

Fully-Automatic Garbage Chute Specifications

We have introduced Automatic Garbage System. It is very sophisticated and simple to use. User do not required any technical skill to use.

Semi-Automatic Garbage Chute control system has Master and Slave model whereas Master is being installed at garbage room at basement i.e. bottom of chute and slave units are at each floor just besides to chute opening doors. All Master and slave units are serially connected to each other. All Slave units are being controlled by Master unit itself.

It has following features –

1. Capable to separate DRY and WET garbage.

- This system can collect DRY and WET garbage separately in two beans provided at bottom of Chute, to do so while garbage disposal user needs to select DRY or WET button from slave unit given just besides to door.

2. More than one user cannot use Garbage system at a time, it prevents chute from choking and damage.(Busy Indication)

- This system allows only one user to use at a time. System is designed in the way, so when one user is being using Garbage system all other doors get locked automatically and will not opened by any means. It releases locked doors when first user finished his task and system regains to normal condition.

3. System is not accessible while maintenance/Cleaning.

- When system is under maintenance/Cleaning, no one can use for garbage disposal. In maintenance mode system locks all the chute doors which can't be easily open.
- In maintenance mode water will start sprinkling through all nozzles provided inside the chute. This sprinkling water removes all garbage substances from inner surface of chute and reduces bad odours.

4. System indicates if chute door is not being closed properly. In the case of improper door closed corresponding floor slave unit starts buzzer to get user attention and it don't stop until door is being closed properly.

- Properly closed doors helps to maintain environment clean and unlikely to cause diseases.
- If door remains open till 3 minutes system will bypass the same floor and regains to its normal state. Now system is accessible from other floors and it works irrespective of bypassed floor until its door is being closed properly.
- If door get closed normally, now user can access system from corresponding floor normally.

5. System is working on DC power supply so there is no risk of electric shock.

- Garbage chute and it's all accessories like doors, handles, and discharge piece etc. are fabricated from metal so for safety purpose we have been used DC power supply to avoid risk of electric shocks.

6. Minimum wiring connection required while installation.

7. Master or Slave units are plug and play units, so both can be easily replaced.

8. Master unit has LED panel which has separate indicators for each floors (Slave) number connected.

- Each slave has its unique ID which represents floor number.
- If indicator is ON means floor (Slave) is active, and for inactive or faulty floor (Slave) indicator remains OFF.

9. Self-Test mode immediate after power ON to check for active/faulty floors.

10. Sanitation ON/OFF facility to clean garbage chute.

- If garbage chute need to be cleaned using water, master unit has provision to ON/OFF water for Sanitation. To do so use Sanitation ON/OFF push buttons from master unit.
- If we switched ON Sanitation, system goes to maintenance mode automatically and all chute doors from all floors get locked.