

THE IP69K STAINLESS-STEEL LCD ENCLOSURE

Description:

Safely and hygienically install a screen in heavy washdown environments. The IP69K enclosure protects an LCD/LED screen from high-pressure, high-temperature cleaning. Maintain the highest sanitation standards while improving productivity with KPI screens on your shop floor. Ideal for food and beverage processing, chemical manufacturing and other hygienic industries.

The IP69K rating allows intensive washdown at pressures of 80 to 100 bar, in phases of 14 to 16 l/min, and at temperatures up to 80°C/176°F. Hygiene-rated seals maintain their integrity during steam cleaning, and stainless-steel glands allow cables to enter the unit without water ingress. The watertight system allows time-efficient washdown and maximises the lifespan of the screen.

The enclosure has a slim design, at 185-mm deep, and multiple mounting options. Choose from ceiling or wall mounting and flat or tilted wall brackets to position the unit in the optimum location above your production line. Boost productivity and improve communications with KPI and information screens on your manufacturing floor.



Image: IP69K stainless-steel enclosure open view.



PRODUCT SIZES: 24", 32", 43", 55", 65", 75" & 86"

Benefits:

- **Maintain the highest hygiene standards:** The IP69K rating allows intensive steam cleaning. The 316 stainless-steel enclosure is inherently anti-bacterial and corrosion resistant.
- **Maximise the lifespan of shop floor displays:** The enclosure protects a screen from water and dust ingress, physical impact and overheating.
- **Install a screen in the most effective location:** Versatile mounting options allow you to position the enclosure in the ideal location for your operations.










ACCREDITATIONS & WARRANTY



ENVIRONMENTAL CONTROL

Environmental control includes a range of interior components such as a microprocessor controller board, fans and heaters, which work together to maintain the most cost efficient and ‘green’ operating temperature for your display.

Models Available:

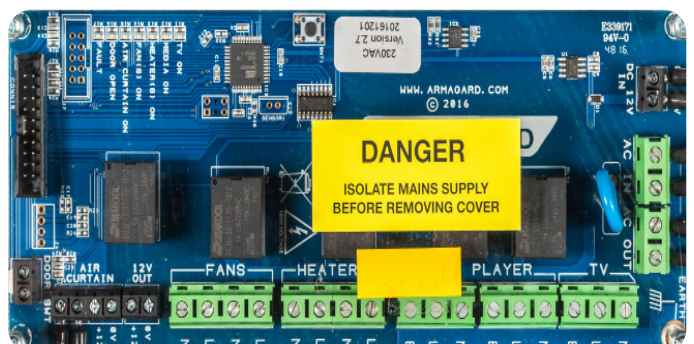
STANDARD	
Indoor	
All Sizes	24", 32", 43", 55", 65", 75" & 86"
Model Code	IP69K
Temperature Range*	0°C to +35°C
IP Rating	IP69K
Colour	Stainless
Interior VESA Mounting 	✓
IP69K Rated Locks 	✓
Recirculating Fans 	✓
Window* 	10mm, Polycarbonate
Air Curtain 	✓
Internal Heating 	Optional
Controller Board 	✓
Thermostat 	Optional
Mounting (Optional) 	Ceiling or Wall, Flat or Tilt Bracket Mounted

Temperature Range* - Higher temperature limit is dependent on internal components selected.
Window* - Can be changed depending on customer requirements.

The Controller Board:

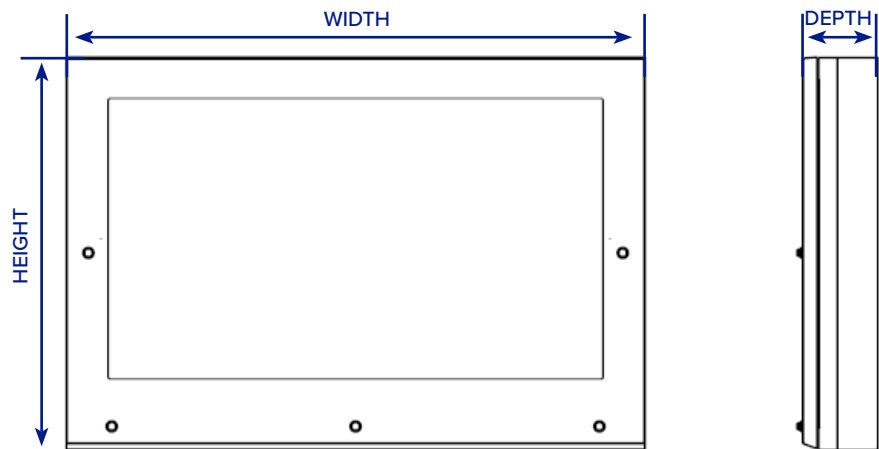
The controller board is an innovative feature found on all Armagard enclosures, managing the on-off commands for airflow and environmental control.

