

AutoCav™ Commercial - Confirmation Form

The following information is required before manufacture of your unit can begin.
Please check / fill out as many details as possible and email back to us. (ONE DOOR PER FORM)

1 Job / Door Details

Job name _____

CS Ref: **S** _____

Door location _____

Unit type:

- Pocket frame Wall mounted
 Track/Head Only (choose fixing detail below)
 See **Fixing for Track/Head Only Units** for more info. If none of the fixing details are suitable, send a detailed PDF or DWG)

Track/Head Only Fixing Detail:

- Top Mounted Wall Mounted
 Heavy Weight

Stud Size:

- 3½ or 3⅝" (90mm) 5½" (140mm)

Door type:

- Timber CS NewYorker CS AluTec FramelessGlass
 Customer Supplied

Door configuration:

- Single Bi-Parting

Door size / Rough opening (circle one): _____ inches high X _____ inches wide

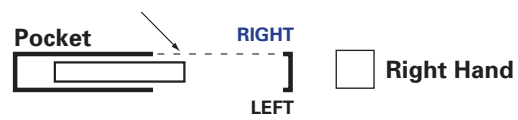
Clear walk through: _____

Door weight:

- < 80kg (175lb) 80 - 200kg (175 - 440lb)

Door Handing (please tick)

Access to motor & idler



Access to motor & idler

2 Door Function

Normal position: Open Closed

Hold open option required? Yes No

LEFT SIDE: Activated by (see options overleaf) _____

RIGHT SIDE: Activated by (see options overleaf) _____

The door will open: slowly (6"/sec) (150mm) normally (12"/sec) (300mm) quickly (20"/sec) (500mm)
and then

close after _____ seconds: slowly (6"/sec) normally (12"/sec) quickly (20"/sec)

Safety beams required? Yes No

Can you fit control gear within 5 meters (16 feet) of motor in ceiling? Yes No

Motor position: Pocket Opening

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3 Activation Devices

See *AutoCav Activation Packs* for more detail

<p>ACPACK001 PLC CONTROLLED (STD)</p> 	<p>ACPACK002 HANDWAVE SENSOR</p> 	<p>ACPACK003 PDL SWITCH</p> 	<p>ACPACK004 WC TOILET</p> 
<p>ACPACK005 P/BUTTON ACCESS</p> 	<p>ACPACK006 PIEZO BUTTON (2 off)</p> 	<p>ACPACK008 OVERHEAD SENSOR</p> 	<p>CUSTOM FUNCTIONS</p> <p>TALK TO OUR TECHNICAL TEAM</p>

Security: Lock from LHS Lock from RHS Lock from both sides

4 Site Details

Delivery Address _____

Contact _____ Phone _____

Automation Contact _____ Phone _____

Security Contact _____ Phone _____

Electrical Contact _____ Phone _____

Special delivery instructions _____

Access considerations _____

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5 Specifications

Standard CS Autocav Controller Specs	
Door speed	500mm/sec (20"/sec) opening
Safety features	Safety beams 2 pair Electronic obstacle detection
Power requirements	230V AC 50Hz single phase (USA 110V AC)
Battery backup	(optional) - 24VDC
Door weight	Up to 250kg (500lb) (total door weight per motor)
Door size	Up to 2700mm high x 5000mm (106" x 196") wide*
Drive system	Brushless DC motor with toothed belt
Locking device	Mechanical. Non maglock motor lock
Hold open time	0 - 25 Sec (adjustable)
Fire alarm	Dry contact

Additional door functions available	
8 Inputs	Dry contact. Select from – Open Cycle, Open Only, Close Only, Hold Open, Safety Beams, Lock, Partial, Fire, Forwards, Backwards.
6 Outputs	4 transistor. 2 relay. Select from – Door Open, Door Closed, Door Stopped, Door Locked, Door Engaged, Door Vacant, Door Fault, Door on batteries, Fire, Door Forced.
Partial Open	1 – 100% of open size adjustable

