

FOOD SERVICE PRODUCTS			
Product Code	Product Description	Rebate/Unit	Page #
402135	Steam Cooker – Electric	\$1,250.00/Steamer	<a href="#">5</a>
402136	Steam Cooker - Gas	\$2,000.00/Steamer	
402004	Fryer – Electric	\$650.00/Vat	
402005	Fryer - Gas	\$749.00/Vat	
402006	Large Electric Fryer (vat width ≥ 18 inches)	\$650.00/Vat	
402007	Large Gas Fryer (vat width ≥ 18 inches)	\$749.00/Vat	
464059	Ice Machine IMH < 300 lbs./day - New	\$75.00/Unit	<a href="#">5</a>
464060	Ice Machine IMH < 300 lbs./day - Retrofit		
464065	Ice Machine IMH > 1500 lbs./day – New	\$300.00/Unit	
464066	Ice Machine IMH > 1500 lbs./day – Retrofit		
464061	Ice Machine IMH 300 – 799 lbs./day - New	\$125.00/Unit	
464062	Ice Machine IMH 300 – 799 lbs./day – Retrofit		
464063	Ice Machine IMH 800 – 1499 lbs./day – New	\$200.00/Unit	
464064	Ice Machine IMH 800 – 1499 lbs./day – Retrofit		
464067	Ice Machine RCU < 988 lbs./day - New	\$300.00/Unit	
464068	Ice Machine RCU < 988 lbs./day - Retrofit		
464069	Ice Machine RCU ≥ 988 lbs./day - New	\$100.00/Unit	
464070	Ice Machine RCU ≥ 988 lbs./day - Retrofit		
464057	Ice Machine SCU > 200 lbs./day - New	\$50.00/Unit	
464058	Ice Machine SCU > 200 lbs./day - Retrofit		
464053	Ice Machine SCU < 110 lbs./day - New	\$75.00/Unit	
464054	Ice Machine SCU < 110 lbs./day - Retrofit		
464055	Ice Machine SCU 110 – 200 lbs./day – New	\$150.00/Linear Foot	
464056	Ice Machine SCU 110 – 200 lbs./day – Retrofit		
462971	Griddle - Electric	\$100.00/Linear Foot	<a href="#">6</a>
462972	Griddle - Gas		
463498	Combination Oven < 15 Pans - Electric	\$1,000.00/Oven	<a href="#">7</a>
463499	Combination Oven 15-28 Pans - Electric		
463500	Combination Oven > 28 Pans - Electric	\$4,000.00/Oven	
463501	Combination Oven < 15 Pans - Gas	\$1,100.00	

# Energy Efficiency Business Rebates Catalog



FOOD SERVICE PRODUCTS			
Product Code	Production Description	Rebate/Unit	Page #
463501	Combination Oven < 15 Pans - Gas	\$700.00/Oven	<a href="#">7</a>
463502	Combination Oven 15 - 28 Pans – Gas	\$1,000.00/Oven	
463503	Combination Oven > 28 Pans - Gas	\$2,000.00/Oven	
402026	Convection Oven – Electric	\$350.00/Oven	
402027	Convection Oven - Gas	\$500.00/Oven	
402160	Glass-Door Reach-in Freezer 15-29 ft <sup>3</sup>	\$60.00/Unit	
402161	Glass-Door Reach-in Freezer 30-49 ft <sup>3</sup>	\$80.00/Unit	
402159	Glass-Door Reach-in Freezer 50 ft <sup>3</sup> and over	\$100.00/Unit	<a href="#">8</a>
402029	Commercial Gas Rack Oven - Double	\$2,000.00/Unit	
402033	Commercial Kitchen Ventilation Control - New	\$500.00/Fan HP	
402032	Commercial Kitchen Ventilation Control - Retrofit		

REFRIGERATION PRODUCTS			
Product Code	Production Description	Rebate/Unit	Page #
402153	Refrigeration Display Case with Doors -Medium Temp	\$75.00/Linear Foot	<a href="#">9</a>
402154	High Efficiency Refrigeration Display Case with Special Doors - Low Temp		
402255	Anti-Sweat Heat (ASH) Controls	\$25.00	<a href="#">10</a>
402157	Special Doors with Low/Not Anti-Sweat Heat Display Case - Low Temp	\$40.00/Door	
402256	Evaporative Fan Controller for Walk-in Coolers <b>*Requires Pre-inspection</b>	\$75.00/Controller	
402062	Evaporative Fan Controller for Walk-in Freezers <b>*Requires Pre-inspection</b>		
464029	High Efficiency Ultra Low Temperature Freezer (≤ 23ft. <sup>3</sup> ) - New	\$300.00	<a href="#">11</a>
464028	High Efficiency Ultra Low Temperature Freezer (≤ 23ft. <sup>3</sup> ) - Retrofit		
464030	High Efficiency Ultra Low Temperature Freezer (≥ 24ft. <sup>3</sup> ) – New	\$600.00	
464031	High Efficiency Ultra Low Temperature Freezer (≥ 24ft. <sup>3</sup> ) - Retrofit		

