

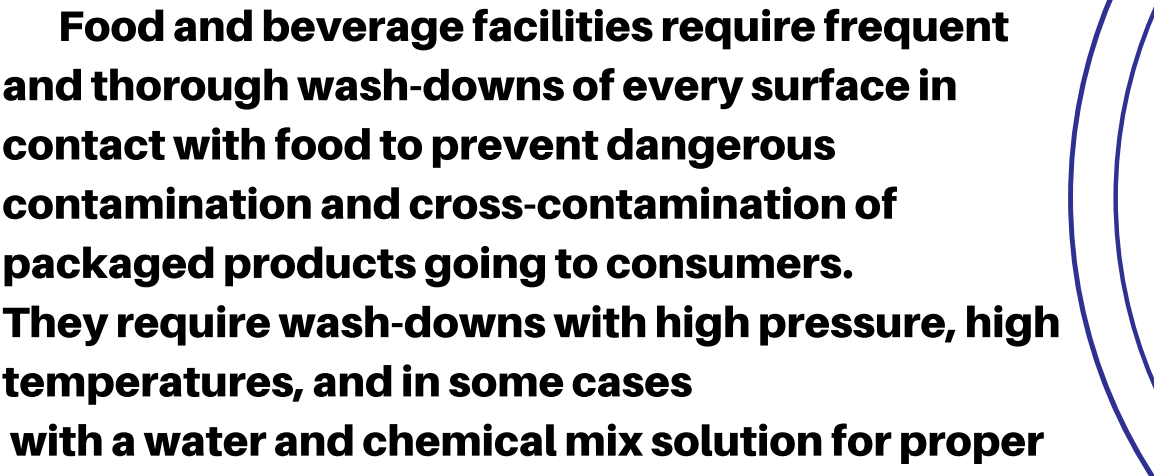
WHAT DOES THE IP69K RATING MEAN?

THE RATING'S NUMERICAL PORTION PROVIDES A REFERENCE TO THE TYPE OF INGRESS PROTECTION THE DEVICE PROVIDES. THE FIRST NUMBER REFERS TO THE INGRESS LIMITS FOR SOLIDS AND THE SECOND NUMBER REFERS TO INGRESS LIMITS FOR LIQUIDS.

- 6 - Full dust ingress protection is provided. There is no ingress of dust or solids and the unit is considered dust tight.
- 9K - High pressure and temperature water jets may be used. There is no liquid ingress at up to 1100 to 1450 PSI (80 to 100 bar) using close-range water jet pressure with water up to 80° C.
- The letter "K" refers to special testing with high-pressure water jets originally developed for road vehicles and later adopted by food, beverage, pharmaceutical, and other industries that require frequent wash-downs and sanitary conditions.



WHY USE IP69K RATED DEVICES?



Food and beverage facilities require frequent and thorough wash-downs of every surface in contact with food to prevent dangerous contamination and cross-contamination of packaged products going to consumers. They require wash-downs with high pressure, high temperatures, and in some cases with a water and chemical mix solution for proper disinfection. IP69K rated devices are a must to prevent damage to electronic devices and instrumentation during the wash-down procedures.

Pharmaceutical production and medical equipment manufacturing facilities all require clean and contaminant-free environments, instruments, and controls. Since IP69K devices prevent entry of solid or liquid contaminants, this ensures that no mold or bacteria may develop inside a device due to blood or other contaminants seeping into the device. In addition, these devices must be thoroughly cleaned and disinfected with solutions and cleaners without risk of seepage.

