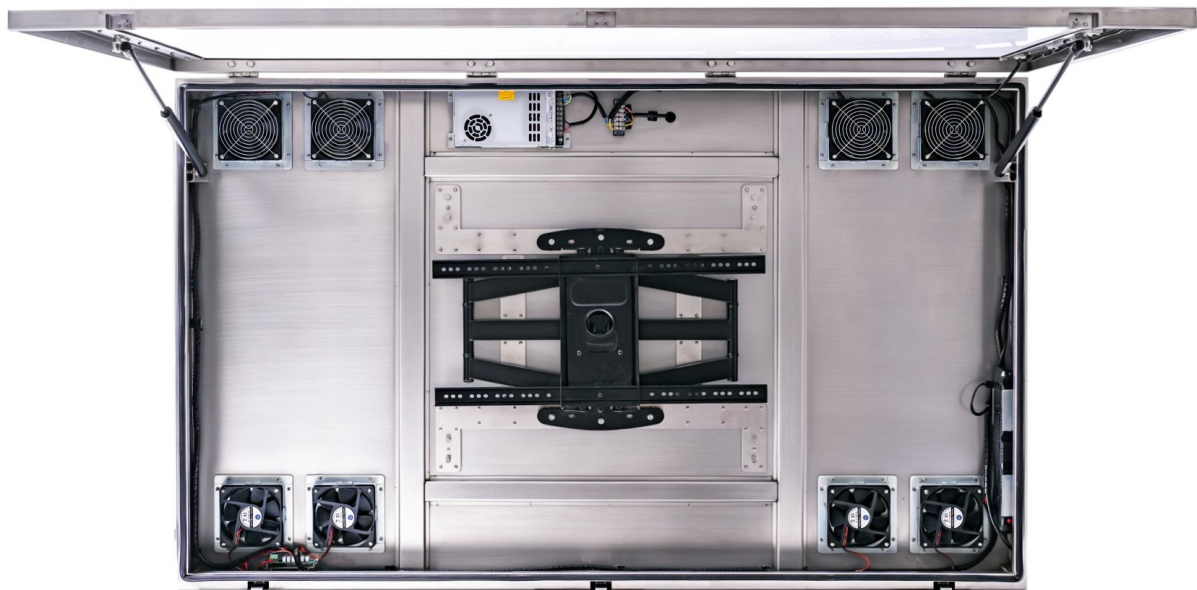


OCTOPUS TV ENCLOSURES / INSTALLATION GUIDE

INSTALLATION GUIDE

PRO / ENTERPRISE / STAINLESS 316 / ANTI-LIGATURE / OVERLAY KIT



READ BEFORE INSTALLATION

Start with the product selector on page 2. Follow the mounting route for your model, then the shared TV-installation steps where applicable. Scan or click the video codes for extra guidance.

Reference photograph: Stainless 316. Product features and installation methods vary by series. Use the exact model drawing, packing list and bracket manual supplied with your enclosure.

START WITH YOUR MODEL

Octopus TV Enclosures supplies five product families. Select your product below before following any mounting instructions.

PRODUCT	MOUNTING METHOD / KEY DIFFERENCE	START
Pro Series	External wall bar. No gas struts: support the open door throughout installation.	Page 6
Enterprise Series	External wall bar. Gas-strut-supported door; check clearances.	Page 5
Stainless 316 Series	Same installation sequence as Enterprise Series. Confirm the supplied configuration.	Page 5
Anti-Ligature	Indoor use only. Flat back plate fixed to the prepared backing; no external horizontal wall bar.	Page 7
Indoor TV Overlay Kit	Indoor use only. Follow the dedicated installation video.	Page 8

YOUR INSTALLATION ROUTE

Prepare: pages 3-4. Follow your model mounting page: 5, 6 or 7.
Then: viewing window (9), Installing Your TV (10), power and features (11), final checks (12).
Overlay Kit: go directly to the video on page 8.

REFERENCE	PAGE
Tips & Tricks + gas-strut removal video	13
Portrait & Landscape Orientation	14
Switching Between IP65 and IP56	15
Quick help + All guides & videos	16

Feature rules: Pro has no gas struts or built-in IR repeater and uses single-speed fans. Apply thermostat and IR instructions only to models fitted with those features. Portrait conversion and vent changes are not universal across the range.

