



**SETECH ENGINEERING SDN BHD**  
(Company No. 433650-K)

# SETECH DEODORIZER



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## **APPLICATION OF PRODUCTS**

SETECH DEODORIZER is ideally suited for odour control/removal applications for sewage pumping stations and wastewater treatment plants specifically targeting the aeration treatment tanks and preliminary treatment compartment such as screen chamber.

Our products are available in two models, DEODOR 1600/900 and DEODOR 3200/1200 which provide a variety in dimension and capacity selection for ultimate design flexibility.

## **ADSORPTION MEDIA**

Activated carbon is one of the most effective media for removing a wide range of contaminants generated from industrial and municipal waste waters and landfill leachate. It has a strong affinity for binding organic substances, even at low concentrations.

The activated carbon is formed when carbon from wood, coal, peat or nut shells is exposed to heat in the absence of oxygen. The popularity of activated carbon stems from its lack of specificity which allows it to treat many different taste and odor problems. Various carbon type systems including activated and impregnated can be used independently or in combinations to remove many different contaminants.

In SETECH DEODORIZER, the air stream is passed over a bed of adsorbent (carbon) and the odor-causing compounds are attracted to and adhere to the surface of the adsorbent. Odour gas such as ammonia, hydrogen sulfide and related sulfur-based compounds are removed effectively by carbon adsorption systems.

## **List of Deodorizer Models :**

Models	Power (kW)	Dimension (mm)
DEODOR 1600/900	1.10	1600 (H) x 900 (Dia.)
DEODOR 3200/1200	1.10	3200 (H) x 1200 (Dia.)





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## MATERIAL SPECIFICATION

### **Vessel**

Manufacturer	: Setech Engineering Sdn Bhd
Type	: Cylindrical Vertical, Domed Top, Flat Bottom (Fully Supported)
Brand	: SETECH
Material	: Fiber Reinforced Plastic (FRP)
Size	: 1600 mm x 900 mm x 3 mm thk / 3200 mm x 1200 mm x 3 mm thk
Capacity	: 1.00 m <sup>3</sup> / 3.60 m <sup>3</sup>
Wire mesh	: FRP Mesh
Carbon	: Activated carbon

### **Exhaust Fan**

Type	: Centrifugal Fan
Capacity	: 750 cfm (ft <sup>3</sup> /min)
Static Pressure	: 46 mmAq
Housing	: Polypropylene (PP)
Impeller	: Polypropylene (PP)
Base	: Mild Steel

### **Motor**

Motor Power	: 1.5 HP / 4P
Type	: Foot Mounted, Squirrel Cage
Power Supply	: 415V / 3pH / 50Hz
Protection	: F



**SIMPLE**



**RELIABLE**



**SAFE**



**DURABLE**



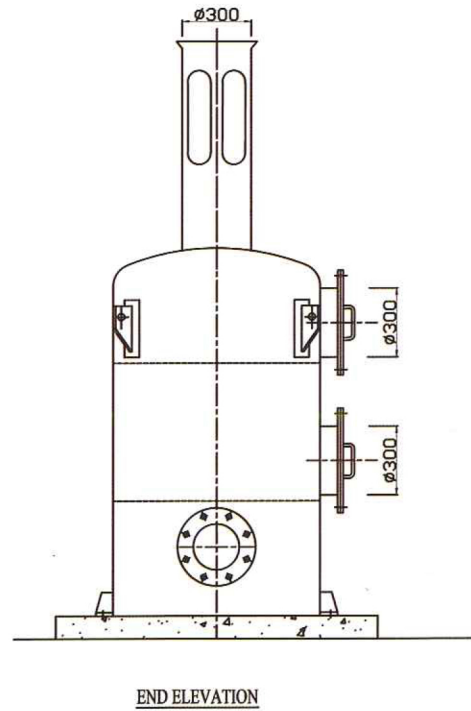
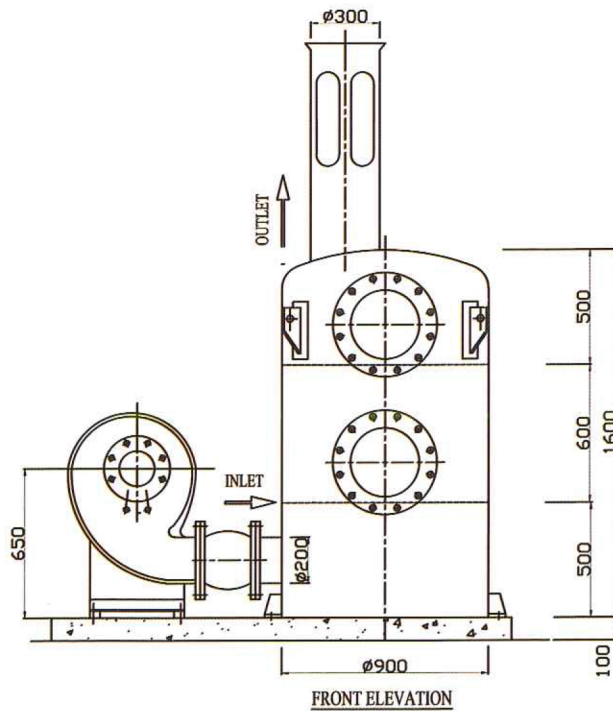
**ECONOMICAL**



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## DEODOR 1600/900



## DEODOR 3200/1200

