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# "Eco-Smart make clean environment" http://ecosmartkorea.com/





## **Characteristics & Advantages of ECO-SMART Products**





## 1. Liquefying Fermentative Decomposition Type Product

Specification Of Liquefying Fermentative Decomposition Type



Model		ESF-130L	ESF-220L	ESF-320L	ESF-550L	ESF-700L
Process Method		Liquefying Fermentative Decomposition				
Size (mm)	W	750(W)	910(W)	970(W)	1,100(W)	1,254(W)
	L	1,000(L)	1,350(L)	1,570(L)	1,600(L)	1,684(L)
	Н	1,050(H)	1,150(H)	1,180(H)	1,300(H)	1,540(H)
Std. Input Capac ity		100kg per day	150kg per day	200kg per day	350kg per day	500kg per day
Power in Use		0.2kw / hr	0.4kw / hr	1.7kw / hr	2kw / hr	2.5kw / hr
Electricity		AC 220V 50Hz or 380V 50Hz				
Motor		0.4Kw	0.75kw	1.5Kw	2.2kw	2.7kw
Weight		110 Kg	400 Kg	430 Kg	480 Kg	530 Kg

Country of origin: Korea

The photographs and drawings in this brochure are for illustrative purposes only.



## . Liquefying Fermentative Decomposition Type Products

Advantages Of Liquefying Fermentative Decomposition Type

#### Convenient Use

Possible to continuously input during the operation in accordance to the capacity. Not required to set time for the input of material.

Convenient us

#### Innovative Odorless System

Innovative machine which the decomposition is carried out via liquefying of the material through ECO-Zyme 500 organism.

Perfect Liquefying

Perfect Liquefying Decomposition System

Food waste materials are eliminated by automatic liquefying decomposition process.

Compact Size With superior Performance

Excellent design and compact size suits in to any surrounding while giving out superior performances.

Low operation cost

Odorless

#### **Low Operation Cost**

No energies are required except for small amount of electricity.



### . Characteristics Of Liquefying Fermentative Decomposition Type Products

The Eco-Smart LFD decomposes food waste into water within 24 hours by using microorganisms – which can then be safety drained into the existing plumbing system with no harmful effects on the environment.

### Operation Flow Diagram

Waste input Setting of microorganism condition and decomposition Input of microorganism (ECO-Zyme500) (ECO-Zyme500) Mixing by Spray of liquid **Primary** Secondary Auto discharge of Fermentation decomposition decomposition decomposed materials microorganism **Turntable** Auto Spray System Complete liquefying of microorganism by Setting of microorganism maximizing activation and decomposition of microorganism



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