

CERTIFIED PRODUCT DIRECTORY



TAX CREDIT ELIGIBLE EQUIPMENT

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

Updated: March 16, 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**

AHRI Air-Conditioning,
Heating, and
Refrigeration Institute

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 30 percent of the cost of the system are available for gas furnaces with have an Annual Fuel Utilization Efficiency (AFUE) rating of 95% or higher , and oil and propane furnaces and 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.

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 (30% of the cost of the fan) 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).

In cases where the new furnace has both an AFUE rating of 95% or higher and incorporates an “advanced main air circulating fan,” both tax credits may be claimed as long as they don’t exceed the \$1,500 cap.

Qualifying Water Heater Criteria

Tax credits for 30 percent of the cost of the 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		AFUE		Model Number	Footnotes	Heat Cap		Eae		AFUE	
		Input MBTUH	PE Watts	kWh/yr	MWh/yr	%	Input MBTUH			PE Watts	kWh/yr	MWh/yr	%		
BIASI, S.p.A. c/o QHT, INC. RIVA PLUS								CROWN BOILER CO.							
Copper								BIMINI							
NATURAL GAS								Aluminum							
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								INDOOR							
GB162								NATURAL OR PROPANE GAS							
Aluminum								INDOOR							
GB162-80	4,6	290.0	260				93.8	BWC120	4,5,6	120.0	107	70	139	100.0	95.2
Aluminum								INDOOR							
GB162-80	4,6	270.0	242				93.9	BWC150	4,5,6	150.0	135	70	170	154.0	93.1
Logano GB 142								INDOOR							
Aluminum								NATURAL OR PROPANE GAS							
GB 142 24	4,6	84.8	75	100	278	66.4	95.4	BWC151	4,5,6	150.0	137	70	147	134.0	95.2
GB 142 30	4,6	106.0	95	100	320	99.9	94.1	BCW225	4,5,6	225.0	202	100	192	220.0	94.2
GB 142 45	4,6	160.9	143	100	362	133.6	95.4	DUNKIRK BOILERS							
GB 142 60	4,6	214.8	193	100	412	184.1	95.5	Q95M							
BURNHAM HYDRONICS (U.S. BOILER CO., INC.)								Aluminum							
Alpine								NATURAL OR PROPANE GAS							
Stainless Steel								INDOOR							
ALP080	4,5,6	80.0	73	153	600	65.3	95.0	Q95M							
ALP105	4,5,6	105.0	96	153	600	98.7	95.0	Aluminum							
ALP150	4,5,6	150.0	138	153	600	132.6	95.0	NATURAL OR PROPANE GAS							
ALP210	4,5,6	210.0	194	153	600	183.1	95.0	INDOOR							
ALP285	4,5,6	285.0	265	153	600	216.9	95.0	Q95M							
CHG								Aluminum							
Aluminum								NATURAL OR PROPANE GAS							
CHG150	4,5,6	150.0	135	70	170	154.0	93.1	INDOOR							
CHG225	4,5,6	225.0	202	100	192	220.0	94.2	Q95M							
Freedom								Aluminum							
Aluminum								NATURAL OR PROPANE GAS							
FMC070	4,5,6	70.0	63	70	158	67.0	95.4	INDOOR							
FMC090	4,5,6	90.0	80	70	155	84.0	94.5	Q95M							
FMC120	4,5,6	120.0	107	70	139	100.0	95.2	Aluminum							
FMC150	4,5,6	150.0	137	70	147	134.0	95.2	NATURAL OR PROPANE GAS							
REVOLUTION II SERIES								INDOOR							
Discontinued Models								Stainless Steel							
Cast Iron								NATURAL OR PROPANE GAS							
RVI3	4,5,6	62.0	57	100	245	52.4	91.2	INDOOR							
RVI4	4,5,6	96.0	88	100	264	87.4	90.8	Q95M							
RVI5	4,5,6	130.0	118	100	276	123.8	90.1	Aluminum							
CAMUS HYDRONICS LTD.								NATURAL OR PROPANE GAS							
DynaMax								INDOOR							
Stainless Steel								INDOOR							
DMH150	4,5,6	150.0	135				91.4	Q95M							
CARRIER CORPORATION								Aluminum							
Performance 90								NATURAL OR PROPANE GAS							
Aluminum								INDOOR							
BW9AAN000050	4,5,6	50.0	45	100	195	52.6	90.0	INDOOR							
BW9AAN000075	4,5,6	75.0	68	100	174	70.5	90.0	Q95M							
BW9AAN000100	4,5,6	100.0	90	100	164	88.4	90.0	Aluminum							
BW9AAN000125	4,5,6	125.0	113	100	207	123.8	90.0	NATURAL OR PROPANE GAS							
BW9AAN000150	4,5,6	150.0	134	100	197	141.6	90.0	INDOOR							
BW9AAN000175	4,5,6	175.0	158	100	190	159.4	90.0	Q95M							
BW9AAN000200	4,5,6	200.0	180	100	204	195.0	90.0	Aluminum							
CLIMATE ENERGY, LLC								NATURAL OR PROPANE GAS							
CE95M								INDOOR							
Aluminum								INDOOR							

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

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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									

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- ⊗ Rating Revised By Program Since Last Directory