OCTOPUS TV ENCLOSURES / INSTALLATION GUIDE

BEFORE YOU BEGIN

CHECK THE MODEL FIRST

Confirm the enclosure model, TV dimensions, TV weight, VESA pattern and bracket rating. The Enterprise reference guide states a maximum TV depth of 80 mm; confirm the limit for your model. Use the supplied dimension sheet to confirm all other clearances.

Choose the location

Install under a shroud, cover or equivalent shelter. The source guide does not recommend direct sunlight and states that direct-sun installations void the manufacturer's warranty. Ask Octopus to confirm the applicable warranty terms for your product.

Understand the protection

Check the rating for the supplied model and vent configuration. Ratings do not mean complete waterproofing or immunity to impact. See page 15 for interchangeable vent options.

Plan a supported lift

Use at least two people, with additional people or lifting equipment appropriate to the size and weight. Support the enclosure and door throughout installation. Confirm the wall and fixing system can support the complete installed load.

Keep cooling available

During normal use, keep the enclosure power on so any fitted cooling system can operate even when the TV is off. Monitor the internal temperature. Isolate power before servicing or handling electrical components.

Protect the enclosure

Avoid unauthorised modifications. Any approved cable penetration must be downward-facing on the underside, using suitable sealed cable glands and sealant. Keep ventilation paths clear. Confirm any drilling with Octopus before work.

The source guide excludes warranty cover for items placed inside the enclosure and does not guarantee against overheating. Confirm current terms with Octopus before customer release.



WATCH BEFORE YOU START

Enterprise enclosure overview - 50-inch example. Follow the instructions for your actual model.

[Scan or click to open](#)

OCTOPUS TV ENCLOSURES / INSTALLATION GUIDE

UNPACK & CHECK THE KIT

Use the model packing list. The kit below describes the proposed Enterprise/Stainless pack; do not assume that every series includes these items. Pro, Anti-Ligature and Overlay contents follow their own packing lists.

ITEM	PACKING REQUIREMENT
TV-side AV bracket	1 assembly, including the standard pair of vertical mounts. Packed separately from the enclosure; fitted to the TV by the installer.
External wall bar	Enterprise/Stainless and Pro only: separate wall bar and fixing pack. Not used on Anti-Ligature or Overlay.
Spare cooling fans	2 fans, matching the installed fan specification and connectors.
Keys and spare lock	2 key sets and 1 spare latch lock. Verify key compatibility.
TV fixing pack	Approved TV/bracket screws, washers and spacers for the supplied mount.
Locking / removal tool	1 long tool for the rear anti-lift locking mechanism.
Interchangeable vents	Where supplied: labelled IP56 vent panels. Check the model packing list for quantity; see page 15 before changing vents.
Documents	This guide, the correct AV bracket manual and the model-specific enclosure dimension sheet.
Extra 800 mm verticals	1 additional pair for 65, 75, 86 and 100-inch models only. No extra pair for 32, 43, 50 or 55-inch models.

Packing proposal: verify the final bill of materials before release. Standard vertical length depends on the supplied bracket; the S8 example uses 400 mm verticals. Do not count the standard pair twice when supplied on the TV-side assembly.

ENTERPRISE & STAINLESS 316



External horizontal wall bar - separate from the TV bracket.

Long tool engages the rear anti-lift locking mechanism.

01 Fix the external wall bar

Use the model-specific drawing to locate the wall bar. Check level with a long spirit level. Select fixings for the actual wall substrate and complete installed load; supplied anchors are not suitable for every wall.

02 Hang and secure the enclosure

With sufficient assistance, engage the enclosure onto the wall bar according to its mounting instructions. Use the long locking tool to engage the rear anti-lift mechanism. Check full engagement and security before releasing the lift.

03 Check stability

Confirm the enclosure is secure and stable. Check full engagement, retaining fixings and level. If movement is present, stop and seek a model-specific fixing detail before drilling.

Do not infer fixing sizes, hole positions, anchor capacities or tightening torques from these photographs. Use the approved wall-bar instructions and dimension drawing.

OPEN THE DOOR WITH SUPPORT

Unlock and lift the front door with assistance. Check that gas struts and hinges are secure. Keep the door supported during removal or servicing. Gas-strut removal video: page 13. Continue to pages 9-12 for preparation, TV installation and commissioning.

OCTOPUS TV ENCLOSURES / INSTALLATION GUIDE

PRO SERIES

External wall-bar mounting / door must be supported

PRO SERIES TV ENCLOSURE

INDOOR / OUTDOOR

Wall Installation Guide

1 Remove the wall mounting bar
 

Remove horizontal bar from enclosure.

