

2008 HVAC (COOLAdvantage and WARMAdvantage) Program Announcement

The 2008 COOLAdvantage and WARMAdvantage program has announced new qualification guidelines for heating and cooling equipment purchased June 1st, 2008 and later. It is important to note that these guidelines have changed from previous years. Please see the incentive charts for specific requirements and rebate levels for equipment covered by these programs.

COOLAdvantage

Minimum standards now require that Central Air Conditioning and Air to Air Heat Pump Systems be manufactured with a minimum SEER (Seasonal Energy Efficiency Ratio) level of 13.0. As such, the incremental energy savings of a standard system vs. the program-qualified minimum of SEER 14 are more than ever dependent on proper installation practices. For ducted systems, (central air conditioning and heat pumps) it is important to know that a new high-efficiency system must be installed and sized correctly if you are to realize the full efficiency and comfort benefits from that system. Therefore, the program guidelines have been modified with a contractor incentive to encourage your contractor to recommend the correct system for your home and to complete the installation using best practices. Additionally, note that geothermal heat pumps will be rebated at similar rebate levels to the high efficiency air-to-air systems.

New for 2008 is a rebate for ductless systems. These systems may allow you to cool or heat (in the case of a heat pump system) more efficiently by cooling only a portion of your home where central air conditioning is not needed and allow a more cost effective installation as duct work is not needed.

WARMAdvantage

The 2008 WARMAdvantage high efficiency gas furnace and boiler incentives remain the same as they have in previous years. The difference in program incentives for 2008 is with regard to high efficiency gas domestic water heating incentives. For 2008 the .62 Energy Factor level has been reduced from a \$50 to a \$25 incentive. However, a new very high efficiency water heating tier has been added for an energy factor level of .82, qualifying for a \$300 incentive. This will likely only be achieved by a tank-less systems. Tank-less systems have the potential to save because they do not require storage and maintenance of hot water when hot water is not needed, (such as when you are at work, over night or away from home.) If your lifestyle is such that hot water is not required consistently throughout the day, this option may produce energy savings for you.

Questions? Our Customer Care Center is ready to help. Contact us at 866-NJSMART for an application or any questions you may have regarding these new changes.

COOLAdvantage for high efficiency Central Air Conditioning Systems and Heat Pump Systems

Equipment Type	Minimum Efficiency Level	Sizing and Selection	Customer Portion of Incentive	Contractor Portion of Incentive
Central Air Conditioning or Air to Air	SEER 14 / EER 12 /HSPF 8.5 (must be matched system with ARI	ACCA Manual J and Manual S outputs are required showing that the installed	\$100	\$100

Heat Pump	rating number)	system is sized with 15% variance of requirement and correctly selected for the dwelling		
Central Air Conditioning or Air to Air Heat Pump	SEER 15 / EER 12.5 / HSPF 8.5 (must be matched system with ARI rating number)	ACCA Manual J and Manual S outputs are required showing that the installed system is sized with 15% variance of requirement and correctly selected for the dwelling	\$150	\$100
Geothermal Heat Pump	EER 13.0	ACCA Manual J and Manual S outputs are required showing that the installed system is sized with 15% variance of requirement and correctly selected for the dwelling	\$150	\$100
Ductless mini-split air conditioning system or heat pump	SEER 14 / EER 11 / HSPF 8.5 (must be matched system with ARI rating number)	Not required	\$100	N/A

*SEER (Seasonal Energy Efficiency Ratio) ** EER (Energy Efficiency Ratio) ***HSPF (Heating Seasonal Performance Factor – for heat pumps only)

WARM Advantage for high efficiency natural gas Heating Systems and Domestic Water Heating

Equipment Type	Minimum Efficiency Level	Incentive
Gas Furnace	AFUE* 90% or greater	\$300
Gas Furnace with ECM*	AFUE 92% or greater	\$400
Gas Boiler	AFUE 85% or greater	\$300
Domestic Hot Water Heater	EF* .62 or greater	\$25
Domestic Hot Water Heater	EF .82 or greater	\$300

* AFUE (Annual Fuel Utilization Efficiency), ECM (Electronically Commutated Motor), EF (Energy Factor)