





About us

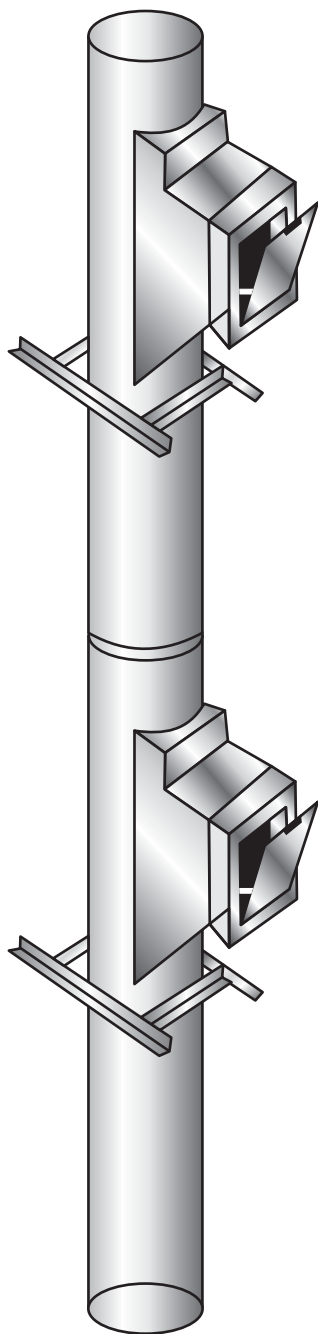
We are pleased to introduce ourselves as a designers, manufacturers and installers of **Centralized Garbage / Linen Systems**, as well as specialized **Stainless Steel Fabrication** as per your requirements.

“Total System Responsibility”

- Our Products & services include complete installation of our equipment / systems, including
- Inspection, design, fabrication, installation, start-up and training. From beginning to end,
- We Assume total responsibility for our product to be in operation. We do the job right, because we Have control over all stages of the design, manufacturing and installation processes **GREEN INDIA** will design, fabricate, install and start-up complete supplied product to fit your application and requirements, We provide long-term support for our customers to allow fast, affordable maintenance, upgrading and expansion of their machines.

“Excellent Sales & Support Staff”

- Whether your need complete planning, estimating, designing and installation of a system or
- Simply require additional information on our product line, the Sales and Project Engineering
- Departments can provide you with the service and support you need to get maximum value from your new or existing system.



- Our Garbage Chutes are manufactured to comply with the latest N.F.P.A. 82 and national building codes. Full factory assembled with all vertical seams lapped and welded
- The adjustable intake door and frame are securely fastened to the intake throat. At off-sets the chute will be reinforced and supported if required.

Garbage chutes can be installed in residential, commercial buildings and malls. in any duct, common lobbies, landings, staircase, midlandings, utility ducts, dry balconies and kitchens. if floor level, intake Hoppers shall be at every floor level. if at mid-landing, Intake Hopper shall be at alternate floorlevel.

Advantage of Garbage Chute

Single point collection of entire building garbage. Easy operation with hygienic garbage disposal. Separation of wet and dry garbage collection possible.

Garbage Chutes

Intake Door

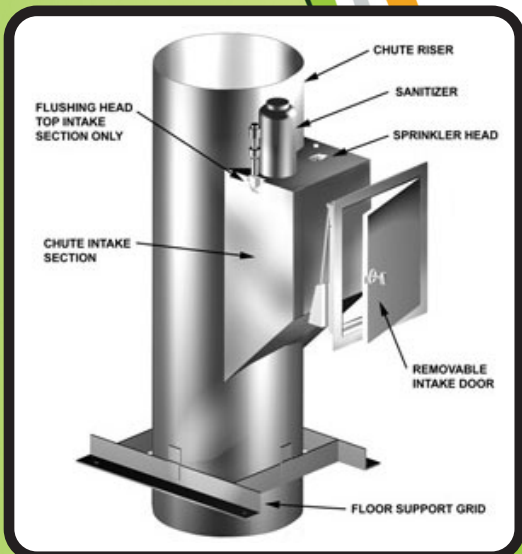
- Intake door are self-closing, with a positive latching system.
- The front is fabricated of polished stainless steel with matt steel backs.
- Steel angle frame with 3-1/2" steel extensions.
- Integral polished stainless steel trim, with top side embossed, designating the use of the chute.
- Pivot type hinge welded to the door frame
- Door equipped with chrome plated kye locking "C" handle latching assembly.

