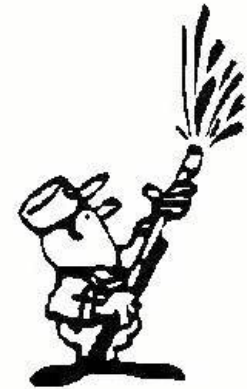


IP69K

What is IP69K?

The IP69K rating is for applications where high pressure and high temperature washdown is used to sanitize equipment.

The IP69K test specification was initially developed for road vehicles, especially those that need regular intensive cleaning (dump trucks, cement mixers, etc), but has been widely adopted in the Food & Beverage industries as a test of products to withstand sanitary washdown.



What does IP69K mean?

In the IEC 60529 rating system, IP6 refers to the product's ability to resist ingress of dust. The 69K refers to the product's ability to resist ingress of high temperature (Steam) / high pressure water.

How is the product tested?*

- Products rated to IP69K must be able to withstand high-pressure and steam cleaning.
- The test specifies a spray nozzle that is fed with 80 °C water at 80–100 bar (~1160-1450) and a flow rate of 14–16 L/min.
- The nozzle is held 10–15 cm from the tested device at angles of 0°, 30°, 60° and 90° for 30 seconds each.
- The test device sits on a turntable that rotates once every 12 seconds.

Industrial Safety Controls, Inc. -- P.O. Box 126 -- 4112 Sheridan Road -- Kenosha, WI 53141
(262) 652-8660 -- Fax: (262) 652-1388 -- E-mail: safetysensing@earthlink.net

**Official test results available on request*