2 Select the wall fixing

Gyprock + studs


Use a stud finder to locate studs.
Structural screws into timber studs.

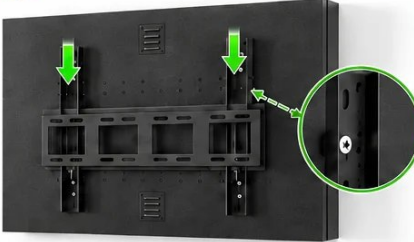
Brick


DynaBolts / suitable Hilti masonry anchors.

Concrete


DynaBolts / suitable Hilti masonry anchors.

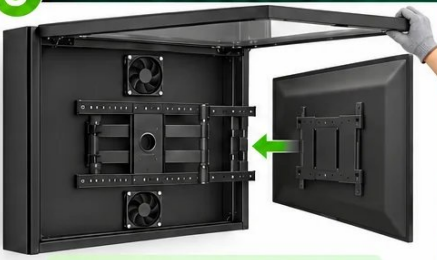
Structural ply only if required. No MDF.

3 Hang and secure enclosure
 

Engage both hooks; secure retaining fixings.

4 Open door to 90°
 

Support the door while open. Pro Series has no gas struts.

5 Extend bracket and mount TV
 

Use the matching internal bracket guide.

6 Retract TV, close and secure
 

Keep cables clear of hinges and seals.

INTERNAL TV BRACKET GUIDES

Select the guide for the bracket supplied with your enclosure.

32–50 inch

55–75 inch

86–110 inch

Select anchor type and size for the wall substrate and total load; follow anchor manufacturer instructions.
Installation Guide

[Click the illustration to open the full-size guide.](#)

NO GAS STRUTS - SUPPORT THE DOOR

Open the door to 90 degrees as illustrated and hold it securely while working. Do not leave the door unsupported. Arrange enough assistance to support the door and handle the TV safely.

Remove the external horizontal bar, fix it to the suitable wall structure, then hang and secure the enclosure. Use substrate- and load-appropriate fixings. Structural plywood only if required; no MDF. Follow the anchor manufacturer instructions.

Continue to pages 9-12. Select the video by the actual internal bracket model, not screen size alone. Pro uses single-speed fans and has no built-in IR repeater or thermostat.