# Energy Efficiency Business Rebates Catalog



NATURAL GAS PRODUCTS			
Product Code	Product Description	Rebate/Unit	Page #
462287	Storage Water Heater 0.67 – 0.69 EF 30 gal	\$2.00/Mbtuh	<a href="#">1313</a>
462288	Storage Water Heater 0.70 – 0.71 EF 30 gal		
462289	Storage Water Heater 0.67 – 0.69 EF 40 gal		
462290	Storage Water Heater 0.70+ EF 40 gal		
462291	Storage Water Heater 0.67 – 0.69 EF 50 gal		
462292	Storage Water Heater 0. 0.70+ EF 50 gal		
402038	Commercial Boiler	\$0.50/Mbtuh	
402039	Instantaneous Water Heater, Small (≤ 200 MBtuh)	\$2.00/Mbtuh	<a href="#">14</a>
402040	Instantaneous Water Heater, Large (≥ 201 MBtuh)	\$0.50/Mbtuh	
402042	Process Boiler (Water)		
402044	Direct Contact Water Heater, > 300 MBtuh	\$2.00/Mbtuh	<a href="#">1515</a>
402049	High Efficiency Residential Clothes Washer, CEE Tier 2 and 3A Models	\$35.00/Unit	
402050	High Efficiency Residential Clothes Washer, CEE Tier 3B Models	\$40.00/Unit	
402051	Steam Trap Replacement Large Commercial operating system 12-24hrs./day <b>Dry cleaners, Agricultural and Industrial accounts excluded</b>	\$100.00/Unit	<a href="#">16</a>
402421	Ozone Laundry System	\$39.00/Unit	
OTHER TECHNOLOGY PRODUCTS			
Product Code	Product Description	Rebate/Unit	Page #
402057	Reflective Window Film (Coastal)	\$1.35/Square Foot	<a href="#">17</a>
402058	Reflective Window Film (Inland)		
401063	Sprinkler to Drip Irrigation	\$44.00/Acre	<a href="#">18</a>
401064	Low Pressure Sprinkler Nozzle	\$1.15/Nozzle	
402402	Greenhouse Heat Curtain <b>*Requires Pre-Inspection</b>	\$0.40/Square Foot	<a href="#">19</a>
463521	Pool Cover - Outdoor	\$1.00/Square Foot	<a href="#">20</a>
462994	Air Compressor Variable Speed Drive (VSD) - 5 up to 15HP <b>*Requires Pre-Inspection</b>	\$75.00/HP	
462995	Air Compressor Variable Speed Drive (VSD) - 15 up to 25HP <b>*Requires Pre-Inspection</b>		

DEER PRODUCTS			
Product Code	Product Description	Rebate/Unit	Page #
463329	Packaged Heat Pump EER = 10.0 (≥ 760 kBtuh), COP = 3.2	\$69.00/Capacity Ton	<a href="#">21</a>
463332	Small Heating Hot Water Boiler (< 300 kBtuh, 90.0 AFUE, condensing)	\$1.14/kBtuh	<a href="#">22</a>

## GENERAL REQUIREMENTS

- Customers must have an active San Diego Gas & Electric® (SDG&E) commercial, industrial or agricultural electric account if applying for an electric measure and a SDG&E gas account if applying for a gas measure.
- Applied products must be installed and operational before the rebate application is submitted to SDG&E.
- All rebates apply toward the purchase of new or replacement energy-efficient equipment. New, used or rebuilt equipment is not eligible.
- Customer must provide proof that product(s) meet the energy efficiency requirements.
- It is the responsibility of the customer to ensure the equipment to be installed adheres to all state, local and national building codes or ordinances, as well as the manufacturer’s requirements.
- **Several products offered through the Energy Efficiency Business Rebates program are provided at no cost or at a discount for qualified customers through SDG&E’s Business Energy Solutions program. Customers with a monthly electrical demand less than 200 kW may participate and should visit [sdge.com/BES](http://sdge.com/BES) or call our Energy Savings Center at 1-800-644-6133 for details.**

## FOOD SERVICE & REFRIGERATION REQUIREMENTS & DEFINITIONS

- All foodservice equipment must be listed on [www.fishnick.com/saveenergy/rebates](http://www.fishnick.com/saveenergy/rebates) to qualify or [www.energystar.gov/products](http://www.energystar.gov/products), unless otherwise noted in the product requirement section.
- Medium temperature refers to refrigerated space temperatures between 1°F and 35°F. Low temperature covers temperatures below 0°F.

### ASHRAE

The American Society of Heating, Refrigerating and Air-Conditioning Engineers.

### ASTM

American Society for Testing and Materials.

### CEE

Consortium for Energy Efficiency. CEE Tier specifications are available at <http://www.cee1.org>.

### ENERGY STAR

ENERGY STAR specifications are available at: [www.energystar.gov/cfs](http://www.energystar.gov/cfs).

## Food Service Products

### COMMERCIAL STEAM COOKER

#### Requirements:

- The commercial natural gas and electric steam cooker must meet ENERGY STAR® specifications for energy efficiency or must be listed on [www.fishnick.com/saveenergy/rebates](http://www.fishnick.com/saveenergy/rebates) to qualify.