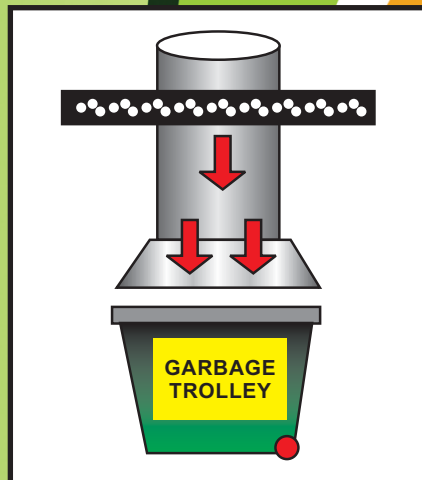
Material of construction

- 1, Stainless steel S.S. 430 / S.S. 304
 - 2, GI - Galvanized Iron
 - 3, M.S. OR CRC
- Thickness of chutes - 1mm / 1.2mm / 1.6mm as per diameter.

Venting

1. This for removing foul smells and gases generated in garbage chute.
2. Vents are made the same diameter or reducing diameter of chute and extend 4ft above roof of the building.
3. Exhaust system in the top to remove decomposed smell and gases with a fan of average speed.
4. 300 CFM-900 CFM depends on the number floors.
5. Ventilation is operated automatically (Time base) by electrically operated control penal.





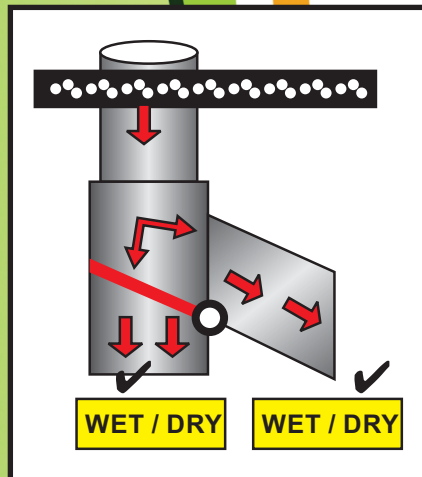
Discharge

- Chute shall directly discharge into trolley or compactor.
- Diversion shall not to be allowed. Max diversion of 15 with vertical allowed as per codes.

Discharge end / door

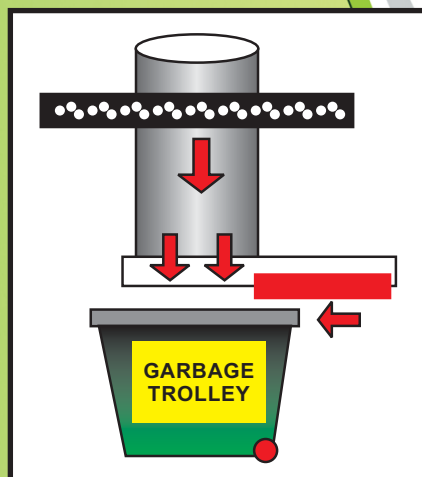
1. Simple discharge hopper.

- When a door is not required, we provide conical hopper to avoid spoiling of garbage and it is directly connected collection trolley



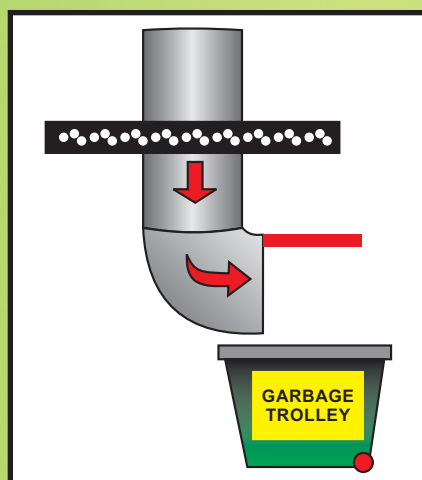
2. Segregation "Y" hopper

- It is specially design for separation of wet and dry garbage.
- Mechanically operated rotating flap is provided to divert Dry garbage.
- This system is operated by electrical control panel



