

ecotechTM
chutes pvt ltd

Engineering Your Waste !

- Garbage Chutes
- Linen Chutes
- Debris Chutes
- Organic Waste Composter



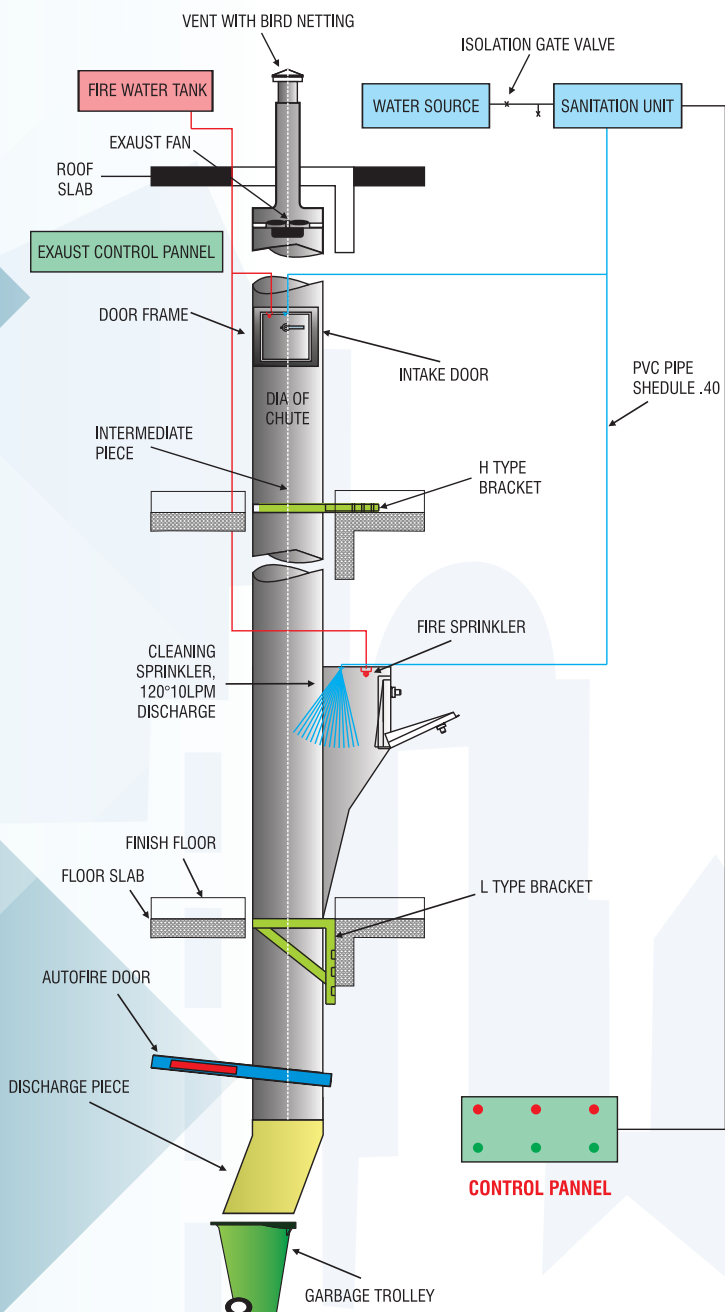
GARBAGE CHUTE: CENTRALIZE GARBAGE COLLECTION SYSTEM

In large buildings, it is not practical for residents or housekeeping staff to move large quantities of garbage from floor to floor on elevators and stairways. Garbage Chute provides an easy and convenient method of garbage collection in multi – storied buildings. Garbage chute is the best way to consolidate garbage from around the building into a single location for easier collection.

