MAN-TRAP AUTOMATIC

FULL HEIGHT CUBICLE

**— QUALITY —
GUARANTEE**
INDUSTRY LEADER

- With a wide variety of options, the Man-Trap is the perfect solution for controlling access to any building
- Designed and manufactured to provide a durable and aesthetic access control solution
- Both doors operate automatically and have built-in safety

APPLICATIONS	• Suited for applications requiring medium volume access and high levels of security • Used extensively at entrances to banks, retail stores, colleges, office blocks and commercial buildings
DESIGNED FOR	• Interior installations • Demanding operating conditions
AVAILABLE CONFIGURATIONS	• Three sizes allowing for varying levels of security and comfort • Single and double
SECURITY RATING	• 4 out of 5 High Security

UNIQUE FEATURES OF THE MAN-TRAP FULL HEIGHT CUBICLE

- Double door security
- Designed for integration with any access control system and for various double door operating configurations

RELIABLE TECHNOLOGY

- Direct pivot design ensures true door alignment and removes the need for clumsy, noisy hinges
- Steel frame structure and door, preventing sagging and door warping unlike aluminium doors which warp with use
- Stainless steel base bearings for longevity and corrosion resistance
- Automatic door operators with built-in safety
- Monitored strike pin locks
- Battery backup (optional extra) - the doors revert to manual hydraulic spring mode
- Infrared beam, dual occupancy presence sensors (optional extra)

DURABLE FEATURES

CONSTRUCTION

- Frame of powder coated mild steel (structured finish) or 304 grade brushed stainless steel
- 4.5mm 3Cr12 stainless steel base plate with heavy-duty non-slip rubber
- Standard glazing of 6.38mm PVB laminated glass (bullet resistant glass available on request)
- Glass surrounds of aluminium

DOOR COMPONENTS

- Automatic door operator
- 440lb magnetic lock
- Mortise lock for night locking

- 304 grade brushed stainless steel pull handle

INDICATORS AND LIGHTING
- Low voltage ceiling downlighter
- LED green and red indicator lights

GUARANTEED MANUFACTURED TO LAST
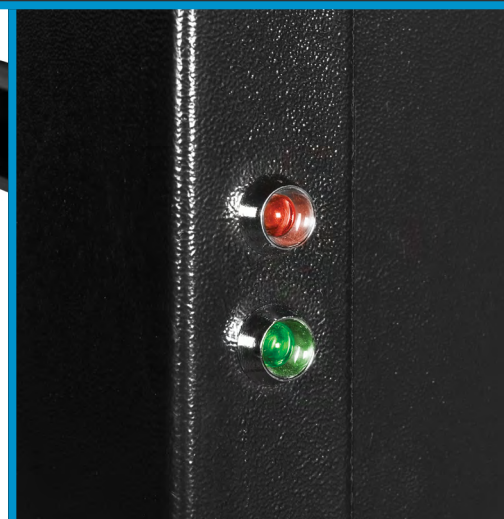
- Zero maintenance
- 12 month guarantee

STAR QUALITIES

WELDED STEEL FRAME WITH ALUMINIUM AND GLASS INFILL

STAINLESS STEEL PULL HANDLE AND MORTICE LOCK

LED INDICATOR LIGHTS

TECHNICAL SPECIFICATIONS

POWER	220 Volt AC (110 Volt AC on request)
FREQUENCY	50Hz / 60Hz
POWER CONSUMPTION	• 80W standby - 110W operating (Single Man-Trap) • 160W standby - 220W operating (Double Man-Trap)
DIMENSIONS & WEIGHT	See overleaf
DESIGN	Modular bolt-together design for ease of transport and rapid installation. Components can pass through a standard door. Can be packed in broken-down form either onto a pallet or into a crate for transport. All glass is factory fitted into the steel and aluminium frames.
SYSTEMS INTEGRATION	• Integrates with all access control and time and attendance systems (controlled through a normally open dry contact) • Integral wireways – no exposed wires
FIRE ALARM	Doors automatically open and remain open
INSTALLATION REQUIREMENTS	• Free standing structure which can be installed into a new or existing shopfront • Fixing surface is to be level (tolerance +/- 5mm) • Fixed to existing floor by means of four countersunk anchor bolts

MANUFACTURING OPTIONS

CONTROLLER OPTIONS						
	CBL01A	Bi-directional **two reader locking** controller	Complete with	✔	Internal emergency pushbutton	✖ Presence sensors
	CBL02A	Bi-directional **two reader locking** controller	Complete with	✖	Internal emergency pushbutton	✔ Presence sensors
	CBL03A	Bi-directional **single reader locking** controller	Complete with	✔	Two external cycle start pushbuttons	✖ Presence sensors
	CBL04A	Bi-directional **single reader locking** controller	Complete with	✔	Two external cycle start pushbuttons	✔ Presence sensors

