



PRE-FABRICATED PRESSURE DOME BIOGAS PLANT



0.5 CUM BIOGAS PLANT

Description	Specification
Plant Type	Portable / Pressure Dome
MOC	FRP (Fiber Reinforced Plastic)
Size of the Plant	Ht- 4 Feet, Dia - 3 Feet
Solid Waste Required	Max - 2.5 Kg
Liquid Waste Required	Max - 5Ltr
Gas Output	0.5M ³ , 250gm Equal to LPG
Cooking Duration	1 – 1.5Hrs in Single Burner
Mounting Type	Floor Mounted
Manure Output	4 Ltr



1 CUM BIOGAS PLANT

Description	Specification
Plant Type	Portable / Pressure Dome
MOC	FRP (Fiber Reinforced Plastic)
Size of the Plant	Ht- 4 Feet, Dia - 4 Feet
Solid Waste Required	Max - 5 Kg
Liquid Waste Required	Max – 10 Ltr
Gas Output	1M ³ , 0.4 Kg Equal to LPG
Cooking Duration	2 – 3Hrs in Single Burner
Mounting Type	Floor Mounted
Manure Output	8 Ltr



2 CUM BIOGAS PLANT

Description	Specification
Plant Type	Portable / Pressure Dome
MOC	FRP (Fiber Reinforced Plastic)
Size of the Plant	Ht- 9 Feet, Dia - 5 Feet
Solid Waste Required	Max - 10 Kg
Liquid Waste Required	Max -20Ltr
Gas Output	2M ³ , 1 kg Equal to LPG
Cooking Duration	1.5 - 3Hrs in Double Burner
Mounting Type	Dig Mounted
Manure Output	15 Ltr



PRE-FABRICATED PRESSURE DOME BIOGAS PLANT

5 CUM BIOGAS PLANT

Description	Specification
Plant Type	Portable / Pressure Dome
MOC	FRP (Fiber Reinforced Plastic)
Size of the Plant	Ht-9 Feet, Dia-7.5 Feet
Solid Waste Required	Max - 30 Kg
Liquid Waste Required	Max - 60 Ltr
Gas Output	5M ³ , 2kg Equal to LPG
Cooking Duration	2 - 3Hrs in Canteen Burner
Mounting Type	Dig Mounted
Manure Output	70 Ltr



7 CUM BIOGAS PLANT

Description	Specification
Plant Type	Portable / Pressure Dome
MOC	FRP (Fiber Reinforced Plastic)
Size of the Plant	Ht-9 Feet, Dia-7.5 Feet
Food Crusher	1 HP Required
Solid Waste Required	Max - 50 Kg
Liquid Waste Required	Max - 60 Ltr
Gas Output	7M ³ , 3kg Equal to LPG
Cooking Duration	2 - 3Hrs in Canteen Burner
Mounting Type	Dig Mounted
Manure Output	70 Ltr



Biogas is produced through the process of bio-methanization from our daily kitchen wastes like wastages of food, vegetables, fruits and meats etc.. The easily degradable waste material mixed with wastewater from kitchen is fed into the plant through the inlet chamber of the plant. This waste is converted into cooking gas with the help of special type of anaerobic bacteria. The main component of the gas produced is ethane which is renewable source of energy and output slurry is very good manure for plants. This can be used as fuel for cooking like LPG. It will reduce the usage of LPG in our daily cooking and keep surrounding clean.