

Zeolite Furnace Equipment FU-CARBA



pdfelement



❖ 「FU-CARBA」

- New Proposal for zeolite furnace equipment (FU-CARBA)
- Waste from medical institutions is classified to contaminated commercial waste and general waste, in the past, most medical institution incinerate waste in hospital area, but dioxin problem has become a serious social awareness issue now, therefore medical institutions now subcontract with waste process industry to handle these wastes.
- If dioxin is within environmental standard, incineration is still allowed to operate in hospital facility but in a very serious and strict manner. When moving contaminated biohazard waste without professional staffs, the alarm alert needs to be turned on and process site must be in sealed or closed area.
- At temperature 200~230C degrees the zeolite ores located inside the zeolite equipment 【FU-CARBA】 create thermo and catalyst effect, thus dioxin pollution will not be happening, this will be safe and secure to process medical waste in the hospital facility. Also the waste becomes the energy required for this equipment. Very low Co₂ will be created and residuals becomes 1/3000 of its original volume. The expense is much cheaper and way more economical compare to sub contract with waste process industry.
- Knowing and understanding the features of this equipment, using (FU-CARBA) is absolutely secure, confident and economic to process medical contaminated wastes.

◆ Zeolite Furnace Equipment 「FU-CARBA」 Features

Remove Watermark Now

Main Features

- Low temperature between 200-300 C degrees will not create dioxin and this temperature can kill all bacteria and virus (dioxin from at 200 C degrees, 800 C degrees decompose)
- No fuel required, operation uses electricity, very low operation cost.
- ※10 m³ type's electricity cost is only few hundred USD
- Organic waste, plastic, paper, fiber, wood scrap do not need to be classified. Metal and glass will remain as residuals
- Very low CO₂ will be created and remaining residuals is only 1/1000 to 1/3000 of it's original volume
- Very silent, the only noise from circulation fan is also being treated by noise insulation. No odor is created.

Method Of Operation: Installation

- The equipment can be simply located without immobilization→ moving asset
- Can be used for 20 years, very few breakdowns, only parts need to be maintained regularly
- Because waste is being processed in hospital, no need to apply for authorization permission, only need to apply for additional medial equipment

FU-CARBA	
Equipment Volume	(W) 5meter × (D) 5meter ~ (W) 10meter × (D) 10meter
Types of equipment	10m ³ 、30m ³ 、100m ³ for medical use. Max size is 500m ³
Energy consumption	Electrical expense is few hundred dollars per month for 10m ³ type
Accessories	Waste storage area, roof and fence and etc.....

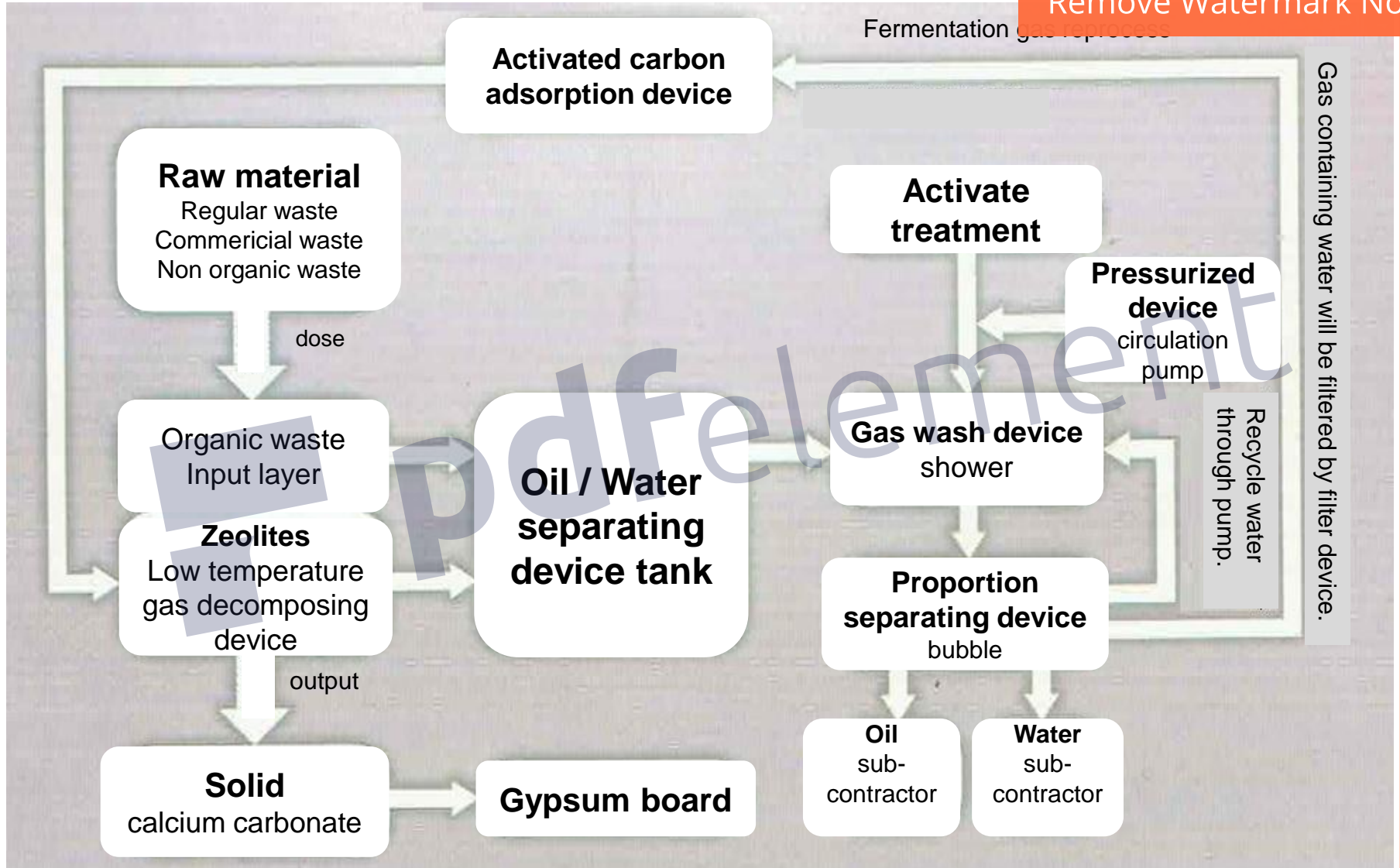
❖ Zeolite Furnace Equipment 【FU-CARBA】

Remove Watermark Now



❖ Zeolite Furnace Equipment 「FU-CARBA」 flow chart

Remove Watermark Now



Mixture waste input 【Mixture waste storage】

