 SERIES																
Stainless Steel		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									
VITODENS 200, WB2 SERIES																

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	Input MBTUH	PE Watts	MMBTU/yr	%			Input MBTUH	PE Watts	MMBTU/yr	%		
VISSMANN MANUFACTURING COMPANY, INC.															
<u>VITODENS 200, WB2 SERIES</u>															
<u>Stainless Steel</u>		<u>NATURAL GAS</u>						<u>INDOOR</u>							
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>		<u>PROPANE GAS</u>						<u>INDOOR</u>							
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>		<u>NATURAL OR PROPANE GAS</u>						<u>INDOOR</u>							
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:

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| <ol style="list-style-type: none"> 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) | <ol style="list-style-type: none"> 6. Hot Water 7. Steam # Rating Voluntarily Revised Since Last Directory ⊗ Rating Revised By Program Since Last Directory |
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