DUAL OCCUPANCY	Infrared beam dual occupancy presence sensors (optional extra)
POWER OPTIONS	Battery backup (optional extra)
DOOR CLOSER OPTIONS FOR POWER FAILURE OPERATION	• Normally closed door closer (factory standard) • Normally open door closer
ACCESSORY OPTIONS	• Card / proximity reader mounting brackets • Biometric / fingerprint reader mounting brackets • Single pushbutton mounted in frame of cubicle or in plastic box • Random search device
FINISH OPTIONS	• Mild steel with UV resistant polyester exterior powder coat finish (structured black) ★ • 304 grade brushed stainless steel • 316 grade brushed stainless steel ★ other structured colours available on request

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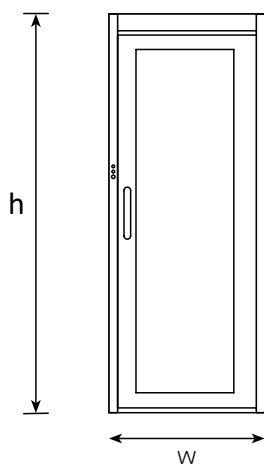**THE MULTIPLE OCCUPANCY PRESENCE SENSOR SYSTEM**

The multiple occupancy presence system is a basic detection system incorporating a number of infrared beams installed along the sides of the product and utilising a simple algorithm to declare an entry valid or invalid.

The multiple occupancy system does not and cannot offer **100% validated access.**
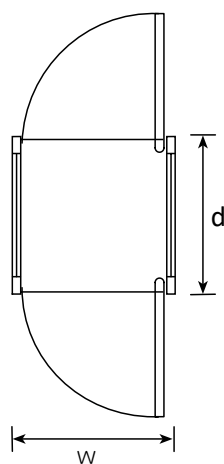
MAN-TRAP FULL HEIGHT CUBICLE RANGE

SINGLE

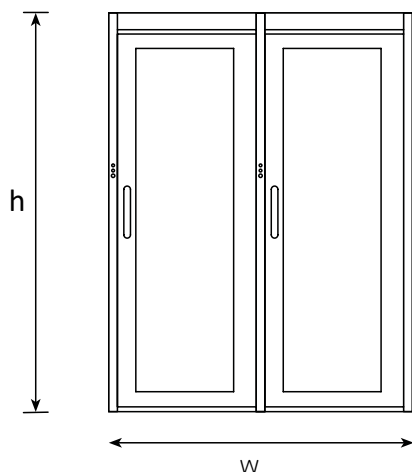### FRONT ELEVATION

PLAN VIEW

SPECIFICATION FOR ARCHITECTS AND SPECIFIERS

MAN-TRAP automatic cubicle (CODE as per below table), of powder coated mild steel (structured black) / 304 grade brushed stainless steel, including CBL 01/2/3/4/5/6/7 controller, fixed to level floor by means of four M12 x 90 counter sunk anchor bolts.
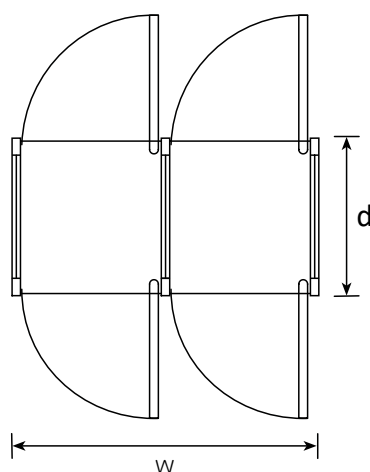
Custom designs are available on request.

DOUBLE

FRONT ELEVATION

PLAN VIEW

MAN TRAP CUBICLE – AUTOMATIC			inches	millimeters	pounds
Single		TSMTA-SA	31.5w – 27.5d – 90.5h	800w – 700d – 2300h	617
		TSMTA-SB	35.4w – 35.4d – 90.5h	900w – 900d – 2300h	684
		TSMTA-SC	39.4w – 55.1d – 90.5h	1000w – 1400d – 2300h	926
Double		TSMTA-DA	61.0w – 27.5d – 90.5h	1550w -700d – 2300h	1124
		TSMTA-DB	68.9w – 35.4d – 90.5h	1750w-900d – 2300h	1213
		TSMTA-DC	76.8w – 55.1d – 90.5h	1950w -1400d – 2300h	1609