

BURGLARY RESISTANT
**STRONG ROOM
DOORS**



Fortified protection, precision engineering, and unrivalled defence, guarding your assets with impenetrable strength and confidence

STRONG ROOM DOOR

DRILL MACHINE AND OXY-ACETYLENE
TORCH RESISTANT



Clenching Mechanism

High volumes of cash and valuable transactions demand high-end security measures. Godrej Security Solutions' state-of-the-art Strong Room Doors are made with double-duty barrier material and a torch and drill matrix to provide superior resistance against attacks by drill machines, oxy-acetylene torches, and more.

The doors come fitted with two dual-control high-precision locks, as well as automatic relocking deadlocks. The Strong Room Doors are specially designed for banks, financial institutions, jewelers, and other high-turnover businesses.

Features

-  Superior quality 10 mm thick MS door frame
-  A unique two step door construction
-  Godrej Double Duty Barrier material provides reliable protection against fire
-  12 shooting bolts, each of 38 mm diameter are provided in front and rear to secure the door
-  Balanced pressure bolt to protect against dislodging attempt by creating equal neutralizing pressure from within
-  Impact resisting shaft for handle to resist break in
-  Locks and re-locking devices are protected by specially designed drill-defeat shield
-  Automatic re-locking device deadlocks the door in case of explosives or mechanical attacks
-  Additional re-locking device on primary lock for extra protection
-  Grille gate is secured with high-precision 8-lever lock, and opens on both sides
-  Fitted with two dual control high precision 8-lever locks from Godrej
-  A relay micro switch is provided inside to control the lighting inside the vault room
-  Tested as per BIS standard IS 11188:2021

Technical Specifications

SPECIFICATION	NOMENCLATURE	CLASS-C	CLASS-B
Overall Size (cm)	H+W	212.8 * 122	212.8 * 125.4
Clear Opening (cm)	H+W	195.3 * 91	195.3 * 91
Thickness of door with lock case (cm)	T	17.2	19.2
Overall door thickness including frame and grill gate (cm)	OT	30	30
Recommended for wall thickness (cm)	WT	30.5-38	30.5-38
Door swing (cm)	B	106	106
Grille gate swing (cm)	C	99	99
Projection of door when opened at 90 (cm)	D	108	108
Projection of door when opened at 180 (cm)	E	27.5	29.5
Overall width of door and frame for max clear opening (cm)	F	185	186.7
Overall width of door and frame for when fully opened (cm)	G	220.5	222.4
Approx. weight (kg)		860	965

*Locking Mechanisms are also available in (a) Combination Lock (b) Electronic Lock (c) Biometric Lock (d) Time Lock

All dimensions are in cm and Tolerance - dimensions $\pm 5\%$

HIGH SECURITY DOOR

RESILIENT ENGINEERING TO WITHSTAND THE TOUGHEST ATTACKS



A well-managed bank not only provides the right financial solutions but also ensures the peace of mind of its customers and clients. That's why Godrej Security Solutions High Security Doors are the automatic choice. Made with cutting-edge technology, they are specially designed for currency chest applications and engineered to withstand attacks by common hand tools, power tools, fitting tools, and arc cutting torches. Their resilient construction is defined by their unique design and strong barrier materials like the torch and drill resistance matrix (TDR). These doors are perfect for banks, private safe deposit vaults, other financial organizations, and jewelers

Features



Door Frame

The door frame is a one-piece, bent, rivet-less, fully welded 'C' frame, imparting superior strength and sturdiness, while also providing a lasting aesthetic finish.



Rebate

A strong jamb rebate protects against various forms of burglary, such as oxyacetylene flame or electrical arc cutting. The solid jamb rebate offers greater resistance against dislodgment attacks, including hydraulic jack attacks.



Height Adjustment Mechanism

This mechanism is fitted on the door and pivots for the perfect alignment of the door. It allows for smooth and effortless movement on pivots with arrangements to fine-tune the door movement vertically on-site.



