

Home Energy Savings Program

Pellet Boiler Eligibility Criteria and List of Eligible Models

Date: January 22, 2015



Ultra-Low Greenhouse Gas Whole House Heating Systems: Pellet Boilers
<ul style="list-style-type: none"> • Incentive: Rebate of 33% of project total cost up to a cap of \$5,000. • Eligible 1 to 4 unit residential buildings serving as principal residence for occupants, new or retrofit. • No rebate reservation is required nor provided. • Homes that have received prior rebates since September 2013 are eligible to receive a partial rebate under this category for a total per building incentive cap of \$5,000, including value of rebates on prior improvements. • Homes that receive the \$5,000 incentive from this category are not eligible to receive additional incentives.
<p>Eligible Pellet Boiler systems have automated fuel feeding controls and are fueled by pellets manufactured from sawdust, wood products, and other biomass materials pressed into standard manageable pellet shapes and sizes.</p> <p><u>To meet minimum system configuration standards:</u></p> <ol style="list-style-type: none"> 1. The system must include a bulk fill system that would provide continuous heat without human intervention for 2 weeks (estimated at 1 ton pellet capacity), OR has a minimum 500 pound capacity fill bin and a permanently installed back-up heating system (propane, oil, natural gas) that automatically switches fuel sources and provides continuous central heat to the home using the same thermostatic control and heating distribution system as the pellet boiler if the biomass heating system runs out of pellets, and 2. The new system or existing back-up system (when one exists) must provide heat in areas of plumbing, which will maintain the temperature of at least 50 degrees Fahrenheit for an extended period of time (2 weeks or longer) without human intervention, and 3. Meet applicable Federal, state, and local requirements, including but not limited to emissions limits, nuisance limits, and siting limits, and <p><u>To meet energy efficient standards, Pellet boilers must be:</u></p> <ol style="list-style-type: none"> 1. Listed or certified as a White Tag pellet boiler model on EPA's List of Phase 2 Qualified Cleaner Hydronic Heaters. http://www.epa.gov/burnwise/owhhlst.html. This certification ensures that these heaters have been tested by an EPA accredited laboratory using test method M28 WHH *, and reviewed and qualified by EPA, or 2. A European biomass boiler and burner combination that has been certified together under EN 303-5 1999, Class 3* efficiency or higher, as evidence by the European certifying agency's EN303-5 compliance label attached to the unit, and 3. Installed according to the manufacturer's recommendations including but not limited to chimney height, proximity to other structures, sizing, and proper thermal storage. This applies to both Phase 2 White Tag and EN 303-5 boilers. <p><i>*Note: Efficiencies calculated using European method EN 303-5 test method are not comparable to EPA's M28 WHH efficiencies. EN 303-5 calculates efficiencies based on maximum outputs whereas M28 WHH represents the efficiency of a boiler over the entire heating year.</i></p>

The following list of pellet boiler models includes systems where evidence of certification as either EN303-5 Class 3 efficiency or higher, or EPA Phase 2 Biomass Hydronic Boiler have been provided by the manufacturer.

EN303-5 ratings are valid only for tested configurations and are not transferable to separate components.

Additional units may be eligible. Contact EM to obtain written confirmation of rebate eligibility of unlisted models prior to purchase. Please call 1-866-376-2463 or send an email to: hesp2@csggrp.com

Manufacturer	Model
Central Boiler	Maxim M250
Froling	P4
Heatmor	200SSP
Heatek (Ponast)	KP08S
Heatek (Ponast)	KP12.1S
Heatek (Ponast)	KP12S
Heatek (Ponast)	KP22S
Heatek (Ponast)	KP52S
Heatek (Ponast)	KP62S
Heatek (Ponast)	KP82S
Kunzel/Aqua Therm	Pellet-One PK-10
Kunzel/Aqua Therm	Pellet-One PK-20
LEI Products	Bio-Burner MBB-100
MESys (OkoFEN)	Autopellet PE(S)12

Manufacturer	Model
MESys (OkoFEN)	Autopellet PE(S)15
MESys (OkoFEN)	Autopellet PE(S)20
MESys (OkoFEN)	Autopellet PE(S)25
MESys (OkoFEN)	Autopellet PE(S)32
MESys (OkoFEN)	Autopellet PES36
MESys (OkoFEN)	Autopellet PES48
MESys (OkoFEN)	Autopellet PES56
NBE	Kedel 54, RTB 54
NBE	Kedel 68
NBE	Kedel 102, RTB 102
NBE	Kedel 170, RTB 170
Pellergy	Alpha A60v
Pellergy	Alpha A100v
Varmebaronen	Pellmax UB

Manufacturer	Model
Viadrus	Ekoret Saphir 15, 25
Viadrus	Green Eco Therm 25, 32 (S,J)
Viadrus	Hercules DUO (4,5,6,7)
Viadrus	Hercules ECO 5, ECO 10
Vigas	18DP
WeBiomass	Woodpecker WSCD45
Windhager	BioWIN 150
Windhager	BioWIN 260
WES	E-Compact 28
WES	E-Compact 85, 100, 125
WES	E-Compact 199
Woodmaster	Flex Fuel 30kW
Woodmaster	Flex Fuel 60kW