BENEFITS OF GARBAGE CHUTE

- Garbage from all the floors gets collected at single point on ground floor.
- Garbage could be disposed at anytime and multiple times in a day.
- Allows segregation of garbage into “DRY” and “WET”
- Manpower cost is saved
- It make garbage disposal safe and hygienic

STANDARD GARBAGE CHUTES



ECOTECH GARBAGE CHUTE

Founded in 2005 with specific focus on waste management solutions Ecotech is considered as most trusted brand in garbage chutes. Our garbage chutes are manufactured in compliance with British Standards (BS 1703:2005), American Standards (NFPA 82) and National building code of India (NBC 2005). Manufactured in stainless steel our garbage chutes are highly durable and robust. Our Garbage Chutes also includes fire safety features like auto closing fire door at bottom of chute, fire sprinklers and fire rated intake door.

Automatic cleaning system washes the chute from inside with water and disinfectant keeping chute clean and sterilized. An Air-vent with exhaust fan dispels gases from chute and keep the chute odour free.

MATERIAL OF CONSTRUCTION

Manufactured from stainless steel SS 430 / SS 304 grade having thickness of 1.2 / 1.5 / 2 mm depending upon diameter of chute. Use of Plastic / Fibre chutes possess risk of fire hazard hence not allowed as per BS/NFPA codes. Stainless steel is corrosion resistant hence gives maximum durability.

INTAKE DOOR

Intake door are bottom hinged, Self-closing hopper type door. Door is fitted with gas piston which ensures a smooth and silent closing of door. Door opening have side checks to avoid spillage.

SHAFT

Shaft of Garbage Chute is manufactured in Stainless steel (SS 430). The standard diameter of shaft is 450mm. However shaft can be manufactured in required diameter.

SANITATION SYSTEM

It is an automated cleaning system which cleans the entire chute from within only at press of button. It consists of a sanitation unit at terrace level with liquid disinfectant storage tank operated by automated control panel in garbage room. Cleaning sprinklers are provided at every intake opening. These cleaning sprinklers are 120 degree, full cone and solid profile high pressure water jet sprinklers which ensures proper cleaning of surface from within. Cleaning sprinklers are specially designed to maintain constant pressure at lower as well as higher floors. Chute is cleaned with mixture of plain water and disinfectant solution.

DIAMETER

Diameter of garbage chute depends upon volume of garbage generator and size of garbage bag to be disposed. For residential building typical diameter is 450 or 600 mm, for commercial building it is 600 mm and for Malls, hotels and hospital it is 750 mm

AUTO CLOSING FIRE DOOR

It is installed at bottom of chute in garbage room. In case of fire in garbage room as the temperature cross 79 degree fusible link melts closing the fire door. Fire door blocks the path of fire preventing heat transfer

FIRE SPRINKLER

It is installed at top and bottom floors and every alternate floors. In case of fire as temperature rises beyond 79 degree celsius fire sprinklers opens and releases water.

AIR VENT

It removes foul smell and harmful gases generated from garbage. It is provided at roof level and operated by timer based control panel to save power. Vent diameter is reduced at top and gives 20/40 air changes per minute.