Standard CS Autocav Controller Specs	
Input devices	6 x dry contact, 2 x safety beam (can be used as dry contact input)
Output devices	4 x transistor out 2 x solid state relay out
Aux power	12VDC and 24VDC available for powered sensors
Standard door functions	
Entry input	Push button, handwave or overhead sensor
Exit input	Push button, handwave or overhead sensor
Mode switch	Auto, Hold Open, Hold Closed
Normal hold open time	3 Sec
Normal opening speed	500mm/sec (20"/sec)
Normal closing speed	250mm/sec (10"/sec)
Safety beams	2 pairs
Battery backup	Optional
Wiring looms	Included 5000mm (16ft) standard

Additional door functions available	
Opening Speed	100 – 500mm /sec. (4" - 20"/sec). Door weight dependant.
Closing Speed	100 – 500mm / sec. (4" - 20"/sec). Door weight dependant.
Acceleration	Adjustable
Deceleration	Adjustable
Positive Close	Constant force applied when closed for seal compression
Hold Position	On or off. Door cannot be moved when stopped
Force Open	On or off. Door will auto open when pushed

Standard settings are default. These can be adjusted on request.

All door functions are available through CS Controller Interface application. Windows based operating system required.

6 Commissioning

All CS Automatic Units are tested and pre-commissioned at the factory. Commissioning of all AutoCav units following installation must be performed by a suitably qualified person. It is the client's responsibility to ensure that any party contracted to commission a CS AutoCav unit is capable and familiar with this product. Any works required of CS after commissioning by that vendor, including online or phone support, will be chargeable. Cavity Sliders USA also offers a limited 'on-line' commissioning service which can be performed along with your vendor commissioning. For details and a quotation on any commissioning service please contact us.

7 Recommended Service Plan


CS AutoCav units should be serviced approximately every 5000 uses. Door usage guidelines are as follows:

- Low use: Doors are used 10-20 times a day (3500-7000 open cycles per year)
- Moderate use: Doors are used 30-40 times a day (10,000 - 15,000 open cycles per year)
- High use: Doors are used several times an hour or 50-60 times a day (17,500 – 20,000 + open cycles per year)

8 Warranty Information

This automated cavity slider pocket comes as standard with a 2 year warranty (12 mths on electrical components). Contact Cavity Sliders USA for a copy.

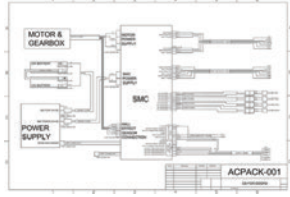


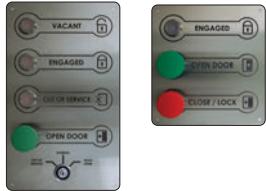




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AutoCav™ Commercial - Activation Packs

Activation Pack	Description	Summary
ACPAC001 PLC CONTROLLED (STD) 	Pack includes: <ul style="list-style-type: none"> - Clean contacts for customer supplied activation - 8 Inputs customizable with momentary & latching - Open/close/hold/lock/emergency open/safety & more - 6 Outputs customizable including door state & more - Pre wire of above components 	For use with existing security or automation systems. Supply your own activation devices such as prox card.
ACPAC002 HANDWAVE SENSOR 	Pack includes: <ul style="list-style-type: none"> - Handwave sensors x 2 - Wave to open S/S plate x 2 - 3 Position key switch + S/Steel plate - Locking or non lock functionality - Pre wire of above components 	Clever technology that allows non contact activation, excellent for use in kitchens, laundries and healthcare where your hands are often full and hygiene is a priority
ACPAC003 PDL SWITCH 	Pack includes: <ul style="list-style-type: none"> - PDL switch kit x 2 - Spring return switch x 2 - Pre wire of above components 	Classic light switch style activation allows for discreet placement that can match the style of existing switches elsewhere in your building
ACPAC004 WC TOILET 	Pack includes: <ul style="list-style-type: none"> - 22mm backlit red/green/blue LED x 4 - 1x red push button - 2x green push button - 3 position key switch x 1 - W/C outside indicator panel x 1 - W/C inside indicator panel x 1 - Pre wire of above components 	Suitable for commercial installations. Additional activation plate variations available - please contact CS for specifications.
ACPAC005 P/BUTTON ACCESS 	Pack includes: <ul style="list-style-type: none"> - Heavy duty push buttons x 2 (choose black, red or green) - Push to open s/steel plate x 2 - 3 position key switch + s/steel plate x 1 - Locking or non locking functionality - Pre wire of above components 	 Heavy duty push buttons are perfect for use in areas that see a lot of pedestrian traffic, sturdy design keeps your activation safe in a public setting
ACPAC006 PIEZO BUTTON (2 off) 	Pack includes: <ul style="list-style-type: none"> - Illuminated piezo (red/green) x 2 - PDL mounting plate x 2 - 5m plug and play cable x 2 - Pre wire of above components 	22mm Piezo touch sensitive buttons with chrome surround and customizable bi-colour LED indicator ring, perfect for a wide range of stylish applications.
ACPAC008 OVERHEAD SENSOR 	Pack includes: <ul style="list-style-type: none"> - Overhead sensors x 2 - 3 position switch + s/steel plate x 1 - Locking or non locking functionality - Pre wire of above components 	Functional and practical, overhead sensors are a mainstay for many auto door solutions