Commercial Steam Cooker Table

Product Code	Description	Rebate/Unit
402135	Steam Cooker (Electric)	\$1,250.00/steamer
402136	Steam Cooker (Natural Gas)	\$2,000.00/steamer

### COMMERCIAL FRYER

#### Requirements:

- The commercial natural gas and electric fryer must meet ENERGY STAR® specifications for energy efficiency or must be listed on [www.fishnick.com/saveenergy/rebates](http://www.fishnick.com/saveenergy/rebates) to qualify.
- Multiple vat configurations are paid per qualifying vat.

Commercial Fryer Table

Product Code	Description	Rebate/Unit
402004	Electric Fryer (vat width <18 inches)	\$650.00/vat
402005	Gas Fryer (vat width <18 inches)	\$749.00/vat
402006	Large Electric Fryer (vat width ≥18 inches)	\$650.00/vat
402007	Large Gas Fryer (vat width ≥18 inches)	\$749.00/vat

### COMMERCIAL ICE MACHINES

#### Requirements:

- Qualifying models must be listed in the California Energy Commission (CEE) database.
- Qualifying models must meet Qualified Ice Maker specifications listed on [www.fishnick.com/saveenergy/rebates](http://www.fishnick.com/saveenergy/rebates).
- Models must meet Energy Star Version 3.0 specifications
- Ice Machines must be tested in accordance with the AHRI Standard 810. Visit [ahrinet.org](http://ahrinet.org) to learn more about product information and testing procedures.
- This specification covers machines generating 60 grams (2oz.) or lighter ice cubes, as well as flaked, crushed and fragmented ice.
- Only air-cooled machines; self-contained (SCU), ice making heads (IMH) or remote condensing (RCU), are eligible.

# Energy Efficiency Business Rebates Catalog



- To qualify the entire Air Conditioning, Heat and Refrigeration Institute (AHRI) tested ice-making system. Remote machines must be purchased with qualifying remote condenser or remote condenser/compressor unit.
- Rebate amount depends on ice making rate (lbs./day). ‘Day’ is defined as
- Installation address must have a commercial electric account with SDG&E

**Commercial Ice Machines Table**

Product Code	Description (Ice Harvest Rate Capacity)	Rebate/Unit
464059	Ice Machine IMH < 300 lbs./day - New	\$75.00/unit
464060	Ice Machine IMH < 300 lbs./day - Retrofit	
464065	Ice Machine IMH > 1500 lbs./day – New	\$300.00/unit
464066	Ice Machine IMH > 1500 lbs./day – Retrofit	
464061	Ice Machine IMH 300 – 799 lbs./day - New	\$125.00/unit
464062	Ice Machine IMH 300 – 799 lbs./day – Retrofit	
464063	Ice Machine IMH 800 – 1499 lbs./day – New	\$200.00/unit
464064	Ice Machine IMH 800 – 1499 lbs./day – Retrofit	
464067	Ice Machine RCU < 988 lbs./day - New	
464068	Ice Machine RCU < 988 lbs./day - Retrofit	
464069	Ice Machine RCU ≥ 988 lbs./day - New	\$300.00/unit
464070	Ice Machine RCU ≥ 988 lbs./day - Retrofit	
464057	Ice Machine SCU > 200 lbs./day - New	\$100.00/unit
464058	Ice Machine SCU > 200 lbs./day - Retrofit	
464053	Ice Machine SCU < 110 lbs./day - New	\$50.00/unit
464054	Ice Machine SCU < 110 lbs./day - Retrofit	
464055	Ice Machine SCU 110 – 200 lbs./day – New	\$75.00/unit
464056	Ice Machine SCU 110 – 200 lbs./day – Retrofit	

## COMMERCIAL GRIDDLE

### Requirements:

- The commercial natural gas and electric griddle must meet ENERGY STAR® specifications for energy efficiency or must be listed on [www.fishnick.com/saveenergy/rebates](http://www.fishnick.com/saveenergy/rebates) to qualify.

**Commercial Griddle Table**

Product Code	Description	Rebate/Unit
462971	Commercial Electric Griddle	\$150.00/linear foot
462972	Commercial Gas Griddle	\$100.00/linear foot

## COMMERCIAL COMBINATION OVEN

### Requirements:

- The commercial electric and natural gas combination oven must meet ENERGY STAR® specifications for energy efficiency or must be listed on [www.fishnick.com/saveenergy/rebates](http://www.fishnick.com/saveenergy/rebates) to qualify.
- Electric ovens must have a tested steam mode cooking efficiency of  $\geq 50\%$ .
- Electric ovens must have a tested convection mode cooking efficiency of  $\geq 70\%$ .
- Gas ovens must have a tested steam mode cooking efficiency of  $\geq 38\%$ .
- Gas ovens must have a tested convection mode cooking efficiency of  $\geq 44\%$ .

Commercial Combination Oven Table

Product Code	Description and Required Efficiency	Rebate/Unit
463498	Commercial Electric Combination Oven <15 Pans	\$1,000.00/oven
463499	Commercial Electric Combination Oven 15 to 28 Pans	
463500	Commercial Electric Combination Oven >28 Pans	\$4,000.00/oven
463501	Commercial Gas Combination Oven <15 Pans	\$700.00/oven
463502	Commercial Gas Combination Oven 15 to 28 Pans	\$2,000.00/oven
463503	Commercial Gas Combination Oven >28 Pans	\$1,000.00/oven

## COMMERCIAL CONVECTION OVEN

### Requirements:

- Must be listed in the California Energy Commission database and meet ENERGY STAR® specifications for energy efficiency or be listed on [www.fishnick.com/saveenergy/rebates](http://www.fishnick.com/saveenergy/rebates).

