



**A Food Waste Disposer
for Septic Systems**

in sink erator®

In New Zealand over a hundred thousand tonnes of food waste goes to landfills, which is having an increased environmental impact.

InSinkErator have designed a food waste disposer for septic systems to help divert this food waste going landfills.

This brochure outlines the impact a food waste disposer has on a septic system and dispels the myths around installing one. The information comes from various studies conducted in North America by universities and government bodies.

Benefits of using one

- Keeps your kitchen hygienic & clean
- Quietest models on the market
- Easy to install by plumber
- Reduce waste going into the bin
- Reduce smells coming from bin
- Uses only \$1 of power a year
- Uses around one flush of the toilet of water per day
- Part of the solution to reducing food waste going to landfills
- Grinds eggs shells, banana skins, avocado peel & pips, chicken & fish bones
- New Zealand wide installation & service
- Up to 10 year warranty



6 million homes on a septic tank have a food waste disposer.

According to the 2013 U.S. American Housing Survey, 6 million homes on septic systems have a food waste disposer installed in their kitchens.

Based on internal estimates, over 5 million of these disposers were manufactured by InSinkErator and after review of customer service records from the past 20 years, no homeowner has lodged a complaint or claim based on concerns their disposer caused a septic system failure.

Based on all information gathered, there is no data or report to support that the use of disposers leads to increased maintenance and failure of septic systems based on their current widespread use on septic system in the U.S.

Food Waste Disposer Impacts on Septic Systems & the Current U.S. Regulatory Landscape
- Michael Keleman



The Facts - I Can't Use a Food Waste Disposer Because I Have a Septic System.

Not true! Food waste disposers grind food scraps into a slurry that can easily be handled by your septic system. Food scraps decompose faster than other waste sent into the tank, and because food scraps are 75% to 90% water, they add very little to the solids that settle at the bottom.

Studies show that septic systems attached to a garbage disposal don't require more frequent pumping than those that aren't.

The Facts - The Water Usage With a Septic System

Food waste disposers use water to transport ground-up organic matter through internal plumbing and sewer pipes, and so food waste disposers are often perceived as water wasters.

Myths are perpetuated that they will hydraulically overload wastewater infrastructure, both centralized and decentralized, septic systems. To address these concerns, research was undertaken on quantifying the amount of water used by food waste disposers.

A review of ten studies found that the water use of food waste disposers is less than five (5) litres per household each day, which is around one flush of the toilet of water per day.

The Facts - I Don't Need a Food Waste Disposer Because I Compost.

Food waste disposers are a year-round solution and can help composters deal with some of the challenges and shortcomings of composting.

InSinkErator garbage disposals are powerful enough to grind un-compostable meat, bones, dairy and eggs, as well as things like citrus peels, onions and garlic that can deter helpful insects, worms and bacteria from your compost pile. If leftover bread and pasta are attracting unwanted pests, grinding those scraps can also help keep pests out of your compost pile.

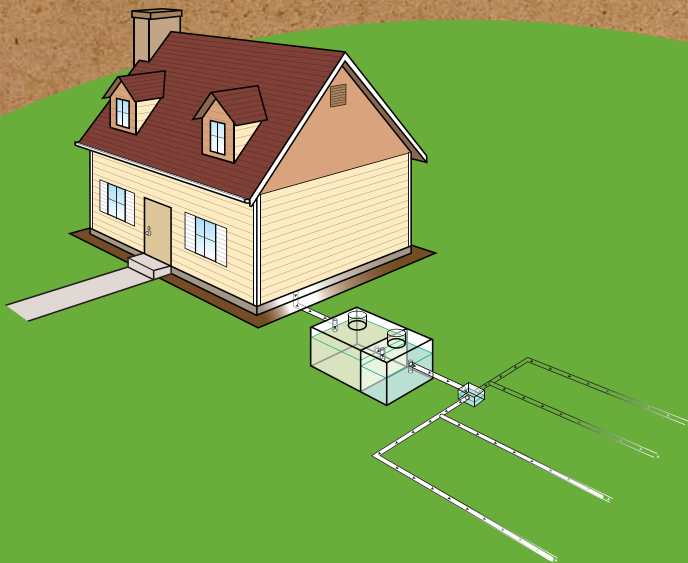
The Facts - The Organic Loading on a Septic System

The use of food waste disposers does add organic material to wastewater and a septic system.

Research from ten states in the US specified that where food waste disposers are commonly used, the Total Suspended Solids increased by 20 grams per day.