OCTOPUS TV ENCLOSURES / INSTALLATION GUIDE

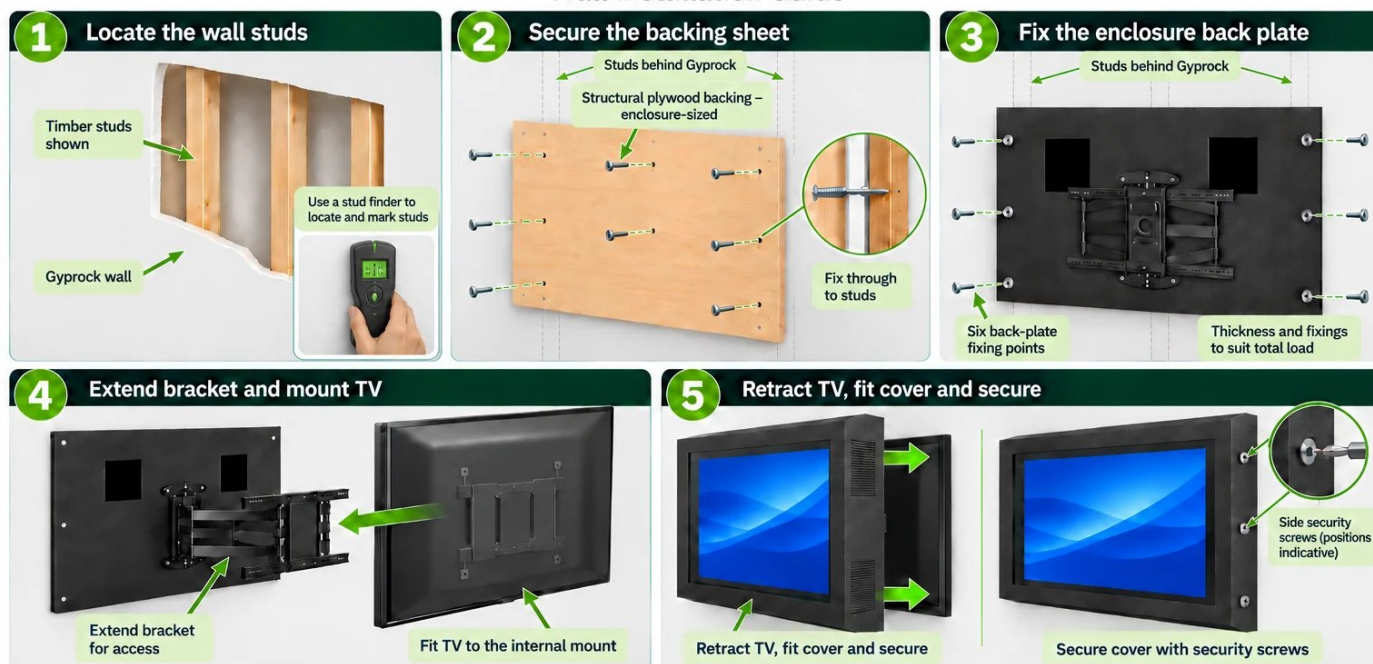
ANTI-LIGATURE

Indoor use only / direct back-plate mounting / no external wall bar

ANTI-LIGATURE TV ENCLOSURE

INDOOR USE ONLY

Wall Installation Guide

**BACKING MATERIAL — SELECT FOR THE INSTALLATION**

Structural plywood: select grade, thickness and fixings for the combined TV and enclosure weight, including the extended bracket load. Bunnings listed thickness options: 9, 12, 15, 17 and 21 mm. Select the specification for the installation. Do not substitute MDF or non-structural ply without confirming suitability for the mounting load.

Reference: Bunnings STRUCTAply Structural CD Grade range • Stock varies by store

Installation Guide

[Click the illustration to open the full-size guide.](#)

For the illustrated stud-wall method: locate and mark studs, fix an enclosure-sized structural plywood backing sheet to the studs, then secure the flat enclosure back plate at its specified fixing points. This system does not use an external horizontal wall bar.

Select structural plywood grade, thickness and fixings for the combined enclosure and TV load, including the extended bracket. Do not substitute MDF or non-structural plywood. For other wall types, obtain the correct mounting detail.

Extend the internal bracket and fit the TV using page 10. Retract it, fit the front cover and secure the side security screws. The six back-plate fixings and side screw positions shown are illustrative: follow the actual model drawing. Complete the applicable checks on page 12.

OCTOPUS TV ENCLOSURES / INSTALLATION GUIDE

INDOOR TV OVERLAY KIT

INDOOR USE ONLY

Scan the code below, or click it in this PDF, to open the Indoor TV Overlay Kit installation video.



WATCH THE OVERLAY KIT VIDEO

<https://youtu.be/bmo1WB3jLdc>

Use the dedicated video for this product. The enclosure wall-bar, back-plate, cooling and gas-strut instructions in this booklet are for other product families.

PREPARE THE VIEWING WINDOW



Protective film still fitted.



Viewing panel after protective film removal.

Remove the protective film

Remove the outer film by hand. Locate the inner film edge near the IR corner and peel gently. The panel has a matt finish; protective film can make it appear frosted.

If the inner film is trapped

Do not force the film or score the viewing surface. The original guide describes a blade cut along the frame edge. A model-specific, manufacturer-approved procedure is required before using a blade near the polycarbonate or seal.

Clean the panel

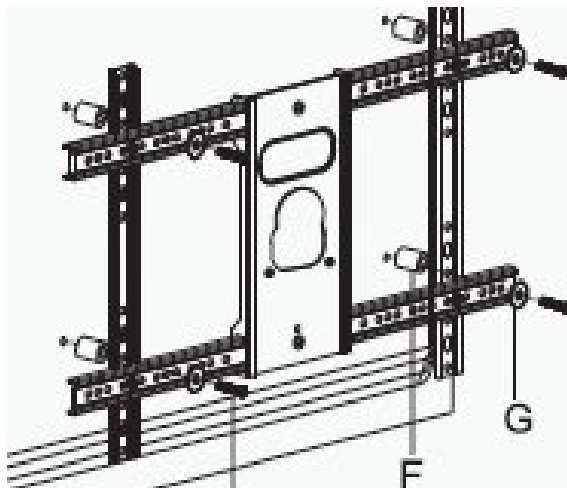
Use a clean, soft microfibre cloth and water. Do not use abrasives, ammonia-based products or household glass cleaner such as Windex. Verify any cleaner with Octopus before use; the original guide mentions alcohol, but compatibility must be confirmed for the panel coating.

PROTECT THE SEAL

Keep the perimeter seal clean and undamaged. Check that no film, cable, packaging or debris is trapped between the door and enclosure.

