

Press information

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**Hammond’s new IP68 heavy duty flanged die-cast aluminium enclosures**

Hammond has introduced the IP68 [1550ZF range](https://www.hammfg.com/electronics/small-case/diecast/1550zf), flanged versions of all 18 sizes in the well-established 1550Z rugged thick wall heavy duty die-cast enclosure family. The full-size flange is spot-welded to the base to give a very strong and smooth mounting plate for use when the units are secured to a surface.

The 18 sizes range from 50mm x 45mm x 30mm to 223mm x 147mm x 83 mm, with the lids thickness ranging from 5mm to 33mm in depth depending on the size. The tongue and groove design and a pre-formed one-piece silicone rubber gasket gives the IP68 environmental protection so the enclosures are ideal for installation in environments where dust and water will be present.

They are UL and cUL Listed and have been independently tested to IP66, IP67 and IP68 and they are also rated to NEMA Type 4, 4X, 12 and 13. All sizes except the smallest have an impact rating of IK08, defined in IEC 62262 as the equivalent to the impact of a 1.7kg mass dropped from 300mm above the impacted surface.

Depending on the size, the lid is secured to the base with either two, four or six stainless steel Philips machine screws located outside the gasketed area, giving repeated access without degrading the environmental protection. They are available in a natural finish or with a tough polyester black powder finish to both the outside and inside of the enclosure. Clear areas in the painted versions are provided around the grounding points.

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**Notes to Editors.**

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Hammond is one of the world’s leading manufacturers of small plastic, die-cast and metal enclosures for use in the electronics, industrial and electrical industries.