

Solid ideas...



...to deal with impact or fire!

Grandmaster brings to you a diverse range of security products for the Banking, Non Banking, Hospitality, Retail, Gems & Jewellery segments, Gas Stations as also Corporate & Public Sector undertakings. Presented in this catalogue is our range of **GrandAuro** Burglary and Fire Resistant Safes that are engineered as per the latest technology and standards providing you an effective security solution thereby allowing you to breathe easy.

Grandmaster Innovations Pvt. Ltd., is a high quality security solutions company promoted by professionals who have decades of combined experience in entrepreneurship and marketing and were responsible for founding and successfully establishing the most sought after refrigeration brand 'Celfrost' in the Indian hospitality industry.

The **GrandAuro** range of physical security products are designed to the most stringent specifications and are manufactured by our group company Aurombica Engg. Co. Pvt. Ltd. under watchful quality control measures. **GrandAuro** Burglary & Fire Resisting Safes are designed in a variety of popular sizes ranging from 26" to 81" and are successfully tested by CBRI for fire resistance, burglary impact and oxyacetylene attack as per latest IS:550-2014 thereby ensuring reliability and a reason for you to breathe easy.



### Product / Technical Details

#### Body

The body of a GrandAuro safe is specially manufactured with 5mm thick tough steel plate using multi bends, with round corners, without any rivets, and with suitable reinforcement. The inner lining is made of strong thick steel suitably reinforced and anchored to the body. The thickness of the body walls on all five sides is 100mm including double duty barrier materials that offer fire as well as burglar resistance as per IS:550-2014.

#### Door

Burglars tend to concentrate their brutal attack on the safe's door, GrandAuro manufactures the safe doors with heavy, thick and tough steel plates reinforced with drill, hammer and oxyacetylene resistant special alloy plates covered with thick MS plates of not less than 10mm sandwiched by various fire, burglar and oxyacetylene resistant materials for all classes. Overall thickness of the door will be 150mm to 155mm.

#### Bolt work and locking mechanism

The door is provided with solid flanged steel plates on four sides, forming a lock case. The bolt work and lock assembly are placed inside a lock case that is further enclosed by a fabricated thick steel cover. Depending on the size, the different models of GrandAuro safes have a varied number of shooting bolts as indicated in the table of specifications. The locking mechanism is operated by a handle in the front and controlled by superior quality, dual control, unpickable high precision 10 lever locks.

#### Auto re-locking system

Adopting the latest technological advancement GrandAuro safes are fitted with a deadlock device that gets activated by even a minor attack on any part of the door and would get deadlocked instantly.

#### Push and pull bolt work mechanism in the handle

GrandAuro has pioneered the introduction of a unique 2 way 'Push & Pull' locking mechanism in India that gets activated with 30mm bolts. Safes with this feature are available at an extra optional cost.

#### Safe cum Safe Deposit Lockers

The standard safe deposit lockers don't provide protection against fire and burglary hazard and hence have to be maintained inside vault room for necessary security. Alternatively, the safe deposit lockers are built inside safe conforming to IS: 550 to provide protection against fire and burglary at places where construction of RCC vault is not feasible. Like SDLCs, Safe cum Safe Deposit Lockers too come in multiple configurations based on customers' requirement.

### Choice of Locking Arrangements

The following locking arrangements can be provided in lieu or in addition to existing dual control locks at extra cost:

#### GrandAuro numerical combination lock

UL listed keyless numerical 3 wheel combination lock, offers a choice of nearly million combinations for setting and resetting. The dial of the lock can be made inoperative by locking it for additional security. The combinations lock can be fitted even after the installation of the safe at the users premises.

#### Time lock

The time lock is a timer designed to prevent the opening of the safe or vault until it reaches the preset time, even if the correct lock combination(s) are known or the key is used.

GrandAuro Safes can be retro-fitted with imported, superior quality electronic/mechanical UL listed time lock with multiple clock movements if required by any client.

#### Key bits

The detachable key bits are offered as an option at extra cost.

## Fire & Burglary Resistant Safes





Deposit Safe



81" SSDL  
Safe with Safe Deposit Locker

### Technical Specifications

as per IS:550-2014

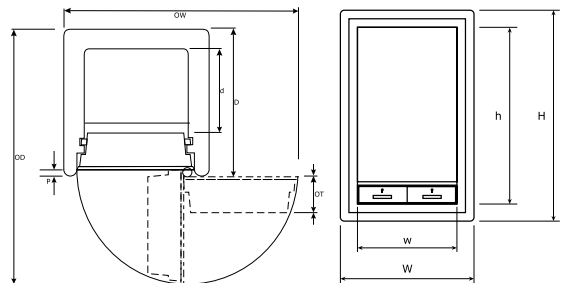
PRODUCT NAME	MODELS - SINGLE DOOR						DOUBLE DOOR		
		26"	31"	41"	49"	61"	81"	61" DD	71" DD
External Dimensions (in mm)	H	670	790	1050	1250	1550	2050	1590	1800
	W	540	635	635	785	785	950	1110	1110
	D	570	665	665	730	730	915	730	730
Inside Dimensions (in mm)	H	470	590	850	1050	1350	1850	1350	1560
	W	340	435	435	585	585	750	880	880
	D	290	385	385	418	418	585	418	418
Internal Cubic Capacity m3		0.05	0.01	0.142	0.27	0.35	0.811	0.530	0.783
Door Swing (S)	S	410	505	505	655	655	830	500	535
Overall Depth with Door 90°	O.D	950	1150	1150	1365	1365	1725	1210	1355
Overall Depth with Door 180°	O.W	870	1060	1060	1360	1360	1710	1935	2075
Overall Thickness	O.T	150	150	150	150	150	155	150	155
Projection of Body from the Door	P	30	30	30	30	30	30	30	30
Weight (without packing)	Kg.	415	630	800	1130	1350	2050	1750	1925
Floor Loading-kg./m <sup>2</sup>		1450	1550	1900	1950	2325	3050	2120	2145
Shelves Adjustable/Removable only		1	1	2	2	3	4	3	4
Drawers/Lockers		1	1	1	2	2	3	3	3
Dual-control Locks/Shooting Bolts		1/6	1/6	1/8	2/8	2/10	2/12	3/23	3/23
Tolerances Dimension : ±	mm	± 25	± 25	± 25	± 30	± 30	± 40	± 40	± 40

Specifications and features are subject to change without any notice, due to continuous product development.

All dimensions and indicated weights are approximate.

### BIS Standards & GrandAuro Safes available

CLASS	CLASSIFICATION CODE		
'C'	TL	30TDL	10x5 FR.30
'BB'	TRTL	15x6	
'A'	TRTL	30x6	
TL	Tool Resistant		
TRTL	Torch & Tool Resistant		
FR	Fire Resistant		



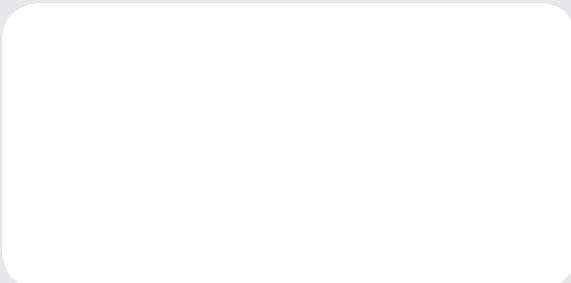
## GRANDMASTER™

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