

“Eco-Smart make clean environment”



Eco Smart (Co.)

[HTTP://WWW.ECO-SMART.CO.KR](http://www.eco-smart.co.kr)

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ECO-SMART

Characteristics & Advantages of ECO-SMART Products



II. Fermentative Decomposition Type Product

Specification Of Fermentative Decomposition Type



| Model | | ESF-30 | ESF-50 | ESF-100 | ESF-200 |
|---------------------|--------|-------------------------------|------------------|-----------------|-----------------|
| Process Method | | Fermentative Decomposition | | | |
| Size (mm) | Width | 1,000(W) | 1,250(W) | 1,400(W) | 1,600(W) |
| | Length | 1,500(L) | 1,850(L) | 3,200(L) | 3,600(L) |
| | Height | 1,050(H) | 1,050(H) | 1,100(H) | 1,850(H) |
| Std. Input Capacity | | 30kg/1day | 50kg/1day | 100kg/1day | 200kg/1day |
| Power In Use | | 0.8Kw / hr | 1.2Kw / hr | 1.7Kw / hr | 2Kw / hr |
| Electricity | | AC 220V / 50Hz or 380V / 50Hz | | | |
| Motor | | 0.75Kw X1/120 | 0.75Kw X1/120 | 1.5Kw X1/120 | 2.2Kw X1/120 |
| Weight | | 350Kg | 390Kg | 580Kg | 670Kg |
| | | Custom make | for capacity | of over | 200kg |

II. Fermentative Decomposition Type Product

Advantages Of Fermentative Decomposition Type

Permanent Use of Fermented Microorganism

With one time input of the microorganism in to the ECO-SMART it could be forever used.

Semi-permanent

No smell.!

No polluted water

Lowest maintenance cost

No Waste Water

No waste water piping are required as food waste materials are discharged in gaseous forms of carbon dioxide and vapor and discharged gases does not contain environment pollutant materials.

No Odor

The peltier element decomposes organic materials and, thus, allows for odorless operation.

No Need To Discharge Everyday

Food waste materials which has been organically fertilized by the ECO-Zyme 500 microorganism can be discharged once every 1 to 2 months.

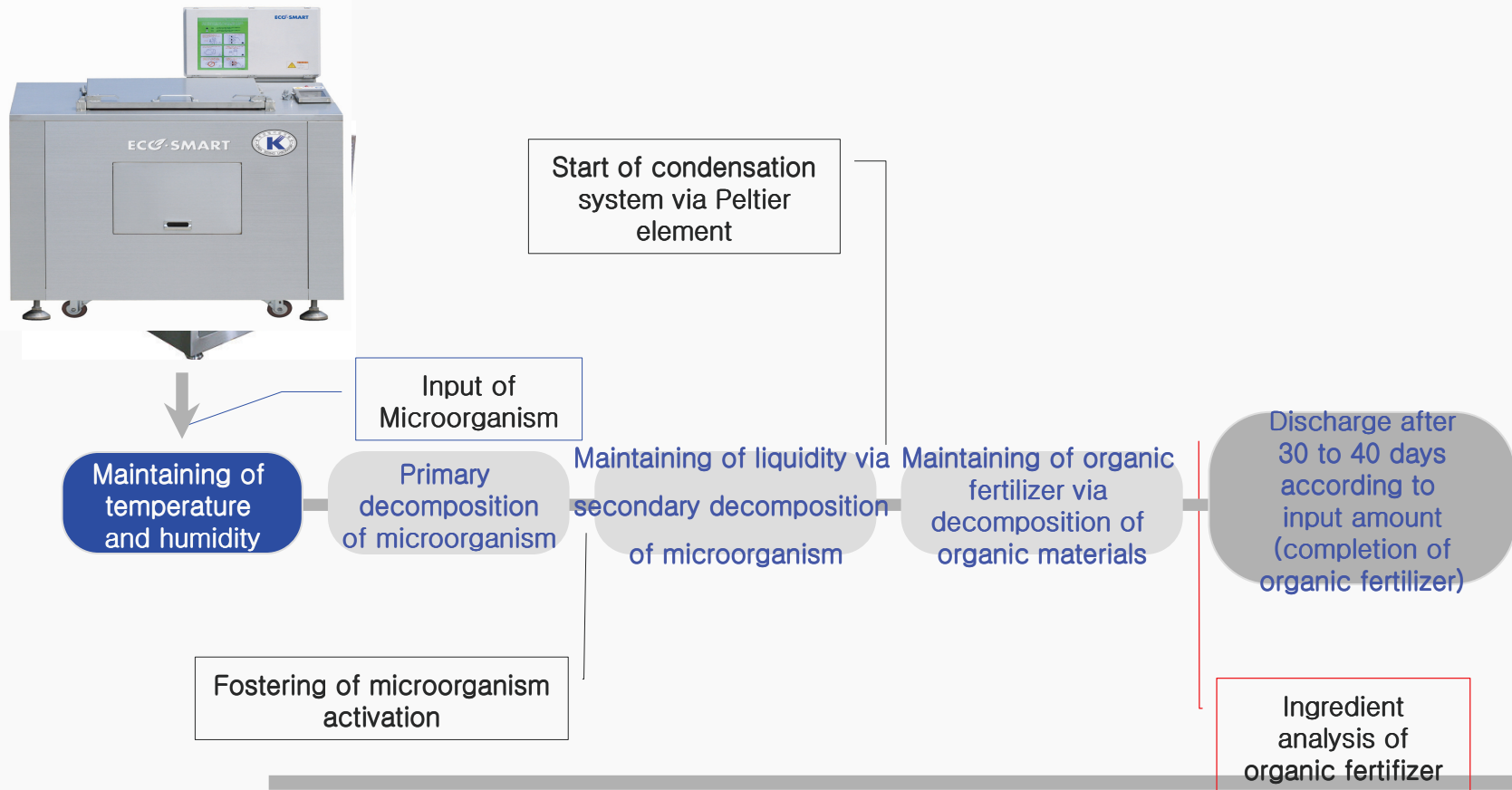
Lowest Maintenance Cost

As the microorganism is Semi-permanent, only the electricity is consumed which the use amount is varied according to the amount of waste.

II. Characteristics Of Fermentative Decomposition Type Product

The Eco-Smart FD decomposes food waste into compost by using microorganism – which can then be safely used as soil amendments or as natural fertilizer for gardening or farming.

Operation Flow Diagram



Status Of Industrial Proprietaries

patents



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