OCTOPUS TV ENCLOSURES / INSTALLATION GUIDE

INSTALLING YOUR TV



TV-side bracket reference supplied for the new accessory pack.

Attach the bracket to the TV

Fit the detachable centre bracket and standard vertical pair to the TV using the exact bracket manual and TV manufacturer's instructions. Use approved screws, spacers, engagement depth and tightening requirements.

Connect to the internal mount

With assistance, attach the TV-side assembly to the enclosure's internal articulating mount. Fit and check every specified retaining fastener. Verify secure engagement before releasing the TV.

VESA ALIGNMENT

If the TV holes are offset or the bracket does not align, stop and obtain an approved bracket configuration. Do not omit required VESA fixing points. Use all fixing points required by the TV and bracket manufacturers.

In the proposed Enterprise/Stainless kit, an extra pair of 800 mm verticals is packed with 65, 75, 86 and 100-inch models. These are alternatives for an approved compatible arrangement, not a direction to fit both pairs together. Confirm compatibility, TV weight and hole pattern before use.

WATCH THIS STEP: select the guide for your TV size below, then confirm the model marked on the supplied bracket. Videos supplement the printed bracket manual.

KLC-X5

For 32-50 inch TVs



Scan or click to watch

S8

For 55-75 inch TVs



Scan or click to watch

NX100

For 86-110 inch TVs



Scan or click to watch

OCTOPUS TV ENCLOSURES / INSTALLATION GUIDE

POWER, COOLING & IR



Switch on the individual power-board outlets as required.



Controller reference from the original guide; hardware may vary.

Connect power

After mechanical installation and cable checks, connect the enclosure to the appropriate power outlet. Turn on the required power-board outlet switches; the illustrated board uses blue indicator lights. Keep cables clear of fans, hinges, struts and the door seal.

Check cooling

Pro: check its single-speed fans. For a fitted variable-speed controller, the Enterprise source gives a 25°C start setting; fans may stop below it. Verify your actual controller. Its setpoint is not the TV operating limit.

Optional controller adjustment

Only use the instructions for the fitted controller. The source describes a centre button cycling current temperature, L and H; + / - adjust L or H; the centre button saves/exits. Its stated adjustment range is 20-60°C. Isolate power before accessing internal parts; do not remove a controller while energised.

Position and test the IR repeater

Apply only where IR is fitted (Enterprise/Stainless configuration). Pro has no built-in IR repeater. Route the emitter towards the TV's IR receiver, secure it with suitable double-sided tape and keep the cable clear of moving parts. Position varies with the TV. Test with the door closed; the illustrated module shows green when powered.

OCTOPUS TV ENCLOSURES / INSTALLATION GUIDE

ALIGN, CLOSE & HAND OVER

Set the viewing clearance

Gently close the door without locking it. Adjust the articulating mount so the screen sits approximately 10 mm behind the viewing window, as recommended in the source guide. Ensure the TV never contacts the window, struts or door hardware.

Check the gas-strut clearance

Enterprise/Stainless only: if a strut touches the TV bezel or frame, stop and correct the arrangement. The source allows strut removal, but the door must then be manually supported. Obtain an approved model-specific procedure before removal.

Close and lock

Pro: support the door until closed. Enterprise/Stainless: close evenly without forcing. Anti-Ligature: fit the cover and tighten its security screws per the model instructions. For latch-equipped models, Engage each latch while turning its key, following the fitted lock's operation. Remove the keys and confirm the door is fully secured and the seal is seated evenly.

FINAL CHECK	CONFIRM
Mounting	Wall bar, enclosure anti-lift lock and TV retainers secure.
Clearances	TV, cables and struts clear of the viewing panel and door.
Cooling	Fans seated, vents clear and controller operation checked.
Operation	TV picture and remote control tested with the door closed.
Handover	Keys, long removal tool, spare parts and all documents retained.

AFTER INSTALLATION

Keep enclosure cooling power available during normal use. Monitor temperature for the installation conditions. Isolate power before maintenance. Contact Octopus if moisture, abnormal heat, loose mounting or damaged seals are observed.

OCTOPUS TV ENCLOSURES / INSTALLATION GUIDE

TIPS & TRICKS

Keep the door supported

Pro has no gas struts. On Enterprise/Stainless, support the door before disconnecting a gas strut or removing the door. Keep hands clear of hinges and pinch points.

