



ORANGE

ENERGIZING SOLUTIONS

•
•
•
•
•
•

Refrigerator Gasket Service

For



By

Orange Energizing Solutions

ORANGE ENERGIZING
SOLUTIONS

Phone:
Web:
Email:
Address:

(204) 975-0574
<http://www.oesolutions.net>
pep@oesolutions.net
725 Century St. Winnipeg, MB



THE HISTORY OF ORANGE ENERGIZING SOLUTIONS

- *The Gasket Guy, Inc.* was established over fifteen years ago in Florida, by Moshe Schneider, the founder and principle. The company's purpose was to provide all types of commercial kitchens with replacement gaskets for refrigeration units. Gaskets are an essential part of the refrigeration unit which become worn out and damaged with repeated usage. Due to its fragility, a gasket requires expertise in the manufacturing and installation process in order to preserve and prevent harm to the refrigeration unit. As a result of the company's level of expertise, we have provided service to thousands of commercial kitchens across North America, the company has also provided refrigerator manufacturing companies with its services.

DEER research (Database for Energy Efficient Resources) have demonstrated that, gaskets are an excellent low-cost item that significantly reduces energy consumption. In recent years, gaskets have been recognized as eligible for rebates by utility companies across North America. The Gasket Guy strategically acquired **GREEN ENERGY MASTERS** and began supplying gaskets and other energy efficiency products (strip curtains, night covers, door closers, and others) for commercial kitchens. The company opened branches in San Francisco, New York, Pittsburgh, Missouri and Arizona to provide local businesses with these products, subsidized by utility rebate programs, at a highly competitive price.

In November, 2011, a connection was made between Moshe Schneider and the utility company Manitoba Hydro in Winnipeg, Canada. The Power Smart program of MB Hydro offered incentives for gaskets and strip curtains for commercial kitchens, and Moshe identified that there was no local company in Manitoba to fill that niche. In April, 2012, **Orange Energizing Solutions** was established under the parent company Edoe, Inc. (as of April, 2012, a registered company in Manitoba).

Since that time, Orange has been serving businesses in the Winnipeg area, in collaboration with MB Hydro. OES's advantage is our turn key in-house supply and service. For all of our items the site survey, manufacture, shipping, installation and warranty are all performed in-house. Through this policy, and a commitment to excellence, we are able to provide our highly competitive prices to all of our customers, across the US and Canada.

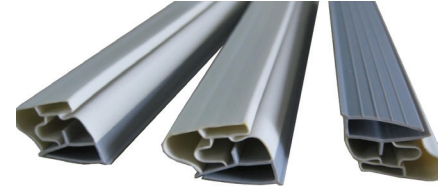


PRODUCT LINE

ORIGINAL EQUIPMENT MANUFACTURING

- Below are some of the most common products that we install:

- **Door gaskets:** We regularly replace door gaskets as well as the hardware supporting the door. Poor gaskets overwork refrigerator and freezer compressors. Poorly working hardware such as latches and hinges can prevent even a perfect gasket from sealing, with the same result. Based on PG&E working papers, the Database for Energy Efficient Resources (DEER) and figures used by similar energy efficiency programs, replacement of worn door gaskets has been calculated to return 104 kWh savings per linear foot.



Strip curtains: Without strip curtains, each time a walk-in door is opened cold air escapes, and hot air enters. A strip curtain can save more than \$1,000/year in operating expenses for a walk-in cooler or freezer. Strip curtains are calculated to save 465 kWh/square foot. Each strip curtain is individually cut and assembled on to open showcase at time of installation.



Auto-closers: Customers and staff regularly leave doors open or ajar on walk-in and reach-in refrigerators, forcing the compressor to compensate. Door closers save different amounts of energy depending on the size and temperature of the cooler that is being closed. Although on average door closers come out to more than \$0.08/kWh installed, the importance of the closer in keeping a door sealed is significant. By blending the added cost into the gaskets and strip curtains, the total program cost can easily be kept below the \$0.08 threshold. With door closers, doors in the doorways of walk-in boxes and refrigerated warehouses reduces air infiltration 75 percent.





PRODUCT LINE

ORIGINAL EQUIPMENT MANUFACTURING

- **Night covers:** Open refrigerated display cases suffer from the effects of heat and ultra violet radiation exposure in the grocery store environment. There is often a misconception that cold refrigerated air escapes from display cases, resulting in cold air spillage. However, warm air is actually drawn toward the colder air, raising the temperature in refrigerated display cases. To address this issue, an efficient thermal barrier is needed between the refrigerated display case, and the ambient air in the supermarket. Night covers are energy-saving thermal curtains that reflect warm temperatures away from supermarket refrigerated display cases.



Diamond Plate /Metal Work: (This is a non-energy efficiency product) As a company that serves commercial kitchens, we also provide other commercial kitchen needs as well as energy efficient products. Diamond plate has multi uses in the standard commercial kitchen, for the covering of walls, working areas, floors, etc. This product has many safety and sanitary benefits.

