

Ligature Resistant Protective TV Enclosure

Specifications and Maintenance Instructions

#TE540



These enclosures are designed to be mounted around a previously mounted TV. They are available for screens from 15"–98", and custom sizes are available. They are not watertight, they are designed to prevent access and damage to the TV. The units are made a little bigger than the TV height and width based on the size of the TV. They are constructed from strong, black anodized aluminum extrusion, ABS, and Polycarbonate. The rounded corners and rounded edges provide for a very nice appearance, as well as a crucial safety feature. Our enclosures include two cooling fans. If your TV has a spare USB port, it should power the fans and turn them off and on with the TV, otherwise a USB power supply has been included. Three different type ports can be provided (HDMI, USB, and 3.5mm stereo port) that can be flush mounted into the perimeter panels. These ports are all female on both sides, and are simply through ports, so the customer will need to supply the cables to interface from the TV to the ports. You will need to tell us how far from the wall the front of the TV projects, including the extra depth if the TV is tilted. The enclosure will then be fabricated to those dimensions.

Specifications

Frame:	1" quarter round black anodized aluminum extrusions with two 1/4" slots.
Corners:	Molded nylon black corners with 3 holes for 1/4"-20x3/4" screws with a secured polycarbonate cap to cover screws. The corners are rounded with no sharp edges. Each corner has a polycarbonate cap to cover the corner screws with a recessed pin-head Torx tamper resistant screw for fastening to the corners.
Sloped Top:	22 degree sloped top prevents ligature or looping.
Mounting Feet to Wall:	6 Aluminum angle black anodized.
Frames Screws:	1/4"-20x3/4" low head black oxide button head allen screws.
Sides/Top/Bottom Material:	1/4" thick black satin ABS (Polycarbonate option).
Front:	1/4" thick optical grade Polycarbonate.
Fans:	2 USB 5V powered fans with slotted holes located in the sloped top. Size varies based on the depth of the unit. All provide adequate cooling for any TV. CFM can be provided before order placement once depth is determined if necessary. Can be plugged directly into USB port on TV or into the supplied power adapter.
Power:	120v–5v wall transformer rated at Input 120V.15A; Output 5vDC .5A.
Fuse:	5x20mm .5A 250V
Ventilation:	6 patterns of 3/32" ventilation holes (2 in sloped top, 2 in top of enclosure, and 2 in bottom of enclosure).
Side Blocks:	2 side blocks to fill gap in sloped top corners with 2 security screws. A black silicone tube is shipped with each enclosure to seal corner blocks.
Cleaning:	Brilliance cleaning kit included with each enclosure.

Cleaning the TV Enclosure

The continued optical clarity of the TV Enclosure depends on how you care for it. The TV Enclosure should be cleaned with clean, lukewarm water or a good plastic cleaner and a micro fiber cloth (like the included Brilliance cleaning kit). DO NOT use window-cleaning products that contain ammonia or alcohol as they will haze the TV Enclosure over time. Also DO NOT use any paper products to clean the screen as they will scratch the plastic.