Locking Mechanism

The locking mechanism features a balanced pressure boltwork, which balances the handle operating force by converting it into an equal and opposite balanced force on the lock bolt. This ensures that any force on the pilot wheel is not transmitted to the lock fixing bolts.



Grille Gate

It is fitted with a high-precision 8-lever all-brass dual-control lock operable from both sides. The grille gate opens by 180 degrees, allowing free use of the inside space.



Limit Switch

Pivot-operated limit switch for internal room lighting.



Door Slab

The door slab is made using a special monolithic Torch and Drill Resistant layer (TDR Matrix), which is cast-in-situ. TDR is unique to Godrej, and it is this that gives the necessary burglar resistance to our doors. Fire resistance is provided by double-duty barrier material, which is filled in addition to the TDR material.



Shooting Bolt

A 4-way shooting bolt mechanism, total 16nos each on left and right and 2nos on top and bottom. Shooting bolts on each side offer extra burglar resistance.



Automatic Deadlocking Device - 2 nos.

Automatic Deadlocking Device - 2 nos. Independent, highly sensitive deadlocking devices protect each of these locks against explosives, acid, and other tool attacks through the keyhole. These are activated whenever attempts are made to dislodge the lock.



Locks - 2 nos.

High-precision, unpickable, dual-control locks fabricated using an all-brass body, brass levers, phosphor-bronze springs, and stainless steel keys, making lock operations smooth and effortless. Additionally, one 4-wheel combination lock (100 million combinations) is provided as a standard feature.



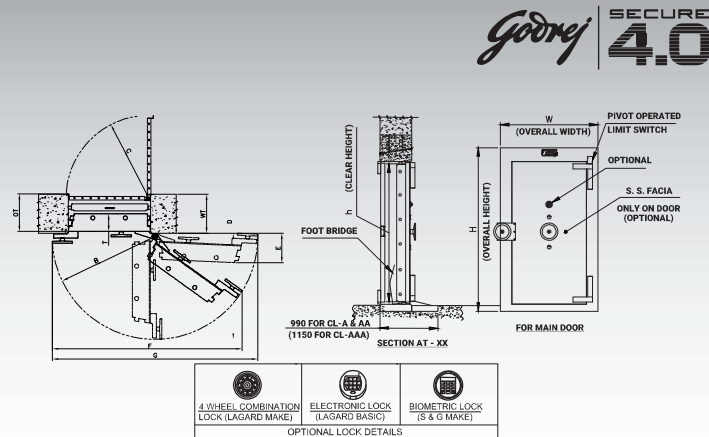
Compression Mechanism

Enables the vault door to be water tight, thus completely sealing of vault.



Certification

Tested as per BIS standard IS 11188:2021



DESCRIPTION	REFERENCE	MAIN DOOR CLASS-A DEFENDER DOOR	MAIN DOOR CLASS-AA DEFENDER DOOR	MAIN DOOR CLASS-AAA DEFENDER DOOR
Overall Size (cm)	H*W	225.5 x 135.5	225.5 x 135.5	225.5 x 135.5
Clear Opening (cm)	H*W	195.8 x 93.3	195.8 x 93.3	195.8 x 93.3
Thickness of door with lock case (cm)	T	21	25	32.5
Recommended for wall thickness (cm)	WT	48	48	48
Door swing (cm)	B	126.5	126.5	126.5
Overall door thickness including frame and grill gate (cm)	OT	48.5	48.5	48.5
Grille gate swing (cm)	C	103	103	103
Projection of door when opened at 90° (cm)	D	131	131	131
Projection of door when opened at 177° (cm)	E	36.2	39.7	46.9
Overall width of door and frame for max clear opening (cm)	F	233.9	234.6	245.2
Overall width of door and frame for when fully opened (cm)	G	253.1	253.1	253.1
Approx. weight (kg)		1698	1930	2250

*Locking Mechanisms are also available in (a) Combination Lock (b) Electronic Lock (c) Biometric Lock (d) Time Lock

