

Plug & Play - Modular Design

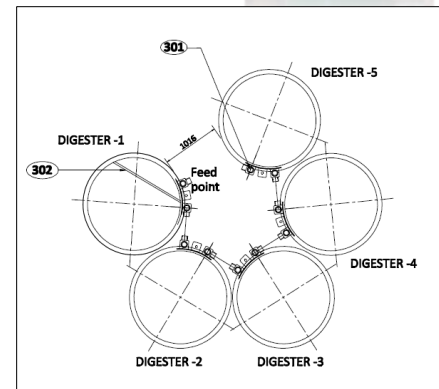
SPECIFICATIONS

Model	J40-0.25-0.5	J40-0.5-1	J40-1-2	J40-1.5-3	J40-2-4	J40-4-8
Feed type	Food waste / Cattle dung*					
Feed Required (kg/day) – Food Waste	12.50	25	50	75	100	200
Biogas production Capacity cumtr/day	1	2	4	6	8	16

*1 kg food waste = 2 kg cattle dung



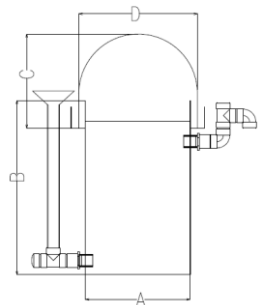
- Long lasting, pre-fabricated design.
- Compact size, Requires no civil work, Easy assembly
- Easy to relocate from one place to another.
- Available in various size based on your requirement
- Provides organic fertilizer for kitchen garden.
- Manual Food crusher (Optional)
- Multiple units can be connected in series for more waste



Easy to multiply for more waste

DIMENSION

Model	J40-0.25-0.5	J40-0.5-1	J40-1-2	J40-1.5-3	J40-2-4	J40-4-8
	Dimensions in MM					
Digester Dia A	750	1050	1500	1750	1300	2300
Digester Height B	1250	1250	1250	1250	2000	2000
Holder Dia C	850	1150	1600	1850	2150	2400
Holder height D	675	775	900	1025	1150	1300



Ease of Installation, Easily Maintainable, Floor Mounted

JUGNOO

Operational Info

HOW IT WORKS
Example: Vegetable/Kitchen Waste
& Cattle dung

Cattle dung Food waste



Slurry Mixer & Pump



Food Crusher



COOKING Biogas Stove



LIGHTING –Biogas lamp



ORGANIC MANURE



1. Feed the system

Place your food and / or animal waste into the system

2. Digestion process

The methanogenic bacteria will digest the feed material to produce Methane rich Biogas

3. Biogas is Formed

The produced biogas is stored into a membrane type holder

4. Use by-Products

Use gas as a clean cooking fuel and liquid and organic manure

Same Configuration - Multiple Sizes

Product Range

Industrial Bio-CNG Plants

- ◆ 500-10,000 cum/day
- ◆ Centralized Agro, animal and food waste management
- ◆ Electricity (> 50 kW)
- ◆ Bio-CNG for industrial and vehicle use

Gas Management Solution

- ◆ 25-100 cum per hour capacity
- ◆ For ETPs in dairies and other industries
- ◆ Storage and pressurizing of biogas from ETP
- ◆ Clean fuel for cooking & boilers
- ◆ Payback < 1 year

Biogas for Institutions & Communities

- ◆ 25- 500 cum/day
- ◆ For Villages, Gaushalas, Hostels, Canteens
- ◆ Food, human & animal waste management
- ◆ Electricity (off-grid up to 50 kW)
- ◆ Clean cooking fuel
- ◆ Organic fertilizer

Jugnoo – Modular Biogas Plants

- ◆ 0.25 -4 cum/day
- ◆ For Rural & Urban Household
- ◆ Food, human & animal waste management
- ◆ Clean cooking fuel
- ◆ Organic fertilizer

Our solutions use your waste to reduce your energy bill

Do you generate any of these types of waste?

How do you use the fuels that you buy?



Contact us at:

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