Commercial Convection Table

Product Code	Description	Rebate/Unit
402026	Commercial Electric Convection Oven	\$350.00/oven
402027	Commercial Gas Convection Oven	\$500.00/oven

## COMMERCIAL GLASS DOOR FREEZER

### Requirements:

- The refrigeration system shall be built-in (packaged). Cases with remote refrigeration systems do not qualify.
- Used or rebuilt equipment is not eligible.
- Qualifying models must be listed in the California Energy Commission database and meet ENERGY STAR® specifications for energy efficiency as listed in table below.

## Maximum Daily Energy Consumption Requirements

Product Volume (in cubic feet)	Freezer (Glass Door)
$15 \leq V < 30 \text{ ft}^3$	$\leq 0.733V - 1.000 \text{ kWh/day}$
$30 \leq V < 50 \text{ ft}^3$	$\leq 0.250V + 13.500 \text{ kWh/Day}$
$50 \leq V \text{ ft}^3$	$\leq 0.450V + 3.500 \text{ kWh/Day}$

V = Internal volume in ft<sup>3</sup> (cubic foot)

Products are qualified using ASHRAE standard 72-2005 at 38°F ± 2°F for refrigerators and 0°F ± 2°F for freezers

## Commercial Glass Door Freezer Table

Product Code	Description	Rebate/Unit
402160	Glass-Door Reach-In Freezer 15-29 ft <sup>3</sup>	\$60.00/unit
402161	Glass-Door Reach-In Freezer 30-49 ft <sup>3</sup>	\$80.00/unit
402159	Glass-Door Reach-In Freezer 50 ft <sup>3</sup> and over	\$100.00/unit

## COMMERCIAL RACK OVEN (NATURAL GAS)

### Requirements:

- The commercial natural gas rack oven must meet ENERGY STAR® specifications for energy efficiency or must be listed on [www.fishnick.com/saveenergy/rebates](http://www.fishnick.com/saveenergy/rebates) to qualify.

## Commercial Rack Oven (Natural Gas) Table

Product Code	Description	Rebate/Unit
402029	Commercial Gas Rack Oven –Double	\$2,000.00/unit

## COMMERCIAL KITCHEN VENTILATION CONTROL

### Requirements:

- This incentive applies towards the purchase and installation of a new commercial kitchen exhaust hood control system installed in an existing or new dedicated commercial kitchen exhaust hood and make-up air system.
- The control system must be used in conjunction with variable speed fan motor controls.
- To comply with SB 454, must use a licensed contractor, as appropriate, and follow applicable permitting requirements for this installation. Ensure you have completed both the customer certification and the contractor certification in section 10 of the Energy Efficiency Business application for this HVAC related product.
- New hood installations must have total kitchen hood airflow less than 5,000 cfm.

## Commercial Kitchen Ventilation Control Table

Product Code	Description	Rebate/Unit
402032	Retrofit	\$500.00/fan hp.
402033	New Hood	\$500.00/fan hp.



## Refrigeration Products

### REFRIGERATION DISPLAY CASE WITH DOORS

#### Requirements:

- Must replace an existing open multi-deck display case with a new high efficiency reach-in unit with:
  - Low/no anti-sweat double pane glass doors with heat-reflective treatment or gas fill
  - Electronically Commutated Motor (ECM) fan motors (evaporator and/or condenser)
  - LED Lighting
  - Low or no ASH. If ASH is used, ASH controls are recommended
- Medium temperature cases – heat is allowed in the frame but not the door.
- This measure can be applied to self-contained or remote cases.
- New case length must be equal to or shorter than original case and are rebated based on their length (linear footage).
- Deli cases, custom coolers/freezers and walk-in boxes with reach-in doors do not qualify.

#### NOTE:

Display case replacements that are part of large-scale store remodels and any new construction projects should be revised to be customer measures. Large-scale remodels are defined as any project involving 50% of the linear feet of refrigerated casework or 32 linear feet of casework replacements, whichever is less.

Refrigeration Display Case with Doors Table

Product Code	Description	Rebate/Unit
402153	New Refrigeration Display Case with Doors (Medium Temp)	\$75.00/linear foot of new displace case

### HIGH EFFICIENCY LOW TEMP REFRIGERATION DISPLAY CASE WITH SPECIAL DOORS

#### Requirements:

- The new high efficiency reach-in display case must replace an existing low temperature self-contained or remote reach-in. This measure cannot be used in conjunction with measure 402255.

High Efficiency Low Temp Display Case with Special Doors Table

Product Code	Description	Rebate/Unit
402154	New High Efficiency Low Temp Refrigeration Display Case with Special Doors	\$75.00/linear foot

## ANTI-SWEAT HEAT (ASH) CONTROLS

### Requirements:

- Must install a device that senses the relative humidity in the air outside of the display case and reduces or turns off the glass door (if applicable) and frame anti-sweat heaters at low humidity conditions.
- Equivalent technologies that can reduce or turn off anti-sweat heater based on the amount of condensation formed on the inner glass pane may also qualify. This measure cannot be used in conjunction with Measure 402153.

