

HD Enclosure Ranges

CONNECT AND PROTECT

Sanitary system specification



Hygienic Design Wall mounted enclosure, HDW range
Example Catalog Number: HDW0776121



Hygienic Design Terminal Box, HDTB range
Example Catalog Number: HDTB304012



Hygienic Design Wall Mounting Brackets, AWHD range
Example Catalog Number: AWHD050



Hygienic Design Replacement Blue FDA-Grade
Silicone Gasket

Enclosures installed in food/beverage contact or processing areas shall adhere to the following requirements:

- Must be IP69 rated to IEC 60529 standard for equipment protection and UL classified
- Enclosure body must be manufactured from 1.5 mm Type 304 Stainless Steel with a 400 grit dairy surface finish for better surface protection from bacteria and corrosion
- Gasket material on door and locking mechanisms must be made of FDA-grade silicone material compliant with FDA guideline 21 CFR 177.2600 for food protection and be blue in color for easy detection by common vision systems
- Must have internally mounted hinges to reduce bacteria harboring catch points as well as reduce opportunities for premature failure due to corrosion
- Locking mechanisms and fasteners shall be of a crevice-free, convex shape on the external facing side to reduce opportunities for bacteria to be caught and harbored
- Locking mechanisms and fasteners shall be made completely of Type 304 or 316 Stainless Steel for any metallic components, and FDA-grade silicone for any non-metallic components
- Top of wall mounted enclosure must be sloped at an angle of 30 degrees and no surfaces should be sloped less than 3 degrees to ensure fluid run-off while also maximizing efficiency of enclosure footprint and back panel space

Additional recommendations:

- Enclosure shall be mounted utilizing IP69 rated sanitary wall mounting brackets such as nVent HOFFMAN's AWHD050 or AWHD300
- It is recommended to maintain minimum one replacement gasket on-hand per enclosure size for easy and quick replacement without compromising protection of electrical components inside the enclosure, for example replacement gasket HDWG7761B for enclosure HDW0776121

For more product information and specifications please visit: [HOFFMAN.nvent.com](https://www.hoffman.nvent.com) and search for "HD".