DESCRIPTION	REFERENCE	EMERGENCY DOOR CLASS-A DEFENDER DOOR	EMERGENCY DOOR CLASS-AA DEFENDER DOOR	EMERGENCY DOOR CLASS-AAA DEFENDER DOOR
Overall size over door frame (cm)	H x W	101.8 x 120	101.8 x 120	101.8 x 120
Clear opening door open at 180 deg. (cm)	H x W	61.8 x 77.8	61.8 x 77.8	61.8 x 75.9
Projection of door when open at 180 deg. (cm)	E	34.9	38.9	46.4
Projection of door when open at 90° (cm)	D	114.8	114.8	114.8
Overall door thickness (cm)	T	21	25	32.5
Overall door thickness including frame and grill gate (cm)	OT	48.5	48.5	56.5
Recommended wall thickness (cm)	WT	48	48	56
Grille gate swing (cm)	C	86	86	86
Overall width of door and frame when door is opened at 180 deg. (cm)	G	222.2	222.2	222.2
Minimum overall width of door and frame to give maximum clear opening (cm)	F	214	215.5	218.6

GODREJ MX

REVOLUTIONIZING BUSINESS SECURITY
WITH THE POWER OF PORTABILITY



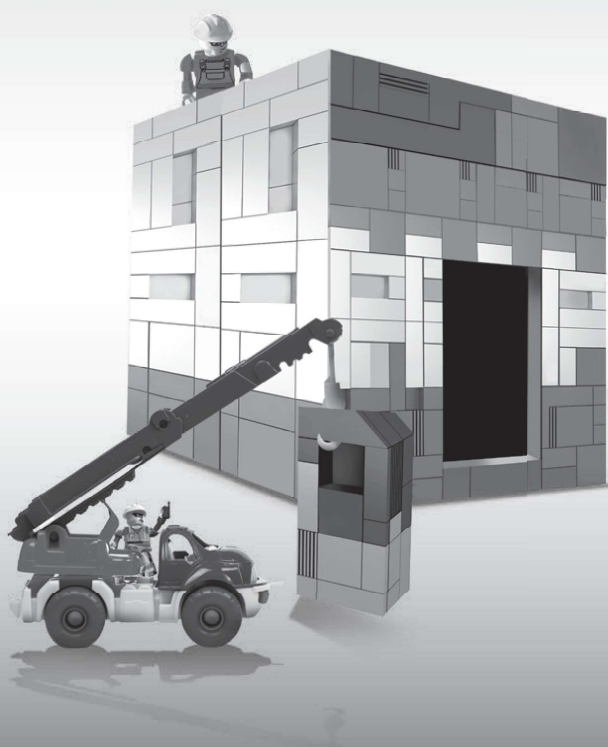
"INTRODUCING A ONE-OF-A-KIND INNOVATION: GODREJ MX PORTABLE STRONG ROOM

With a legacy spanning over 125 years, Godrej Security Solutions, the visionary pioneers of security, proudly introduces the first-ever portable Godrej MX vault rooms in India. These vault rooms can be effortlessly set up or dismantled, ensuring quick and efficient transportation while maintaining the desired level of security. Our modular designs, crafted from high-quality steel plates, provide an additional layer of protection.

MX Portable Strong Rooms enhance the robustness of your business security system, facilitating the seamless inflow and outflow of valuables and cash. What sets Godrej MX apart is its adaptability; it can be retrofitted into your existing strong rooms, making it a versatile and seamless addition to your security infrastructure.

Experience the future of security with our BIS Certified Godrej MX Portable Strong Rooms Modular Panels. These not only meet the stringent norms of the Bureau of Indian Standards but also surpass them. Contact us today to discover more and learn how Godrej MX can elevate your business security to unprecedented levels.

ALL GSS STEEL COMPONENTS UNDERGO A 7-STEP, 12-TANK, PRE-TREATMENT PROCESS FOR SUPERIOR STRENGTH, SUPREME RESILIENCE, LONGER LIFE, AND UNMATCHED QUALITY.