### Additional Details:

- Rebate is based on the total linear footage of the display case.

Anti-Sweat Heat (ASH) Controls Table

Product Code	Description	Rebate/Unit
402255	Anti-Sweat Heat (ASH) Controls	\$25.00/linear foot

## SPECIAL DOORS WITH LOW/NO ANTI-SWEAT HEAT ON LOW TEMP DISPLAY CASES

### Requirements:

- Must replace an existing standard glass door of a low temperature reach-in display case with a special glass door that requires minimum to no anti-sweat heat (ASH). This measure cannot be used in conjunction with measure 402255.
- New Doors must prevent condensation from occurring within the frame assembly.
- Total door rail, glass, and frame heater amperage (at 120 volts) cannot exceed 0.39 amps per foot of display case.
- Rebate is based on number of doors replaced.

Special Doors with Low/No ASH on Low Temp Display Cases Table

Product Code	Description	Rebate/Unit
402157	Special Doors with Low/No Anti-Sweat Heat on Low Temp Display Case	\$40.00/door

## EVAPORATOR FAN CONTROLLER FOR WALK-IN COOLERS AND FREEZERS \*Requires Pre-Inspection

### Requirements:

- **Pre-inspection required**, please submit an online application at [sdge.com/bizrebates](http://sdge.com/bizrebates) to schedule a pre-inspection
- Must install an advanced controller on refrigeration system of an existing walk-in cooler or freezer to decrease energy consumption by optimized control.
- Must reduce airflow of evaporator fans in medium-temperature walk-in coolers and freezers when compressor(s) cycle off and there is no refrigerant flow through the evaporator.
- Controller must be on an existing evaporative fan.

- The advanced control must be compatible with the existing refrigeration system so it does not degrade system performance

**Exclusions:**

- This cannot be used in conjunction with a demand defrost controller
- Not eligible for controller rebate if installing a new evaporative fan,
- Do not install if the evaporator fan does not run 24/7 at full speed

**Additional Details:**

- This measure applies to both low temperature (“freezer” – below 32°F) and medium temperature (“cooler” – above 32°F).

**Evaporator Fan Controller for Walk-in Coolers and Freezers Table**

Product Code	Description	Rebate/Unit
402256	Evaporator Fan Controller for Walk-In Coolers	\$75.00/controller
402062	Evaporator Fan Controller for Walk-In Freezers	

## HIGH EFFICIENCY ULTRA LOW TEMP FREEZERS

**Requirements:**

- Qualifying freezers must be listed on [Energy Star®](#) to be eligible
- Doors mounted on vertical hinges
- Volume must be between 15 and 29 ft<sup>3</sup> (0.425 -0.821 meters<sup>3</sup>)
- Freezer must be capable of maintaining temperatures down to -80°C
- Installation address must have a commercial electric account with SDG&E

**High Efficiency Ultra Low Freezers Table**

Product Code	Description	Rebate/Unit
464029	High Efficiency Ultra Low Temperature Freezer, ≤ 23 ft <sup>3</sup> - New	\$300.00/freezer
464028	High Efficiency Ultra Low Temperature Freezer, ≤ 23 ft <sup>3</sup> – Retrofit	
464030	High Efficiency Ultra Low Temperature Freezer, ≥ 24 ft <sup>3</sup> - New	\$600.00/freezer
464031	High Efficiency Ultra Low Temperature Freezer, ≥ 24 ft <sup>3</sup> - Retrofit	

## **NATURAL GAS REQUIREMENTS & DEFINITIONS**

The California Energy Commission (CEC) and/or Gas Appliance Manufacturers Association (GAMA) equipment efficiency listed ratings prevail over all submitted technical documentation, unless otherwise approved.

### **ANNUAL FUEL UTILIZATION EFFICIENCY (AFUE)**

The ratio of annual output energy to annual input energy.

### **BUBBLE DIFFUSION**

A method of inserting ozone into water by continuously bubbling ozone directly into the sump of the washer throughout the wash cycle.

### **COMBUSTION EFFICIENCY (CE)**

100 times (1 - energy lost to flue) divided by input energy.

### **MBtuh**

1,000 Btuh.

### **THERMAL EFFICIENCY (TE)**

100 times useful energy output divided by input energy.

### **TOTAL WASHER CAPACITY**

Refers to rated capacity of installed and operating washing machine units that will be connected to the ozone laundry system(s).

### **VENTURI INJECTION**

A method of inserting ozone into water using very high pressure directly into the cold-water supply line leading to the washer.

## Natural Gas Products

### STORAGE WATER HEATER

#### Requirements:

- Water heaters must meet efficiency requirements based on size, as shown in Table below. Equipment used for pools and spas does not qualify.
- If the size and efficiency are not shown on the invoice, you must include a manufacturer's specification sheet documenting these characteristics.

