



HOWLO

(the bracket people)

Howlo All Weather Outdoor 55" (Fully Certified)

For several years we have wanted to get an IP rating for our outdoor units. The recurring problem over the years has always been that we could not find a testing facility that could handle such large enclosures.



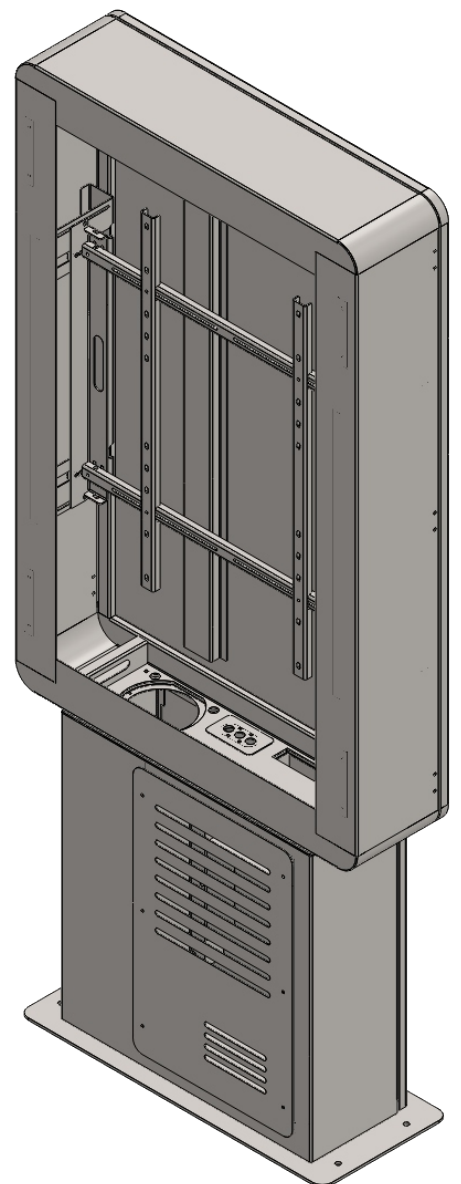
We found a testing facility in Centurion that could test our boxes. To get the unit into the testing chamber the air-conditioner had to be detached.

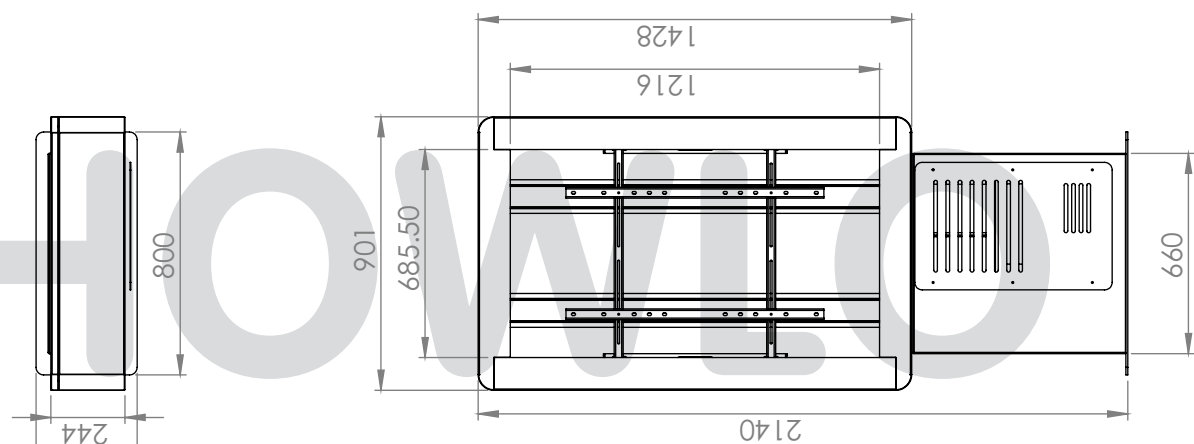
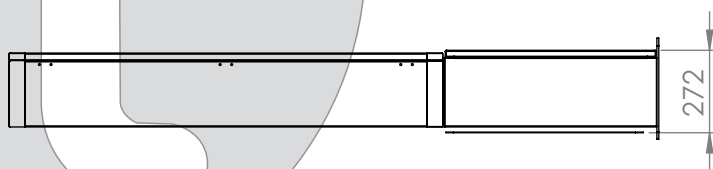
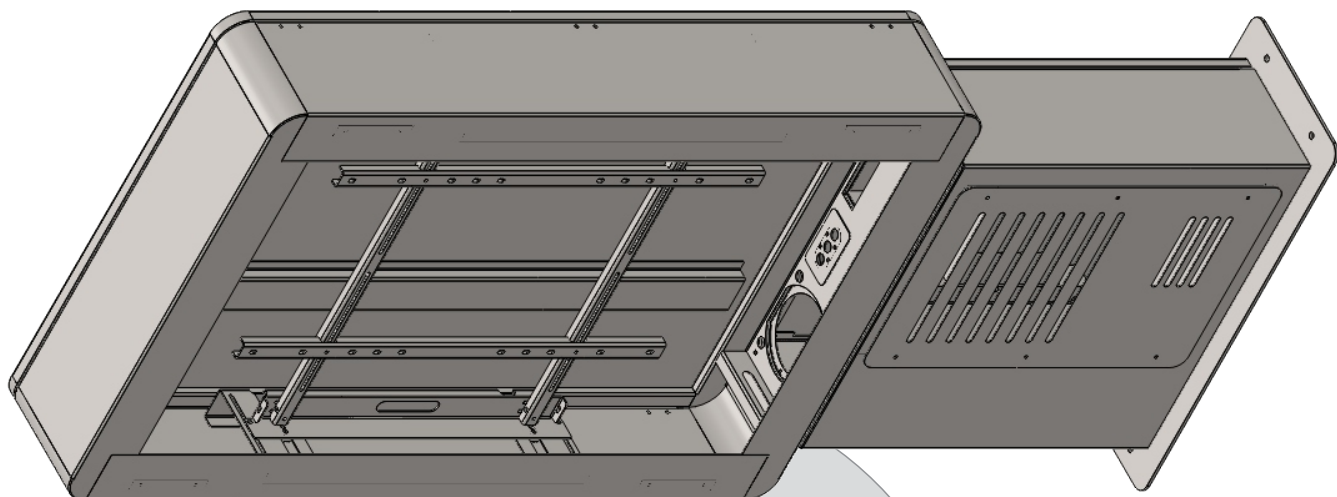
Howlo All Weather Outdoor 55" has IP65 certificate tested sans air-conditioner.

The air-conditioner has a cooling capacity of 800w and is IP55 rated. This is several times greater than the capacity needed. Keeping the interior of the box at an even temperature and positive pressure makes negative environmental ingress near impossible. Protection of the cooling system is central to the design.

It has been placed in its own chamber with pressed louvered slots. This protects the air-conditioner from accidental knocks, tampering and the immediate environment. The heat exchange surface is kept separate.

The cool side is on the inside and the warm side is on the outside.





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