GIVE YOUR HIGH-VALUE ASSETS THE CONVENIENCE AND PROTECTION OF GODREJ MX:



Torch and Tool Resistance
Impervious to damage and danger by cutting implements making it tamper proof.



Upgraded mixes for high end fortification
Crafted with precision and sophistication, blending aesthetics with heightened security.



Ease of Assembly
Quickly set up or relocate the Modular Vault Room as needed, ideal for adaptable security solutions.



Relocation Capability
Easy movability to different locations, offers a cost-effective solution for expanding businesses.



Custom Design
Tailor the vault room to precise security needs, optimizing space usage for asset protection.



Modern Aesthetics
The sleek and stylishly ultra-modern design effortlessly integrates into contemporary settings.



Optimum Protection
Reinforced structure withstands burglary attempts, ensuring secure storage for high-value assets.



Scalable and Portable
Easily adjust the vault's size and move it to various locations for versatile security.



Space Efficiency
Thin walls maximize internal space, enabling efficient organization of valuable assets without compromising on security.



Godrej MX Certified Strength
IS 17541 | Bureau of Indian Standards (BIS)



HIGH RESISTANCE TO TORCH AND TOOL ATTACK



MODULAR CONSTRUCTION MAKING EASY ASSEMBLY AT SITE



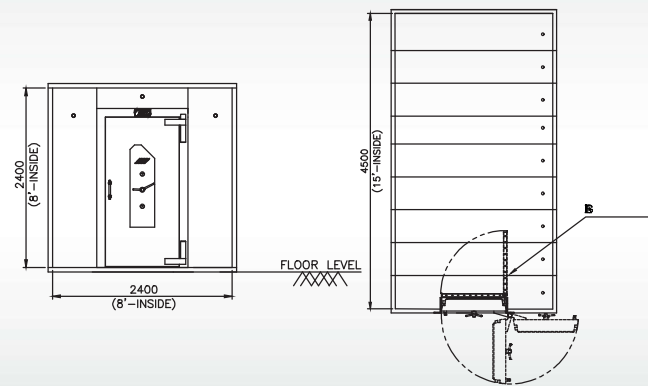
PANELS TO BE WELDED TO EACH OTHER AT SITE.



EASY DISMANTLING AND RE-ASSEMBLY IN CASE OF SHIFTING OF VAULT ROOM



STANDARD WIDTH OF PANEL - 500MM



For better understanding please consider a room size of 8ft x 15ft x 8ft

DESCRIPTION	PANEL THK. CM	APPROX USABLE FLOOR AREA SQ. MTR	APPROX PANEL SURFACE AREA SQ. MTR	APPROX PANEL WEIGHT TONS	DOOR WEIGHT TONS
CLASS-C	6	11	57	12.5	0.9
CLASS-B	7.5	11	58	15.0	1.0
MODULAR ROOM EQUIVALENT TO 60 MINSTORCH & TOOL RESISTANCE	10	11	61	20.5	1.6
MODULAR ROOM EQUIVALENT TO 120 MINS TORCH & TOOL RESISTANCE	15	11	64	30.0	1.8
MODULAR ROOM EQUIVALENT TO 180 MINS TORCH & TOOL RESISTANCE	24	11	71	48.5	2.2

*May change after actual site survey

We safeguard: Business | Corporate | Institutions | Hospitals | Industrial | Monuments | Residential

We safeguard: Business | Corporate | Institutions | Hospitals | Industrial | Monuments | Residential

RECORD ROOM DOORS

SPECIAL HAMMER AND DRILL RESISTANCE
PLATE PROTECTION



Business and business records are inseparable. Without proper record tracking, a bank or any other business may lose its roadmap to progress. Godrej understands this. We have developed robust Record Room Doors to assist organizations in safeguarding their records and paperwork.

These doors are fire-resistant, guaranteeing the safety of records in case of mishaps. They are also designed to provide excellent security against burglary, ensuring peace of mind. Their multi-bend door frame is crafted from prime steel, and the door's critical elements are protected by special hammer and drill-resistant plates. Record Room Doors come equipped with a high-precision 8-lever dual-control lock are ideal for banks, private safe deposit vaults, and other financial organizations.