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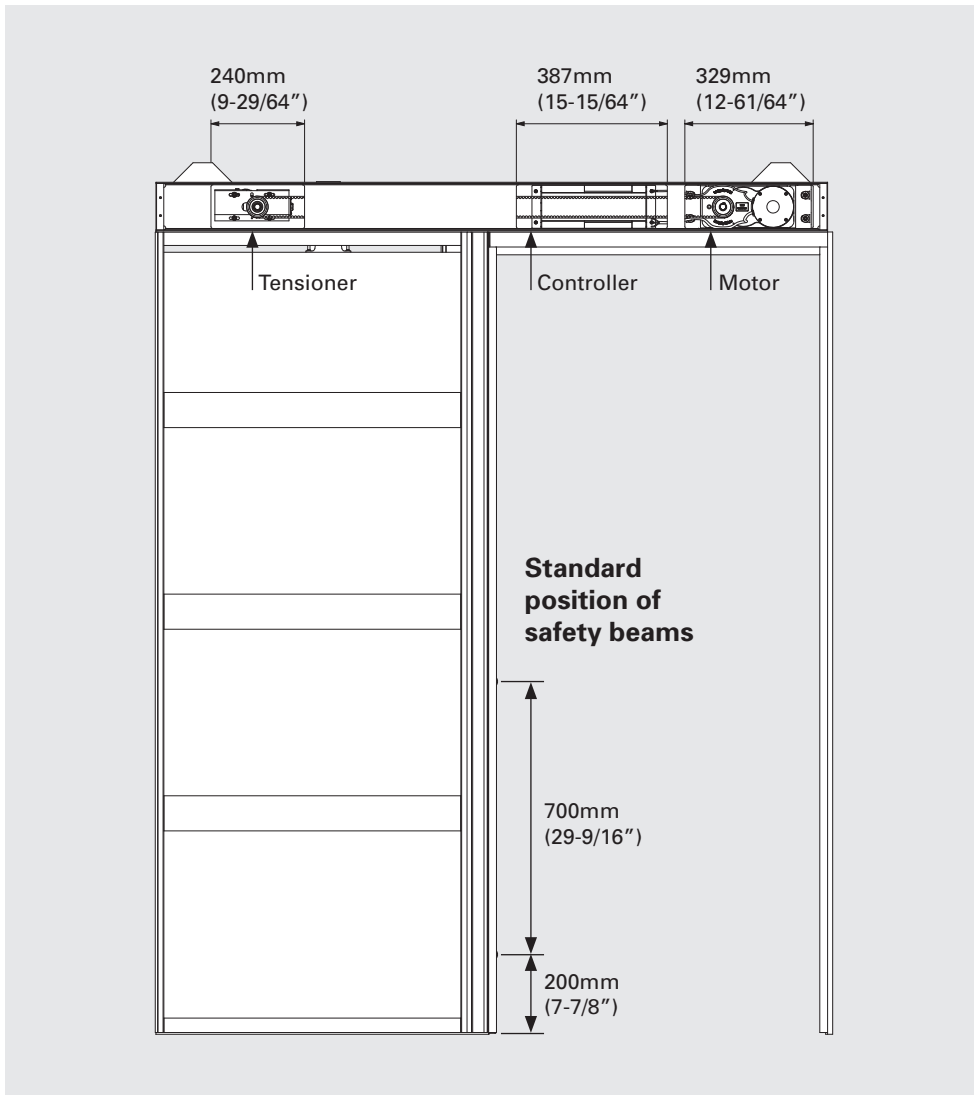
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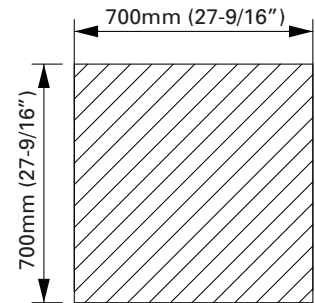