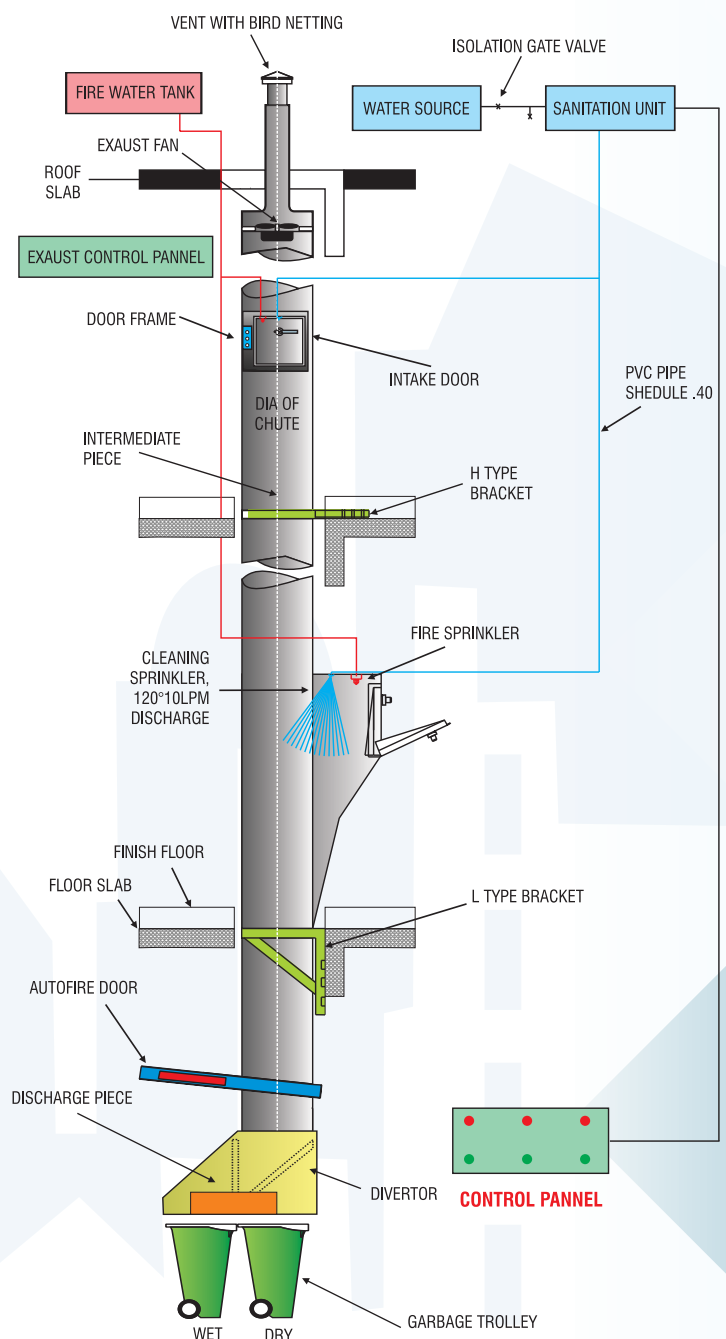
SEGREGATED GARBAGE CHUTE SYSTEM

Latest Municipal and Environmental rules mandates separate disposal of DRY i.e. recyclable waste and WET i.e. biodegradable waste. Segregated Garbage Chute allows collection of DRY and WET separately using single chute. It also helps to save cost and space for installing multiple chutes.

HOW IT WORKS

- All doors are electronically locked at any given time.
- User selects "Dry" or "Wet" options on selection panel next to door
- Chute converts to respective mode "Dry" or "Wet" by rotating flap door in the garbage room
- Only door where selection is made is unlocked and Garbage bag goes into respective trolley.
- Meanwhile all other doors are electronically locked flashing "Busy" indicator.
- Once the door is closed system is reset for next use.
- Total change over time of 10 seconds

SEGREGATED GARBAGE CHUTES



Installation Requirement

Our Garbage Chute can be easily installed in any duct, common lobby, landing, staircase, mid landing, utility duct, dry balcony or kitchen

Chute Diameter	Type of Building	Intake Door Size (Bottom Hinged)	Duct Size / Slab Opening
450 mm	Residential	300 x 375 mm	600 x 600 mm
600 mm	Residential Commercial	375 x 450 mm 450 x 450 mm	750x750 mm
750 mm	Commercial	525 x 525 mm 600 x 600 mm	900 x 900 mm

Garbage Room Size (in Meters)

Standard Garbage Chute	1.5 Width X 1.5 Length X 2.4 Height
Segregated Garbage Chute	2 Width X 1.5 Length X 2.4 Height

Actual Site Photograph



AUTHORISED DEALER



Survey 17/3, Near Hotel Garwa, Walhekarwadi, Chinchwad,
Pune, Maharashtra, India, Pin code - 411033



020 65118886 | + (91) 966 555 8866 | +(91) 968 968 1155



www.ecotechchutes.com | salesdesk@ecotechchutes.com

Note : In view of our continuous endeavor to improve the quality of our products and services, we at our sole discretion may change design and technical specifications without any prior notice.



एक कदम स्वच्छता की ओर