Inspect before powering up

With power isolated, check fans, connectors and cable routes after transport. Re-seat magnetic assemblies only if that mounting system is fitted.

Improve the picture

Remove both protective films and adjust the approved TV position near the viewing window without contact. Use a soft microfibre cloth and water.

Check remote control alignment

Where an IR repeater is fitted, aim the emitter at the TV receiver and secure it with suitable tape. Test with the door closed.

Keep cooling available

Leave enclosure cooling powered during normal use, including while the TV is on standby. Isolate power for servicing.

Keep the enclosure upright

The current support page says the internal articulating mount is not intended for a tilted enclosure. Keep the installation parallel to the wall; confirm any special mounting arrangement with Octopus.



GAS-STRUT REMOVAL VIDEO

Need to remove the gas struts? Scan for the Shopify-hosted video. Support the door throughout removal. Not applicable to Pro.

[Scan or click to open](#)

Use only the procedure that matches your fitted strut connector. Keep the long rear-locking tool, spare keys and manuals for future servicing.

OCTOPUS TV ENCLOSURES / INSTALLATION GUIDE

PORTRAIT & LANDSCAPE

ROTATING THE ENCLOSURE TO PORTRAIT MODE

Confirm portrait compatibility for your exact model first. Pro is landscape-only. The following website instructions are reproduced as requested for compatible configurations; IR and handles apply only where fitted.



Landscape mode (default)

- Logo aligned to the bottom centre.
- Rear carry handles on the top left and top right.
- Power supply & power board mounted on the right-hand side.
- Locks positioned on the underside of the enclosure.
- IR receiver at the bottom left for easy remote control access.
- TV installed left-to-right in standard landscape orientation.

Portrait mode

- Rotate the enclosure to the right-hand side (clockwise).
- Logo now appears on the right side.
- IR receiver moves to the bottom right.
- Power supply & power board move to the top of the enclosure.
- Power supply & power board must always be off the floor of the enclosure — positioned east or north, never bottom.
- Portrait mode is typically used for advertising and digital signage.



ORIENTATION INSTRUCTIONS

Scan for the website instructions. Scroll to Portrait & Landscape Orientation.

[Scan or click to open](#)

All enclosures are shipped in landscape mode by default. Confirm the power-system position and approved mounting detail before converting. Colours in the reference image have been adapted for this guide.

OCTOPUS TV ENCLOSURES / INSTALLATION GUIDE

SWITCHING IP65 / IP56

FOR MODELS WITH THE INTERCHANGEABLE VENT SYSTEM



CONFIGURATION	IDENTIFY THE PART	PURPOSE
IP65 arrangement	Solid cover / vent block	Factory configuration described on the website.
IP56 arrangement	Labelled louvred vent panel	Replacement supplied in applicable spares packs to increase airflow.

Before changing panels

Check the model label and approved vent arrangement. The website allows some or all vents to be changed, but the permitted combination and resulting rating must match your model documentation.

Keep openings facing down

Fit the approved replacement panels using the model procedure. In landscape, openings face downwards. After any approved portrait conversion, check their orientation again so drainage still faces down.

Check panel seating, seals and fixings before use. Keep removed panels for reinstatement. Do not assume a replacement plate alone establishes the rating of the complete installation. No torque or fastener specification is inferred from the image.



VENT CONFIGURATION GUIDE

Scan and scroll to Switching Between IP65 and IP56. Confirm model applicability before making changes.

[Scan or click to open](#)

OCTOPUS TV ENCLOSURES / INSTALLATION GUIDE

HELP & ALL VIDEOS

Keep this page with your installation documents for quick troubleshooting and access to the online guides.

QUICK HELP	CHECK FIRST
Fans stopped	Power, outlet switches and controller start temperature.
Remote not working	IR power, emitter alignment and tape adhesion.
Hazy picture	Protective film and screen-to-window clearance.
Door will not close	TV position, cables, struts and latch alignment. Do not force.
Enclosure moves	Stop use; arrange inspection of the mounting.



ALL GUIDES & VIDEOS

Scan or click for the online installation hub, including orientation and ventilation guidance.

[Scan or click to open](#)

Technical support: 0488 009 001 | sales@octopustvenclosures.com.au
www.octopustvenclosures.com.au/pages/install-guides

Review draft V5. Source: supplied V1.2 manual and Octopus installation webpage, checked 14 October 2026. Model applicability, mounting details, ratings and vent-kit contents require technical sign-off before customer printing. Include the exact AV manual and dimension sheet in the document sleeve.