Original Equipment Manufacturing (OEM)

GASKETS: OES is an Original Equipment Manufacturer (OEM), assembling the gaskets in warehouses in Florida, New York, and Winnipeg from the rubber extrusion of original model manufacturing (supplied from Fabricated Extrusion Company, California).

STRIP CURTAINS: The company's strip curtains are purchased in Bulk (300-500 ft rolls) from distributor companies, mainly TMI.





SAVINGS STUDIES

		<i>Source</i>
Night Covers	Low temperature (-35°F to -5°F) = 0.1 kW/ft Medium temperature (0°F to 30°F) = 0.06 kW/ft High temperature (35°F to 55°F) = 0.04 kW/ft	The following savings factor values are recommended. These factors are based on a study by Southern California Edison, From pg 184 of Con Edison's current Tech manual
Gaskets	Freezer (0°F) 114 kWh / ln ft Cooler (40°F) 15 kWh / ln ft	Calculations from the Energy Efficiency Program Con Edison tool Database for kWh savings.
Strip Curtains	Freezer (0°F) 409 kWh / sq ft Cooler (40°F) 159 kWh / sq ft	
Auto Door Closer	With Door Closers, doors in the walk-in boxes and refrigerated warehouses reduce air infiltration 75 percent	



ORANGE

ENERGIZING SOLUTIONS



Letters of Recommendation



LETTERS

FROM OUR CUSTOMERS



To Whom It May Concern:

Boston Market has been a customer of Green Energy Masters for over 3 years. During this time we have not had any issues or concerns with their service. We do recommend this company for your gasket needs. They have proven to be trustworthy and deliver on their commitments.

Thank You

Tim Escover
Area Manager
Boston Market



LETTERS

FROM OUR CUSTOMERS



To Whom It May Concern:

On behalf of Michael Orszulak and Green Energy Masters. I've been asked to offer my endorsement of their recently provided energy service. Green Energy Masters had replaced the worn refrigeration gaskets, strip curtains and auto door closers at all of our Northern California restaurants at which our utilities are provided by Pacific Gas and Electric Company. They are currently offering an amazing rebate program and highly recommend taking advantage of it while it is still in effect. These items are replaced at no cost to the stores. I personally consider it a no brainer.

Michael's professional manner, communication and follow through have been exemplary. He and his company make participation in the program a pleasure. His staff completed their work on schedule as well as maintaining the high quality standards we require in our stores.

It is without reservation that I highly recommend Green Energy Masters to you.

Sincerely,

Terry Elliott
Northwest Regional Facilities Manager California
Pizza Kitchen



LETTERS

FROM OUR CUSTOMERS



To Whom it may concern:

During the past 2 years I have been very pleased with the level of service I have received as well as the quality of product received from the good people associated with The Green Energy Masters Company.

They have been involved in changing out our expired gaskets within our restaurants in the California area in association with the local utility agency's at a no cost to us basis, as promised by them.

I would highly recommend anyone who is considering a program such as this to use Green Energy Masters if possible, they just make the whole experience go so smooth and I have found them to be true to their word.

Jim Mouland
Construction/Project Manager
Denny's Restaurant Corporation



LETTERS

FROM OUR CUSTOMERS



To Whom It May Concern:

We have worked with Green Energy Masters to change out the refrigeration gaskets at our McDonald's restaurants at no cost to us. They completed the job quickly and efficiently with no problems.

Michael Qrszulak made this project simple and hassle free for me.

Sincerely,

Gay Frost
Office Manager



CHECK LIST

Check List

-
-
-
- Store Address : _____
- Store Number : _____
- Store Manager: _____
- We have changed _____ gasket(s). We have installed a new _____ and a new _____. We did all maintenance on the doors including;

Walk in unit:

- ☐ Inspect door step.
- ☐ Check magnetic frame.
- ☐ Check frame heating unit.
- ☐ Cline gasket retainer (track) from mold and mildew.
- ☐ Adjust walk-in door hinges.
- ☐ Grease, lubricant hinges.
- ☐ Adjust door closer.
- ☐ Grease, lubricant door closer.
- ☐ Grease, lubricant handle.
- ☐ Inspect and adjust door sweeper.
- ☐ Replace gasket.
- ☐ Check sealing of the walk-in door after gasket installation.
- ☐ Inspect strip curtain for mold and mildew and clean.
- ☐ Replace any missing or damaged piece of the strip curtain.
- ☐ Compare thermometer read before and after treatment.

Glass and solid doors:

- ☐ Cline gasket retainer (track) from mold and mildew.
- ☐ Replace gasket retainer where broken.
- ☐ Grease, lubricant hinges.
- ☐ Tighten door springs where needed.
- ☐ Adjust glass door hinges.
- ☐ Check magnetic frame.
- ☐ Check frame heating unit.
- ☐ Inspect and fix needed door handle.
- ☐ Replace gasket.
- ☐ Check sealing of the glass door after gasket installation.
- ☐ Compare thermometer read before and after treatment.

There are _____ photos attached to this email showing what we replaced.