Another finding from the research found high carbon to nutrient ratios indicates there may be a positive impact for enhanced biologic phosphorus removal at wastewater treatment plants, which implies there may also be potential benefits of this high carbon ratio on nutrients discharged from septic tanks.

This means the food waste's high carbon content could help remove nutrients like nitrogen and phosphorus when they discharge into drainage fields.



For the full story and reports go to: insinkerator.co.nz

Advanced Technology

Engineered to handle even the toughest food waste, with the least noise of any disposer, the Septic range is the most advanced line of food waste disposers available anywhere.



QuickLock™ Sink Mount

"twist-on, twist-off" sink mount makes installation fast and easy.

SoundSeal™ Technology

Anti-Vibration Mount™ Quiet Collar™ & Sound Limiter™ technology.

MultiGrind™ Technology

3-stage design makes quick work of both hard and fibrous foods. This grinds the food waste into tiny particles that can be easily broken down in a septic system.

DuraDrive™ Induction Motor

Powerful, heavy-duty motors ensure high performance and long life.

PowerBoost™ Micro Processor

Delivers more power to boost the grinding capability.



WaterMark Certified & Authorised

All our Food Waste Disposers pass the WaterMark test!



SEPTIC2000

FOOD WASTE DISPOSER

The SEPTIC2000 with its three stage grind technology is perfect for use with a properly sized septic tank. Soundseal™ plus, makes it our quietest model.

Don't worry about what you can and can't grind... The SEPTIC2000 grinds it all!

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HORSEPOWER

Dura-Drive™ Motor

The InSinkErator Dura-Drive motor is one of the most powerful and reliable on the market.



Built-In Air Switch

All InSinkErator's use air to turn the disposer on and off, making it safe around electricity.



Multigrind Plus™ 3 Stage Grinding

Multigrind Plus™ 3 Stage Stainless Grinding System with Auto Reverse Action. This grinds the food waste into tiny particles that can easily be broken down in a septic system.



Soundseal Plus™ Noise Reduction

Makes the SEPTIC2000 the quietest on the market.



Largest Stainless Steel 1180ml Grind Chamber

Largest capacity of any domestic disposer on the market.



Quicklock™ Sink Mount

Makes it easy to install into the sink, and come with all models.



Made In The USA



10 Year Warranty

The SEPTIC 2000 comes with a 10 year in-home warranty.



Accessories

InSinkErator have a range of accessories for the Food Waste Disposers to customise the sink and colour match bench-tops.



Air Switch Covers



White Finish
Product Code: IP73274J



Matte Black Finish
Product Code: IP73274C



French Gold Finish
Product Code: IP73274G



Mocha Bronze Finish
Product Code: IP73274D

Stoppers



White Finish
Product Code: IP70117D



Matte Black Finish
Product Code: IP75094D



French Gold Finish
Product Code: IP75087D



Mocha Bronze Finish
Product Code: IP75073D

Sink Flanges



White Finish
Product Code: IP70908D



Matte Black Finish
Product Code: IP75090D



French Gold Finish
Product Code: IP75083D



Square Waste Sink Adapter
Product Code: IP80000

Strainers



Silver Saver Strainer
A strainer that stops cutlery going down the drain.
Designed to suit the following disposers
46, 56, 66, EVO100, EVO200 and SEPTIC2000.
Product Code: IP72375D

Strainer Plug
InSinkErator Strainer Plug suitable for all models.
Product Code: IP75265



Spare Parts

InSinkErator® Spare Parts use an easy to assemble, do-it-yourself style collection for your kitchen to maintain and upkeep your InSinkErator®.



**Installation Kit for models
EVO100, EVO200 & SEPTIC2000**
For models EVO100, EVO200 and SEPTIC2000
Product Code: IP75268



Tail Pipe Black
For models EVO100, EVO200,
and SEPTIC2000
Product Code: IP75436



Removable Baffle
- Quiet Collar Sink Baffle
For models 56, 65, 65+, 66, EVO100, EVO200 and SEPTIC2000
Product Code: IP77960



Jam-Buster Wrench
Product Code: IP8305D



Dishwasher Connector
Product Code: IPMA15



Air Switch Button
For use with models with existing air switch
Product Code: IP75430B

Polished Stainless Steel Mounting Assembly
For models 56, 66, EVO100, EVO200 and SEPTIC2000
Product Code: IP3173ED



Service & installation

InSinkErator have a network of service agents and plumbers to install your new food waste disposer. To find more call 0800 200 510 or visit our website www.insinkerator.co.nz



insinkerator.co.nz