Features



Multi-bend Door Frame

The door frame, crafted from high-quality steel, is multi-bend and reinforced around its edges.



Secure Anchoring

Eight holdfasts are provided on the frame to ensure solid anchoring with the record room wall.



Door Construction

The door slab is constructed following the Strong Room door type, with crucial door elements protected by specialized hammer and drill-resistant plates.



Bolting

Bolting is achieved through four shooting bolts at the front end, along with an additional four solid bolts welded to the lock case on the hinged side.



Fire Resistance

The door is lined with Godrej's unique non-conductive fire-resistant compound for insulation against intense heat.



Grille Gate

A well-designed grille gate is secured with a Godrej high-precision 8-lever Dual Control lock operable from both sides.



Paint Finish

High-quality nitro-cellulose paint in a charcoal brown color with a stipple finish is applied.



Anti-Rust Treatment

Superior anti-rust pre-treatment ensures durability and paint retention.



Optional Features

Optionally, a record room door with a left-hand opening can be provided. The grille gate can also be provided with an alternative opening.

Usage

These doors are suitable for use in various settings, including banks, private safe deposit vaults, financial institutions, offices, factories, warehouses, hotels, hospitals, jewelers, exporters, and petrochemical industries.

Locking system

- The bolt work is secured by two high-precision dual-control Godrej locks.
- Optionally, a Godrej 3-wheel or 4-wheel combination lock can be included.
- An automatic dead-locking device prevents forced displacement of the lock, such as by a crowbar or sledgehammer.
- Optionally, a time lock arrangement can also be provided.

Technical Specifications

Suitable for wall	23.0-30.5 cm
Overall size - front frame (HxW)	206.5 × 102.0 cm
Overall size - rear frame (HxW)	198.5 × 94 cm
Clear opening	188.2 × 77.3 cm
Thickness of door with lock case	12.8 cm
Thickness of door slab	1 cm
Thickness of lock & vital	6.2 cm
Net weight with grille gate	530 kgs

*All dimensions are in cm and Tolerance - dimensions ± 5%

DEFENDER AURUM NX DOOR

BANK'S MOST ENHANCED BARRIER



Godrej Defender Aurum Nx Door is specifically designed to fit into a typical jewellery shop and offers Torch and Tool Resistance thus securing your precious valuables from burglary attacks. In today's Indian Jewellery market and an ever-growing Indian economy, there is an increase in value of assets, hence an imminent need to secure these assets even more. Also, with technological advances, there has been an advancement in the sophistication level of the burglaries too. A jeweller's dream and burglars' nightmare, Godrej Defender Aurum Nx Door comes with double duty barrier that provides reliable protection against burglary and fire.

Features

- 
Strong And Seamless Body
 Features a fully welded multi-corner bend construction. Designed without the use of a single rivet. Utilizes a one-piece wrap-around door construction.
- 
Two Step Door and Frame Construction
 Provides higher resistance against fire and burglary.
- 
Torch And Drill Resistant Matrix
 Incorporates an enhanced torch and drill-resistant matrix. Specifically used in TRTL classes of safes (class II and above).
- 
Double Duty Barrier
 Equipped with Double Duty Barrier (DDB) material in both the door and the body.

