



No: 510611



PATENTED

**UR FURNACE**<sup>TM</sup>  
SOLID & SANITARY WASTE DISPOSER

[urfurnace.com](http://urfurnace.com)

# UR FURNACE



MODEL  
URF 3647

## UR FURNACE PREMIUM



MODEL  
URF 3647  
PREMIUM



# WASTE DISPOSER

During the COVID 19 period especially this equipment was 100% suitable for the disposal of masks, diapers and other sanitary waste. It can be used at any place and house without the use of any fuel like kerosene ,diesel oil etc; or even electricity. No apparatus or equipment is used hitherto, like the present 'UR FURNACE' so easily and environmentally friendly. It is easy to use ,portable ,no recurring expenditure, maintenance free and user friendly.The real invention is the special design of the whole length slit provided vertically along the barrel by which the turbulent motion of the vertical fire columns producing to suit the '3Ts' of construction viz; Time, Temperature and Turbulence. Space time and residence time are strictly observed for designing the whole length slit provided in the UR FURNACE


Patent certificate has been granted for invention of the new equipment which is non toxic and pollution free device for combustion of continuous feed solid waste material. The source of oxygen ,the oxidizer is the free air. The new invention is providing oxygen from air satisfying the '3T' rule, Time(Short),Temperature (High) Turbulence (great). Here considerable turbulence is created by inventing the special fixed air slit of 43-47 mm width throughout the vertical apparatus and without any additional devices like blower or motor. The turbulence created is vigorous enough to complete combustion using the 21% of oxygen available in the surrounding air which we claim as a new invention.This apparatus is useful for the decentralized disposal of NON-BIODEGRADABLE MSW at the source itself.





# FOR A CLEANER FUTURE



 420° - 800°

## Usage

By dropping a piece of Ignited paper into the furnace, we can start operation. Air enters within the spiral cylinder from sideways and swirls around to increase the temperature and accelerates combustion by adding of further MSW. A whirlwind of fire is created inside the drum that burns the wastes within seconds.

## Salient Features

- |                                |                            |
|--------------------------------|----------------------------|
| ✓ Portable                     | ✓ Maintenance free         |
| ✓ Odorless                     | ✓ Cost effective           |
| ✓ Easy to use                  | ✓ User friendly            |
| ✓ No recurring expenditure     | ✓ Environmentally friendly |
| ✓ Long lasting Higher Grade SS |                            |



## Specifications

✓ Temp Range	: 420-800 Degree C.
✓ Type	: Spiral / Turbulence
✓ Temp. Rising Time	: 50-80 Sec. *
✓ Ignition	: Normal Paper / Hard Board (Traditional Method)
✓ Temp. Consistency	: Depend on Dry Waste Input
✓ Odor	: NIL
✓ Handling	: Compact, easy to carry around
✓ Steel Type	: a) Structure frame SS 304 : b) Furnace Cylinder Imported Special grade SS
✓ Cylinder Capacity	: 91Ltr
✓ Size	: H - 4 ft
✓ Total Weight	: 17.5 Kg
✓ Grating	: Cast Iron



Manufactured By



**AARVEE Energy Controls**

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