Storage Water Heater Table

Product Code	Size (gal)	Required Efficiency	Input Rating	Rebate/Unit
462287	30	0.67 - 0.69 EF	≤ 75,000 MBtuh	\$2.00/MBtuh
462288	30	0.70 – 0.71 EF	≤ 75,000 MBtuh	
462289	40	0.67 - 0.69 EF	≤ 75,000 MBtuh	
462290	40	≥ 0.70 EF	≤ 75,000 MBtuh	
462291	50	0.67 - 0.69 EF	≤ 75,000 MBtuh	
462292	50	≥ 0.70 EF	≤ 75,000 MBtuh	

\*EF = Energy Factor, TE = Thermal Efficiency

### COMMERCIAL BOILER (NON-SPACE CONDITIONING/NON-PROCESS RELATED)

#### Requirements:

- Only boilers > 75,000 Btuh qualify.
- Must meet a minimum thermal efficiency of 84%.
- Rebate does not apply to new construction.
- Must Include a manufacturer's specification sheet documenting these characteristics, including the manufacturer's name and equipment model number.

#### Exclusions:

- Boiler must not be used for space conditioning for human comfort.
- Boiler must not be used for industrial (process) end-use.
- Equipment used for pools and spas does not qualify.
- Industrial customers do not qualify.

Commercial Boiler (Non-Space Conditioning/Non-Process Related) Table

Product Code	Description	Rebate/Unit
402038	Commercial Boiler	\$0.50/MBtuh

## INSTANTANEOUS (TANKLESS) WATER HEATER

### Requirements:

- Water heaters must meet efficiency requirements based on size shown in Table below.
- Only instantaneous water heaters (as defined by the California Energy Commission Title 20 & 24 standards) used for non-process hot water applications qualifies.
- The manufacturer name and equipment model number must be provided.
- Must provide proof of the tankless nature of the water heater (e.g., manufacturer equipment specification sheets).

Instantaneous (Tankless) Water Heater Table

Product Code	Description	Technical & Size Requirements	Rebate/Unit
402039	Small Instantaneous Hot Water Heater	≤ 200 MBtuh EF ≥ 82%	\$2.00/ MBtuh
402040	Large Instantaneous Hot Water Heater	≥ 201 MBtuh TE ≥ 85%	\$0.50/MBtuh

## PROCESS BOILER

**Manufacturing** – involves the mechanical or chemical transformation of materials or substances into a new product which is neither a structure nor any other fixed improvement.

### Requirements:

- Available to industrial end-use customers who manufacture a sellable product only (NAICS codes 31-33). Boilers primarily used for domestic hot water, space conditioning, pool or spa use do not qualify.
- Boilers must meet efficiency requirements as shown in Table below.
- The manufacturer name and equipment model number must be provided.
- A flue gas analysis measured under full load conditions is required to document combustion efficiency after installation is complete.

Process Boiler Table

Product Code	Description	Sub Category	Size Category (input)	Minimum Efficiency b,c	Rebate/Unit
402042	Water Process Boiler	Gas-Fired	< 300,000 Btu/h	80% AFUE	\$0.50/MBtuh
		Gas-Fired all, except natural draft	≥ 300,000 Btu/h & ≤ 2,500,000 Btu/h	79%E <sub>t</sub>	
			> 2,500,000 Btu/h	79%E <sub>t</sub>	
		Gas-Fired, natural draft	≥ 300,000 Btu/h & ≤ 2,500,000 Btu/h	77%E <sub>t</sub>	
> 2,500,000 Btu/h	77%E <sub>t</sub>				

## DIRECT CONTACT WATER HEATER

In direct contact water heater system designs, heat from a flame comes into direct contact with small droplets of cold water which run through a stainless-steel heat exchange media.

### Requirements:

- Only direct contact water heaters for process end-uses qualify (NAICS codes 31-33). Water heater primarily used for domestic hot water, space conditioning, pool or spa use do not qualify.
- Boilers must meet efficiency requirements as shown in Table below.

Direct Contact Water Heater Table

Product Code	Required Efficiency	Rebate/Unit
402044	> 300 MBtuh, ≥ 90% TE	\$2.00/MBtuh

## RESIDENTIAL HIGH EFFICIENCY CLOTHES WASHER

Modified Energy Factor (MEF) - measures energy consumption of the total laundry cycle (washing and drying). It indicates how many cubic feet of laundry can be washed and dried with one kWh of electricity; the higher the number, the greater the efficiency.

Water Factor (WF) - represents the number of gallons of water needed for each cubic foot of laundry. The lower number indicates lower consumption and more efficient use of water.

### Requirements:

- Rebate is for a high-efficiency residential washer used at a business for onsite/in-house laundry. Commercial coin operated equipment does not qualify.
- Must have either natural gas or electricity distributed to the installation address by SDG&E.
- Qualifying clothes washers must have specific Modified Energy Factors (MEF) and Water Factors (WF) based on levels listed below.
- Qualifying Level 1 residential clothes washers may be viewed at <http://www.cee1.org/resid/seha/rwsh/rwsh-prod.pdf>, Tier 2 and 3A.
- Qualifying Level 2 residential clothes washers may be viewed at <http://www.cee1.org/resid/seha/rwsh/rwsh-prod.pdf>, Tier 3B.