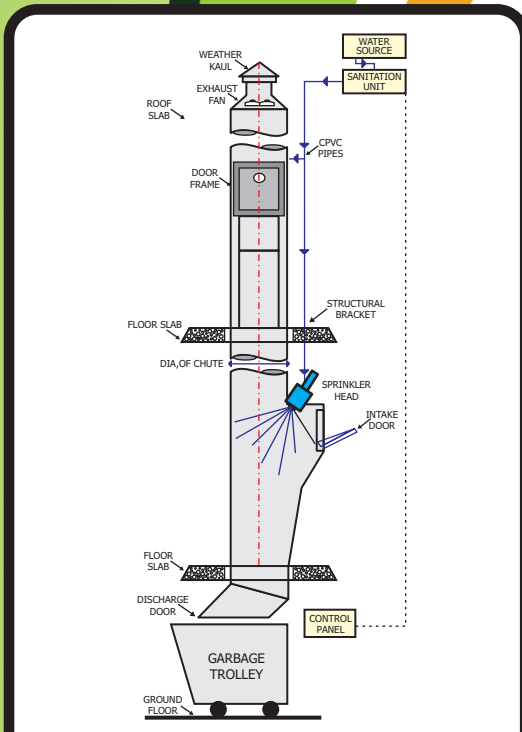
3. Fire door Sliding type

- Standard sliding discharge door is mounted on bearing in sloping position and held open with a 79° U.L. approved fusible link. in case of fire in garbage room, fusible link melts and door shuts mouth of chute and restricting heat transfer. Mainly used in Garbage Chutes. control panel.



4. Top hinger type :-

- Top hinge Type discharge door is held horizontally against gravity by 79 C. fusible link in Case of fire, fusible link melts and fire door closes the upward path of chute restricting heat transfer mainly used in Linen Chutes.



Chute Cleaning

- Cleaning of the chute from inside is very important procedure to maintain hygiene.

For cleaning chute we provide **Two** options

1. Normal Cleaning

- This Cleaning has been done by normal water coming from overhead water tank and it is operated and controlled by electrically operated valve, This valve is fitted at top of chute and outlet of water tank. this system operated on manual mode as well as automatic mode also.

2. Disinfecting and Sanitizing unit

- This cleaning has been done by normal water with disinfectants and it is added in line by Motorized Pump. This system is operated and controlled by electrically control panel. This unit is installed at roof level. This system operated on manual mode as well as automatic mode also.

General requirments for chute installation at site

Required Minimum Duct Size for Installation

CHUTE DIAMETRE	DUCT SIZE / SLAB OPENING
450mm	600mm x 600mm
600mm	750mm x 750mm
750mm	900mm x 900mm