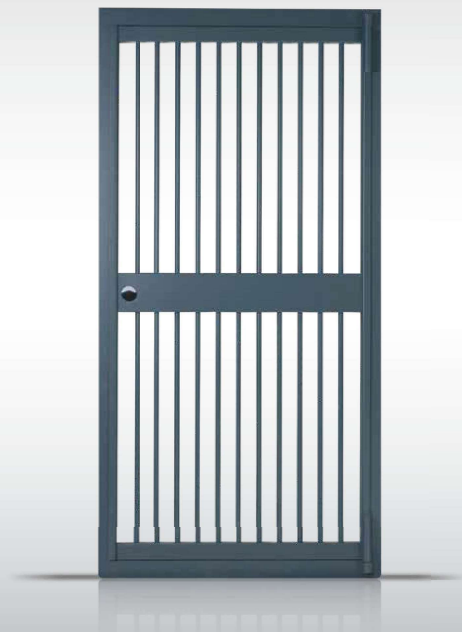
Technical Specifications - Class I

SPECIFICATION	NOMENCLATURE	DIMENSION
Overall Size (cm)	H-W	165.6 • 89.4
Clear Opening (cm)	H-W	1481.1 • 58.4
Thickness of door with lock case (cm)	T	16.2
Thickness of over lock & vital parts (cm)		10
Overall door thickness (cm)	OT	24.5
Recommended for wall thickness (cm)	WT	30.5-38
Door swing (cm)	B	72.5
Projection of door when opened at 90 (cm)	D	76
Projection of door when opened at 180 (cm)	E	26.5
Overall width of door and frame for max clear opening (cm)	F	130
Overall width of door and frame for when fully opened (cm)	G	155.5
Approx. weight (kg)		490

*All dimensions are in cm and Tolerance - dimensions $\pm 5\%$

SINGLE SHUTTER GRILLE GATES

LOCKING OUT DANGER



In spite of cameras and security guards, there's no guarantee regarding the kind of people entering a bank. One can never distinguish a gun-carrying hoodlum from an ordinary customer. Grille Gates provide an additional layer of security for bank vault rooms. They help secure these vault rooms while also offering discretionary access. The gate can be locked from both sides, allowing customers and personnel inside to lock the door instantly in case of a security breach. The Grille Gate has been designed for use in banks and other financial organizations.

Features



Has a dual control high precision 8-lever lock

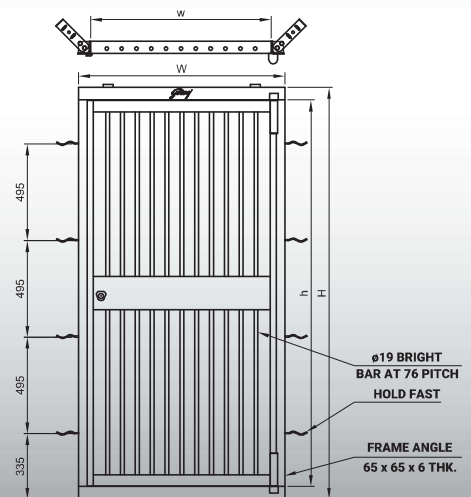


Can be operated from both sides giving operational ease



Enhanced operator's security

OVERALL SIZE (FRONT)	OVERALL SIZE (FRONT)	GROSS WT (kgs)
HXW = 211 cm x 105.5 cm	HXW = 198 cm x 92.5 cm	200



FORTIFI-SOLUTION

UPGRADED LOCKING MECHANISM TO
FORTIFY YOUR PROTECTION



Features



Compact and easy to handle
fortification process



Use of fortified protective slabs and a
fascia with handle



Three protective slabs at the top, bottom
and centre, weighing 125 kg each



Final slab consisting of a 5 mm thick Black
Plate with TRTL 30 rating



Minimum installation time using skilled
manpower from Godrej



Fortification process and final furnishing is
completed within 3 days

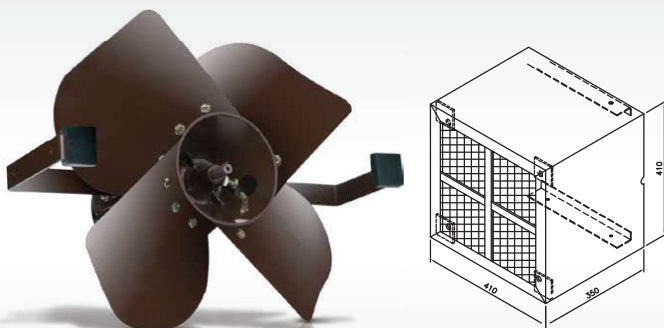
To stay at the forefront of banking, lead with future security. Godrej presents Fortifi strengthening solutions, which enhance strong room doors by reinforcing each part and upgrading the locking mechanism to meet current resistance standards.