Residential High Efficiency Clothes Washer Table

Product Code	Description & Technical Requirements	Rebate/Unit
402049	High Efficiency Clothes Washer, CEE Tier 2 Top Loading MEF of 2.2 or greater and a WF of 4.0 or less	\$30.00/Unit
402050	High Efficiency Clothes Washer, CEE Tier 2 Front Loading MEF of 2.74 to 2.92 and a WF of 3.2 or less	\$40.00/Unit

## STEAM TRAPS

### Requirements:

- Must be a commercial facility that operates 12 hours or more.
- New construction is not eligible.
- Steam traps must replace one-to-one an existing failed or older steam traps that have been in service for a minimum of five years.
- For each steam trap being replaced must provide steam trap manufacturer, model number, specification sheet, paid purchase receipt with tax and proof of shipping.
- Must provide operating pressure of steam system, and construction style (mechanical, thermostatic, or thermodynamic).
- May be asked to verify the location of the replaced steam trap(s) in steam loop.

Steam Traps Table

Product Code	Description & Technical Requirements	Rebate/Unit
402051	Large Commercial Operating System 12-24 hrs./day <b>Dry cleaners excluded.</b> <b>Not available for Industrial and Agricultural Applications.</b>	\$100.00/Unit

## OZONE LAUNDRY SYSTEM

### Requirements:

- Must have a natural gas-fired boiler or natural gas water heater that supplies hot water to the on-premise laundry equipment.
- This incentive only applies to hotels/motels with fewer than 250 guest rooms OR fitness and recreational sports centers that have on premise laundry operations.
- The ozone laundry system(s) must be a new purchased product and added-on to a new or existing commercial washing machine(s).
- The ozone laundry system(s) must transfer ozone into the water through Venturi Injection OR Bubble Diffusion.
- For hotel customers: The total number of guest rooms must be provided on the invoice.
- Include a manufacturer's specification sheet documenting manufacturer name, equipment model, and ozone laundry system's serial number(s).
- Must provide total washer capacity in pounds for operating washer units with ozone laundry system(s) connected.



## Additional Details:

- Hotels/motels with 250 guest rooms or more and other types of facilities may be considered under our Energy Efficiency Business Incentives.

Ozone Laundry System Table

Product Code	Description	Rebate/Unit
402421	Ozone Laundry System	\$39.00/lb. Washing Machine Capacity (Connected to Ozone Laundry System)

## Other Technology Products

### REFLECTIVE WINDOW FILM

To convert Shading Coefficient (SC) to Solar Heat Gain Coefficient (SHGC), use the following equation:  
 $SHGC = SC \times .87$ .

#### Requirements:

- Film must have a minimum 5-year manufacturer’s warranty.
- Space must be cooled by vapor-compression air conditioner (evaporative-cooled space not eligible). Rebates are not available for windows with northern exposure ( $\pm$  45 degrees of due north).
- Must be applied to clear, single-pane glass and meet one of the following:
  - Film must have a SHGC less than 0.39
  - Or film can have a SHGC less than 0.47 and visible transmittance/solar heat gain coefficient (VT/SHGC) ratio greater than 1.3
- Specification and square footage installed must be documented on the invoice

Reflective Window Film Table

Product Code	Description	Rebate/Unit
402057	Reflective Window Film (Coastal)	\$1.35/square foot
402058	Reflective Window Film (Inland)	

## SPRINKLER TO DRIP IRRIGATION

### Requirements:

- Must convert from a high-pressure, impact-type, sprinkler irrigation system (50 psi operating pressure or more at the sprinkler head) to a micro-irrigation system. Include an Assessor’s Parcel Map or other documentation to verify acreage.

### Exclusions:

- Drip tape systems are not eligible.
- Not applicable to new plantings of vineyards or orchards unless a vineyard or orchard was the previous crop on the field.

Sprinkler to Drip Irrigation Table

Product Code	Description	Rebate/Unit
401063	Sprinkler to Drip Irrigation	\$44.00/acre

## LOW PRESSURE SPRINKLER NOZZLES

### Requirements:

- Must convert from a high-pressure, sprinkler system nozzle (50 psi operating pressure or more at the sprinkler head).
- Must be accompanied by a pumping plant analysis to ensure reasonable pumping efficiency (45% Overall Pumping Efficiency or above) after the conversion.
- Portable hand-move or solid set systems may apply.

Low Pressure Sprinkler Nozzles Table

Product Code	Description	Rebate/Unit
401064	Low Pressure Sprinkler Nozzles	\$1.15/nozzle

## GREENHOUSE HEAT CURTAINS - \*Pre-Inspection Required

### Requirements:

- **Pre-inspection required**, please submit an online application at [sdge.com/bizrebates](http://sdge.com/bizrebates) to schedule a pre-inspection
- Only installations of interior curtains for heat retention in existing gas-heated greenhouses qualify
- The rebate applies to new and retrofit curtain system installations in existing greenhouses for specific agricultural end-use.
- The agricultural uses include horticultural specialties such as ornamental floriculture, nursery products and food crops grown under cover (NAICS 1114) and landscape and horticultural services (NAICS 541 & 561) which store agricultural products under cover.
- Product must be designed by the manufacturer to be a heat curtain, and the installation must have the ability to automatically or manually move the curtain into place.
- Curtain must be located such that the gas heat source provides hot air to conditioned space bounded by the curtain.
- Curtain material must have an Energy Savings rating of greater than 40% and must have a warranty/product life of 5 years.
- Rebate amount is for square footage of curtain material.
- Must include the manufacturer’s specification sheet documenting type of curtain.
- Rebate amount cannot exceed square feet of qualifying curtain material purchased, paid for and properly installed at SDG&E account listed on the rebate form.
- Rebate amount also cannot exceed the square feet of floor space covered by the installation of the curtain material.
- Rebate amount also cannot exceed the square feet of floor space covered by the installation of the curtain material.
- Must provide greenhouse square footage on the Energy Efficiency Business Rebates Application.