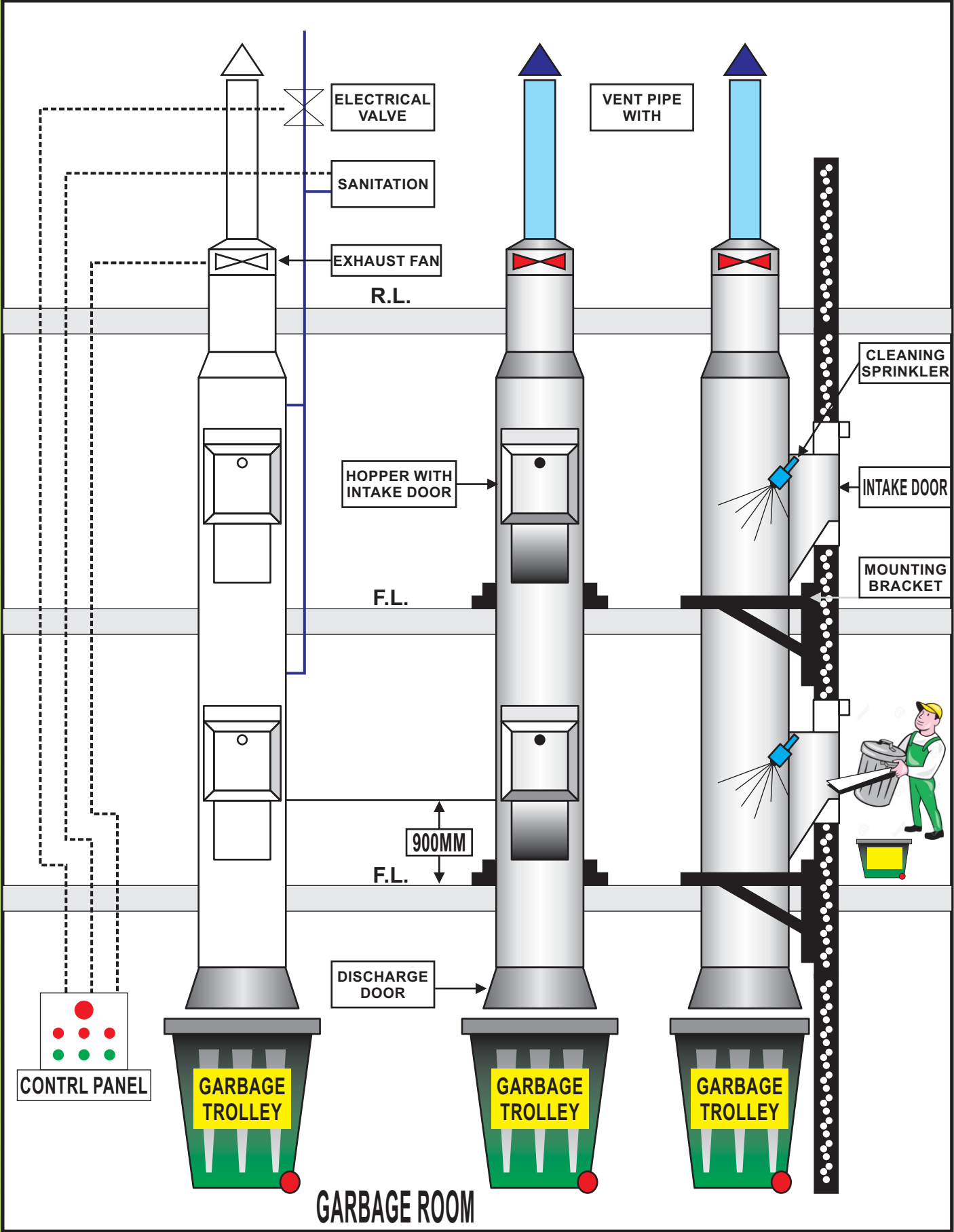
- Front well shall be constructed after the erection of Chute.
- Provide proper single phase power point with earthling for control panel in Garbage Room.
- Provide predefined water connection with isolation valve.
- Provide 1" wet riser from fire protection system for total building height inside.
- Chute duct (OPTIONAL)

Material of construction

- Room shall be air tight non ventilated room.
- No windows or louvers shall be provide in room.
- Provide wall tiles (min. 1.8mtr. high) & floor tiles.
- Floor to have proper slope with drainage.
- Provide proper single phase power point with sufficient Lighting arrangement in Garbage Room.
- Provide outside opening flush door to garbage room.
- Chute duct slab to be closed in garbage room after installation of chute.