Fortifi can be customized to your preferred size, in accordance with recommendations from BIS, RBI, and IBA. This solution includes the upgrade and reinforcement of strong room doors using fortified protective slabs, providing the doors with the strength to withstand attacks. In some banks, strong room doors are often outdated and ill-equipped to resist modern-day burglary attempts. As technology advances, break-ins have become more sophisticated, and no longer rely on crude, amateur methods.

GODREJ AIR EXHAUST FAN

FRESH LOOK AT SECURITY

Godrej Air Exhaust Fans circulate fresh air to ensure better ventilation. The dynamically balanced blades on the bearings ensure a prolonged lifespan, while the polyurethane coating resists corrosion. A braced and varnished vacuum-impregnated stator winding is used to make them non-hygroscopic. It is recommended to change the air in the vault room as frequently as possible, with 6-8 air changes per hour being recommended.



Specifications

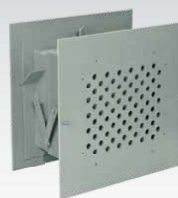
CAGE FOR EXHAUST FAN	PACKAGING DIMENSIONS (cm)		
	HEIGHT	WIDTH	DEPTH
	41	41	35

Performance Data of Exhaust Fan

FAN DIAMETER (cm)	SPEED (RPM)	POWER (Watts)	PHASE	CURRENT (AMP)	MAX. FREE AIR	
30.5	4100	85	SINGLE	0.36	2000 M ³ /H	1178 FT ³ /MIN

GODREJ AIR VENTILATOR

LET YOUR VAULT ROOM BREATHE

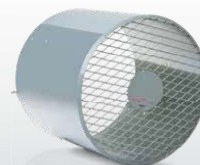


The Godrej Air Ventilator ensures air passage and proper ventilation in the vault room by expelling air from the fan through a box-shaped steel channel. The air ventilator can be adjusted within a range of 30 cm to 46 cm for a secure fit on the wall. It is equipped with 1 cm thick MS front and rear plates reinforced with a 5 cm thick oxyacetylene flame-resistant plate. Its welded structure protects it against burglary, while a pair of baffle plates ensures that no flames can enter the vault room directly in the event of a fire breakout. The Godrej Air Ventilator also features perforations to ensure proper airflow. Adequate air passage and ventilation are essential requirements for a vault room, with at least 6 air changes per hour recommended.

Specifications

UNIVERSAL AIR VENTILATOR	WEIGHT (KGS)		PACKAGING DIMENSIONS (cm)			COLOUR
	NET	GROSS	HEIGHT	WIDTH	DEPTH	
	70	85	48.5	48.5	42.5	

All dimensions are in cm and Tolerance - dimensions ± 5%



GODREJ V CAGE PROTECTING FRESHNESS

Exhaust fans are susceptible to accidents due to their high fan speed. Any mishap in a high-security zone, such as a vault room, is inevitably associated with potential security risks that a bank cannot afford to take. The Godrej V-Cage is a protective cage that encloses the exhaust fan, reducing the risk of accidents. It has wire mesh on one end to prevent direct air access to the fan, thus preventing unwanted materials from entering and jamming it. The V-Cage also shields the fan from humidity, fire, and dust.

Specifications

V- CAGE	WEIGHT (KGS)		PACKAGING DIMENSIONS (CM)		COLOUR
	NET	GROSS	DIAMETER	DEPTH	
	11	13	1.3	1.3	

Recommended Guidelines for ventilation requirements

SITUATION	VOLUME (A)	AIR CHANGES /HR. (B)	AIR MOVEMENT (AXB)	EXHAUST FAN REQD.
OFFICE	20MX10M×3M=600M ³	10	6000 M ³ /HR	3NOS. 327 MM/ 1400PM
STRONG ROOM	5M×5M×3M=75M ³	8	600 M ³ /HR	3NOS. 327 MM/ 1400PM

All dimensions are in cm and Tolerance - dimensions ± 5%