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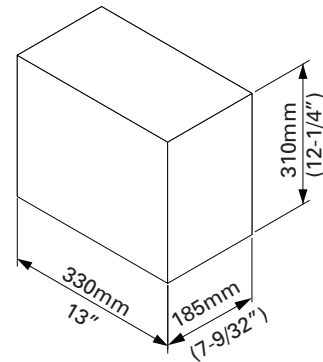


Access Hatch

Power Supply + Backup Battery to be mounted NO further than 5 meters (16 feet) from motor (preferably in ceiling). Access to unit must be allowed for via access hatch in ceiling. Access hatch should be no smaller in size than 700 x 700mm (27-9/16" x 27-9/16").



Uninterruptable power supply (includes backup battery)



Access is required for drive bar, motor and associated components.

Please note that in some cases the motor and drivebar/idler pulley positions are reversed

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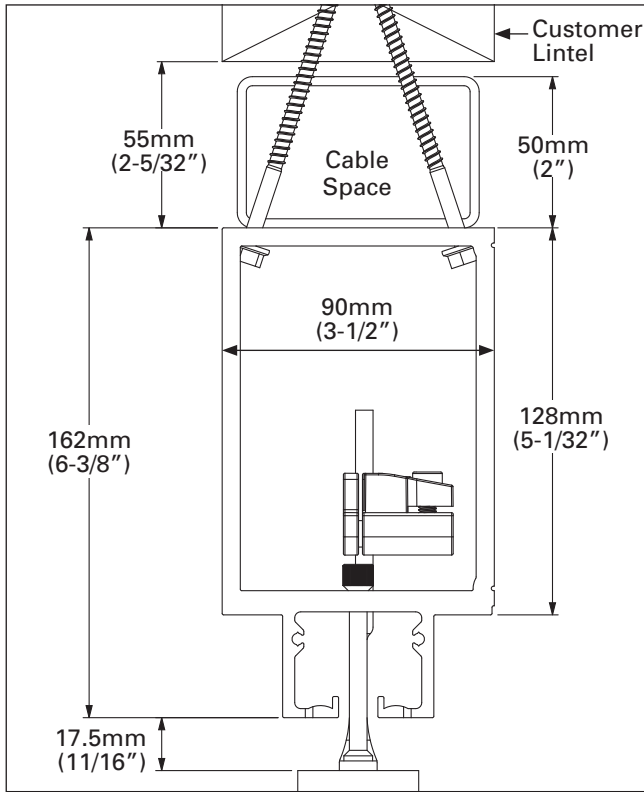
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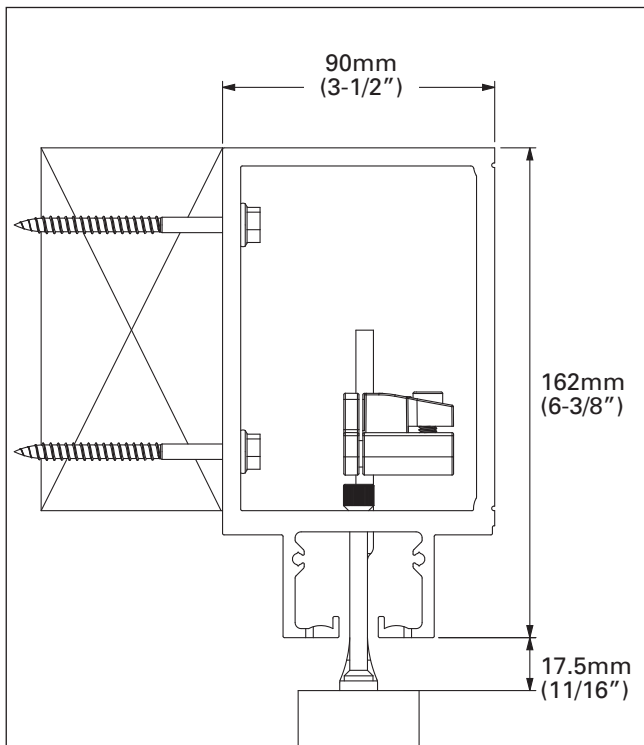