Note: Final specification is dependent on the order agreed with your account manager.



ENCLOSURE DESIGN

Enclosures are designed by Armagard's experienced, in-house design engineers.



ENCLOSURE DIMENSIONS

DISPLAY	HEIGHT	WIDTH	DEPTH	POWER*	ENCLOSURE WEIGHT	PRODUCT CODE
(in)	(mm)	(mm)	(mm)	(w)	(kg)	
24	TBD	TBD	TBD	20-42	TBD	SDS18-24-WL-CB2-IP69K
32	595	881	213	20-74	TBD	SDS18-32-WL-CB2-IP69K
43	775	1140	205	20-108	TBD	SDS18-43-WL-CB2-IP69K
55	966	1425	185	20-145	TBD	SDS18-55-WL-CB2-IP69K
65	1081	1635	191	25-150	TBD	SDS18-65-WL-CB2-IP69K
75	1215	1875	215	25-150	TBD	SDS18-75-WL-CB2-IP69K
86	1293	2150	175	20-86	TBD	SDS18-86-WL-CB2-IP69K

Power* - Power consumption depends on ambient temperature.

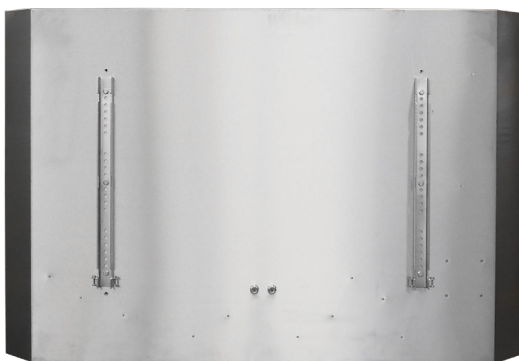


Image: IP69K stainless-steel enclosure back view.



Image: IP69K stainless-steel enclosure open view.

PRODUCT USAGE



Image: Three 42" wall mounted SDS enclosures, for a Taylor Farms production line, USA.

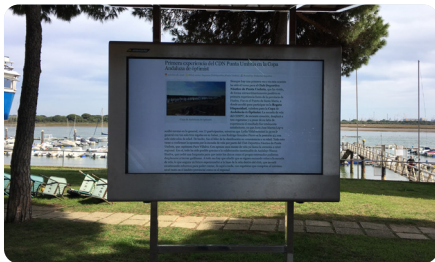


Image: A 47" SDS pole mounted enclosure, for CDN Punta Umbría, Spain.



Image: A 24" wall mounted SDS enclosure with optional keyboard tray for Fungers Feinkost, Germany.



Image: A 55" SDS wall mounted enclosure, for a Bridor bakery facility, France.

ASSURANCES

- ✓ Two Decades of Industry Experience and Solutions.
- ✓ Extensive Product Range and Quick Delivery.
- ✓ Fast-Track Design Process for Custom Projects.
- ✓ Enclosures Sealed to International Ratings.

Why Choose Armagard?

Delivering environmental protection for over 25 years, Armagard has a solid reputation for producing high quality products, which is why we are trusted by companies like Kraft, Cadbury, Nestle, Walkers and Kelloggs.



What Our Customers Say:

"It's been 2 years since we started working with Armagard and thanks to them, we've managed to accomplish projects for IT equipment protection (pc, screens and printers), in a food environment. I'm more than satisfied with the quality of the equipment (robustness, waterproofness, finish, etc..) and by the quality of support and advice received by Armagard staff." Michel Kremer, MK Patisserie."



Five-Year Warranty:

Reliability is built into our products by design, which is why all our enclosures carry a five-year warranty on all mechanical hardware and electrical components.

