

SANITARY SYSTEM SPECIFICATION



HyShed Hinge Cover
Example Catalog Number: HSDH483616SS



HyShed Screw Cover
Example Catalog Number: HSDS070404SS



HyShed IP69(K) Sanitary Stand-off Kit



HyShed Replacement Blue
FDA-Grade Silicone Gasket

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

- Must be IP69(K) UL and cUL classified to IEC 60529 and rated to DIN 40050-9 standards for equipment protection
- Must have a 3-A Replacement Parts and System Component Qualification Certification for sanitary design verification
- Enclosure body must be manufactured from 14 gauge Type 304 Stainless Steel with a surface finish of #4 sanitary dairy finish for better surface protection from bacteria and corrosion
- Gasket material on door and latching mechanisms must be made of FDA-grade silicone material compliant with FDA guideline 21 CFR 177.2600 for food protection and be Pantone 287 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
- Latching 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
- Latching mechanisms and fasteners shall be made completely of Type 304 Stainless Steel for any metallic components, and FDA-grade silicone for any non-metallic components
- Top surfaces of enclosure body and door must be sloped at an angle no less than 10 degrees and no greater than 15 degrees to ensure fluid run-off while also maximizing efficiency of enclosure footprint and back panel space
- Enclosure body sides, bottom, and back surfaces shall be at 90 degrees angle to the front face of the enclosure to ensure proper conduit installation and seal at point of use, without requiring costly specialty components

Additional Recommendations:

- Enclosure shall be mounted utilizing proper weld-in-place installation or by utilizing IP69(K) rated sanitary standoff components such as nVent HOFFMAN's HSSOK2SS or HSSOK4SS
- 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 such as HSDS0704GSK or HSDH1616GSK, but for the appropriate size being used

For More Product Information and Specifications please visit:
HOFFMAN.nvent.com and search for "HyShed".