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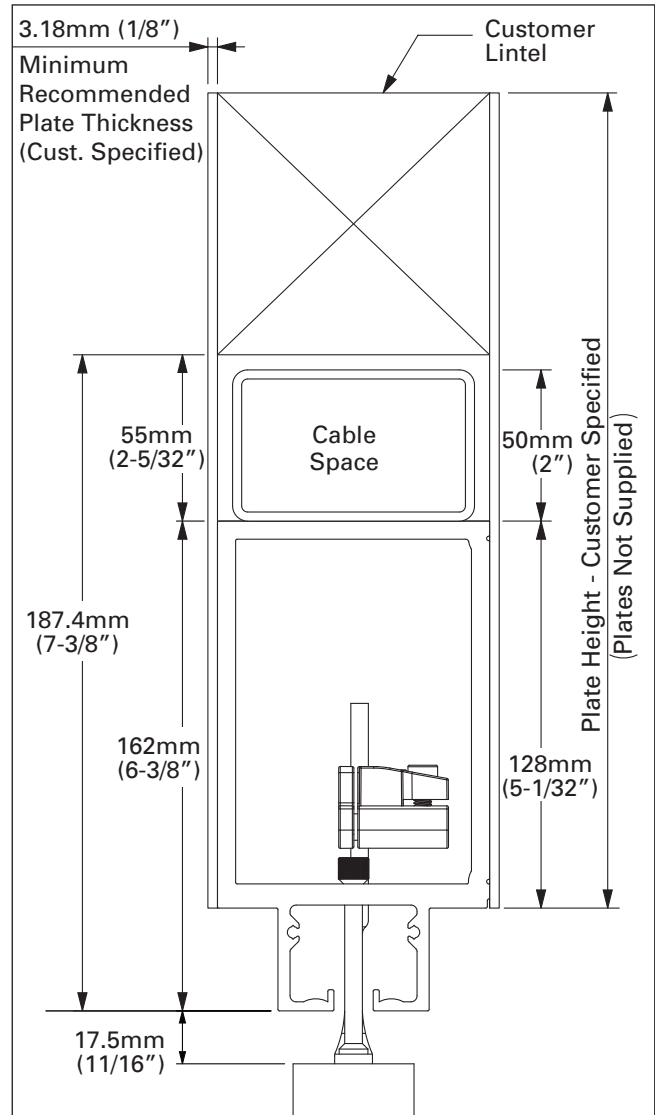
Option 1 - Top Mount



Option 2 - Wall Mount



Option 3 - Heavy Weight Fixing



1/8" (3mm) plates (not supplied) are fixed to the sides of the auto head walls. These extend above the auto head to be mounted into the sides of the lintel. The channel side of the head has a plate that runs the full length of the track. The access panel side is split around the access points into smaller plates. Plate height can be specified to the customer lintel.

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