

DataSafe NEMA Outdoor Cabinet

**Insulate your mounted
equipment from harsh
conditions indoors
and out!**



FEATURES

- » Houses electrical components in both indoor and outdoor environments.
- » Ideal for mounting equipment in harsh industrial areas. Mounts on a rooftop or in a tower telecomm setting.
- » Built to withstand windblown rain and dust as well as extremes in temperatures.
- » Light gray finish resists corrosion, and because it's textured inside and out, it's easy to keep clean.
- » Constructed of lightweight aluminum, so it's easy to install and service.
- » Guaranteed for life!

OVERVIEW

Designed for both indoor and outdoor use, the [DataSafe NEMA Outdoor Cabinet](#) really shines when it's put to the test in an industrial setting where water, dirt, and oil are ever-present. Use it in petrochemical facilities, water treatment and sewage plants—even in marine applications where seawater, salty air, and windswept sand can damage your sensitive electronics.

Built to NEMA 3, 3R, 4, 4X, and 12 guidelines, the corrosion-resistant enclosure features a foam-in-place gasket and a latching door that provide an excellent seal against liquid and dirt.

You can mount the [DataSafe NEMA Outdoor Cabinet](#) on a rooftop or a tower (with the optional Pole Mounting Kit). To keep interior equipment cool when the cabinet is exposed to a lot of sunlight, order the optional Solar Shield Top.

Inside and out, the cabinet has a textured, corrosion-resistant, light gray finish, and its seams are welded for a continuous, ground-smooth appearance. Constructed of lightweight aluminum, it's easy to handle and install.

The cabinet's removable three-point door features a hidden hinge and has a vertical stiffener and latch that hold it in place during servicing.

Item

DataSafe NEMA Outdoor Cabinet
23.7"H x 23"W x 7.9"D

Code

RMN400A

Technically Speaking

The National Electrical Manufacturers' Association (NEMA) issues guidelines and ratings for an enclosure's level of protection against contaminants that might come in contact with its enclosed equipment.

There are many numerical NEMA designations; we'll discuss NEMA enclosures relevant to this data sheet: NEMA 3, NEMA 3R, NEMA 4, NEMA 4X, and NEMA 12.

NEMA 3 enclosures, designed for both indoor and outdoor use, provide protection against falling dirt, windblown dust, rain, sleet, and snow, as well as ice formation.

The **NEMA 3R** rating is identical to NEMA 3 except that it doesn't specify protection against windblown dust.

NEMA 4 and **4X** enclosures, also designed for indoor and outdoor use, protect against windblown dust and rain, splashing and hose-directed water, and ice formation. NEMA 4X goes further than NEMA 4, specifying that the enclosure will also protect against corrosion caused by the elements.

NEMA 12 enclosures are constructed for indoor use only and are designed to provide protection against falling dirt, circulating dust, lint, fibers, and dripping or splashing noncorrosive liquids. Protection against oil and coolant is also a prerequisite for NEMA 12 designation.