

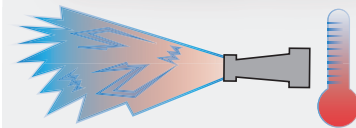
IP69

DUST TIGHT



HIGH TEMPS

STRONG JETS



The IP Code, International Protection Code, sometimes also interpreted as Ingress Protection Rating, classifies and rates the degree of protection provided against the intrusion of dust, and water in electrical enclosures. IP69 means complete protection against contact dust and protection against the effects of high pressure and high temperature water jets.

IP69 vs IP69K

The most general distinction is that IP69 testing is for equipment, like control panels or electrical equipment that is installed in areas that get washed (pharmaceutical manufacturing, industrial food packaging), IP69K is for equipment installed on road vehicles. The IP69K testing is meant to validate that the equipment installed in road vehicles can with stand very severe wash-downs with pressure washers.

TEST PURPOSE:

To determine the degree of protection against dust and directed high pressure high temperature spray. Unit tested in configuration used in actual use.

TEST PARAMETERS:

Angle: 0, 30, 45, 90 - For enclosures with the largest dimension equal to or greater than 250mm the enclosure shall be mounted in use and sprayed from all angles.

Distance: 175mm \pm 25mm from nozzle to the sample

Temperature: 80°C \pm 5°C

Pressure: 0.9 to 1.2n on 30mm disc

Rotation: NA sample is over 250mm

Duration: 1min/m² with a minimum of 3 minutes

Flow Rate: 15 \pm 1 liter/min

SLP PRODUCTS THAT MEET IP69:

- All configurations of the [Citadel Round](#)
- All configurations of the [Citadel 4S](#).
- [Citadel 2](#) ONLY with Lineal Ribbed Lens, Stainless Steel Latches, and the SLP Vented Endplug.
- [Remote Box Enclosure](#)
- [CircLED Shroud](#)

Product offering and specifications subject to change without notice.