### Exclusions:

- Overhang and overlap of curtain material does not qualify for rebate.

**Greenhouse Heat Curtains Table**

Product Code	Description	Rebate/Unit
402402	Greenhouse Heat Curtains	\$0.40/square foot

## POOL COVERS

### Requirements:

- The pool must be heated with natural gas.
- Proof of a minimum five-year warranty (any combination of manufacturer’s and/or extended applies)
- Proof of cover thickness and K factor.
- Olympic size pools must have a storage reel system either manual or automatic winding (*subject to inspection*)
- Rebate applicable to installed pool cover, per pool only

Pool Cover Table

Product Code	Description	Efficiency Requirements	Rebate/Unit
463521	Outdoor Pool Cover	R value $\geq 0.5 \text{ ft}^2 - \text{hr.} - ^\circ\text{F}/\text{Btu}$	\$1.00/square foot

Olympic Size – Defined as having a straight length of 25 yards, and a minimum eight lanes whose centerline width must be 2.5 yards (4,592 ft<sup>2</sup> minimum)

R Value – Thermal Resistance non-dimensional value found using the following formula (R value = t/k). Where t = thickness of pool cover in inches; and k is the pool cover’s thermal conductivity factor with units of BTU/ft<sup>2</sup> – hr. - °F/inch. Customer’s goal is to find a pool cover whose R value  $\geq 0.5 \text{ ft}^2 - \text{hr.} - ^\circ\text{F}/\text{Btu}$ . Sample

Calculation:  $R = t/k = (1/8")/0.25 \text{ BTU ft}^2\text{-hr-}^\circ\text{F}/\text{Btu}$ .

## AIR COMPRESSOR VARIABLE SPEED DRIVE (VSD) \*Requires Pre-Inspection

### Requirements:

- **Pre-inspection required**, please submit an online application at [sdge.com/bizrebates](http://sdge.com/bizrebates) to schedule a pre-inspection
- Measure is for the addition of a VSD onto an existing rotary screw compressor.
- The existing compressor must have a horsepower rating  $\geq 5 \text{ HP}$  and  $< 25 \text{ HP}$ . Compressors 25 HP and greater are ineligible due to 2013 Title 24 standards.
- The existing compressor must use load/unload controls.
- The existing compressor must operate in a stand-alone capacity or as a trim compressor, i.e. not base loaded in a multiple compressor system.
- The existing compressor must be permanently installed; portable compressors are not eligible.

- This measure is applicable to the following building types:
  - Agricultural
  - Heath/Medical – Hospital & Clinic
  - Manufacturing - Bio Tech & Light Industrial
  - Industrial
  - Retail – Single Story: Large
  - Transportation – Communication/Utilities
  - Misc. – Commercial

**Air Compressor VSD Table**

Product Code	Description	Rebate/Unit
462994	Air Compressor VSD (5 up to 15 HP)	\$75.00/HP
462995	Air Compressor VSD (15 up to 25 HP)	\$75.00/HP

## DEER PRODUCTS

### DEER PRODUCT REQUIREMENTS

- All applications for DEER measures listed in this catalog must have pre-inspection & post-inspection. A notice-to-proceed will be issued after the pre-inspection is complete, at which time new equipment can be installed. All new equipment must be installed and operational before the final rebate application is submitted.

Please submit an online application at [sdge.com/bizrebates](http://sdge.com/bizrebates) to schedule a pre-inspection

### PACKAGED HEAT PUMP EER 10.0

#### Requirements:

- Heat pump capacity must be equal to or greater than 760,000 BTH capacity.
- New heat pump must have 10EER and 3.2 COP.
- Heat pump must be used for space heating/cooling to induce human comfort.
- Must include the heat pump specification sheet and original project scope letter.
- Unit must be purchased from distributor in San Diego Gas & Electric territory.

**Packaged Heat Pump EER 10.0 Table**

Product Code	Product Description	Rebate/Unit
463329	Packaged Heat Pump EER = 10.0 (≥ 760 kBtuh), COP = 3.2	\$69.00/capacity ton

## SMALL CONDENSING HOT WATER BOILER

### Requirements:

- Boiler must be used for space heating to induce human comfort.
- Boiler must meet 90.0 AFUE.
- Must include manufacturer's specification sheet documenting boiler type, input rating and efficiency rating.

Small Condensing Hot Water Table

Product Code	Product Description	Rebate/Unit
463332	Small Heating Hot Water Boiler (< 300 kBtuh, 90.0 AFUE, condensing)	\$1.14/kBtuh

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