Garbage Room Sizes Required

TYPE OF CHUTE	SIZE OF GARBAGE ROOM		
	L	W	H
STANDARD CHUTE	1500mm	1500mm	2500mm
SEGREGATION CHUTE	2100mm	1500mm	2500mm





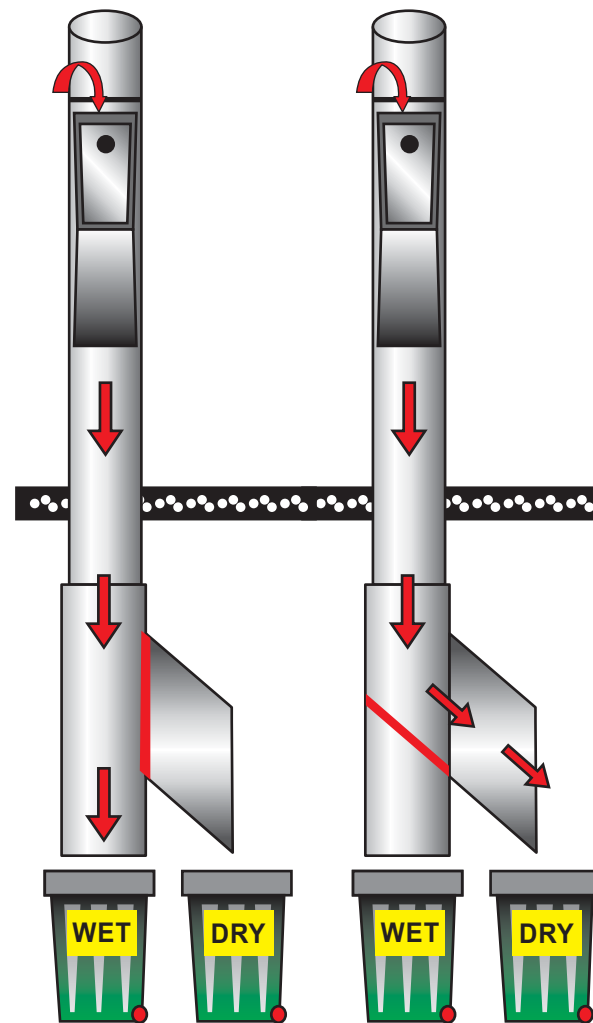
Segregation System

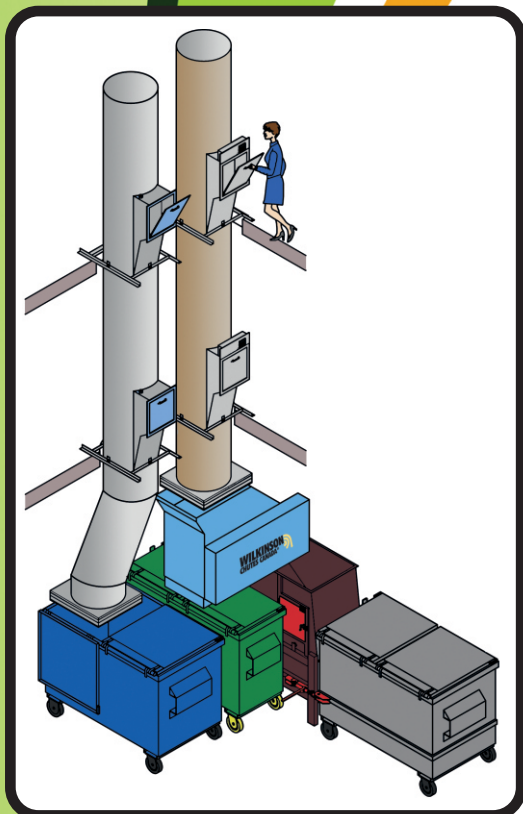
As per Municipal norms segregation of **"DRY"**(Recycling)& **"WET"** (Biodegradable) garbage is required and shall be collected in separate collection Bins.

We provide facilities to segregate and collection of garbage by using one chute.

It is fully automatic and one user at a time.

- Press any button **"DRY"** or **"WET"**
- **Busy** indicator and hoppers remain locked for all other floors.
- Chute converts to respective mode **"DRY"** or **"WET"** by rotatiw flap door in the garbage room.
- Operated hopper unlocked with indication of selected garbage.
- Open hopper manually & drop respective garbage bag. This bag goes to appropriate trolley.
- Auto closing hopper resets the system for next use. Total change over time of 10 seconds.





Latest Advanced Technology



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