

# Outdoor Modular Cabinet Single Door

## Data Solutions



Telecom and Railway applications require sophisticated electronics in outdoor setups. nVent SCHROFF Outdoor cabinets shield such electronic components from extreme weather and vandalism, ensuring operational continuity. Modular construction allows multiple configurations in size and function along with multiple cooling options.

## CERTIFICATIONS



## FEATURES

Aluminium profile frame with removable, double-walled cladding

IP 55 or NEMA 12~

Double-walled

Extensive range of 19" cabinet accessories

Access to cabinet from front, all sides possible upon request

100 mm high plinth, 200 and 300 mm possible

Top cover with louvers, can be upgraded with fans or A/C unit

RAL 7035 powder coating, other colors available upon request

## SPECIFICATIONS

**Frame Material:** Aluminum

Table 1/5

| Catalog Number | Product Type    | Product Family | Rack Height | Height | Width | Depth  |
|----------------|-----------------|----------------|-------------|--------|-------|--------|
| 10149-334      | Outdoor Cabinet | Modular        | 29U         | 1530mm | 700mm | 730mm  |
| 10149-500      | Outdoor Cabinet | Modular        | 20U         | 1130mm | 700mm | 500mm  |
| 10149-508      | Outdoor Cabinet | Modular        | 20U         | 1130mm | 700mm | 600mm  |
| 10149-516      | Outdoor Cabinet | Modular        | 20U         | 1130mm | 700mm | 700mm  |
| 10149-524      | Outdoor Cabinet | Modular        | 20U         | 1130mm | 700mm | 800mm  |
| 10149-532      | Outdoor Cabinet | Modular        | 20U         | 1130mm | 700mm | 900mm  |
| 10149-540      | Outdoor Cabinet | Modular        | 20U         | 1130mm | 700mm | 1000mm |
| 10149-548      | Outdoor Cabinet | Modular        | 20U         | 1130mm | 700mm | 1100mm |
| 10149-556      | Outdoor Cabinet | Modular        | 20U         | 1130mm | 700mm | 1200mm |
| 10149-564      | Outdoor Cabinet | Modular        | 24U         | 1330mm | 700mm | 500mm  |
| 10149-572      | Outdoor Cabinet | Modular        | 24U         | 1330mm | 700mm | 600mm  |
| 10149-580      | Outdoor Cabinet | Modular        | 24U         | 1330mm | 700mm | 700mm  |
| 10149-588      | Outdoor Cabinet | Modular        | 24U         | 1330mm | 700mm | 800mm  |
| 10149-596      | Outdoor Cabinet | Modular        | 24U         | 1330mm | 700mm | 900mm  |
| 10149-604      | Outdoor Cabinet | Modular        | 24U         | 1330mm | 700mm | 1000mm |
| 10149-612      | Outdoor Cabinet | Modular        | 24U         | 1330mm | 700mm | 1100mm |
| 10149-620      | Outdoor Cabinet | Modular        | 24U         | 1330mm | 700mm | 1200mm |
| 10149-628      | Outdoor Cabinet | Modular        | 29U         | 1530mm | 700mm | 500mm  |

| CatalogNumber | Product Type    | Product Family | Rack Height | Height | Width | Depth  |
|---------------|-----------------|----------------|-------------|--------|-------|--------|
| 10149-636     | Outdoor Cabinet | Modular        | 29U         | 1530mm | 700mm | 600mm  |
| 10149-644     | Outdoor Cabinet | Modular        | 29U         | 1530mm | 700mm | 700mm  |
| 10149-652     | Outdoor Cabinet | Modular        | 29U         | 1530mm | 700mm | 800mm  |
| 10149-660     | Outdoor Cabinet | Modular        | 29U         | 1530mm | 700mm | 900mm  |
| 10149-668     | Outdoor Cabinet | Modular        | 29U         | 1530mm | 700mm | 1000mm |
| 10149-676     | Outdoor Cabinet | Modular        | 29U         | 1530mm | 700mm | 1100mm |
| 10149-684     | Outdoor Cabinet | Modular        | 29U         | 1530mm | 700mm | 1200mm |
| 10149-692     | Outdoor Cabinet | Modular        | 33U         | 1730mm | 700mm | 500mm  |
| 10149-700     | Outdoor Cabinet | Modular        | 33U         | 1730mm | 700mm | 600mm  |
| 10149-708     | Outdoor Cabinet | Modular        | 33U         | 1730mm | 700mm | 700mm  |
| 10149-716     | Outdoor Cabinet | Modular        | 33U         | 1730mm | 700mm | 800mm  |
| 10149-724     | Outdoor Cabinet | Modular        | 33U         | 1730mm | 700mm | 900mm  |
| 10149-732     | Outdoor Cabinet | Modular        | 33U         | 1730mm | 700mm | 1000mm |
| 10149-740     | Outdoor Cabinet | Modular        | 33U         | 1730mm | 700mm | 1100mm |
| 10149-748     | Outdoor Cabinet | Modular        | 33U         | 1730mm | 700mm | 1200mm |
| 10149-756     | Outdoor Cabinet | Modular        | 38U         | 1930mm | 700mm | 500mm  |
| 10149-764     | Outdoor Cabinet | Modular        | 38U         | 1930mm | 700mm | 600mm  |
| 10149-772     | Outdoor Cabinet | Modular        | 38U         | 1930mm | 700mm | 700mm  |

| CatalogNumber | Product Type    | Product Family | Rack Height | Height | Width | Depth  |
|---------------|-----------------|----------------|-------------|--------|-------|--------|
| 10149-780     | Outdoor Cabinet | Modular        | 38U         | 1930mm | 700mm | 800mm  |
| 10149-788     | Outdoor Cabinet | Modular        | 38U         | 1930mm | 700mm | 900mm  |
| 10149-796     | Outdoor Cabinet | Modular        | 38U         | 1930mm | 700mm | 1000mm |
| 10149-804     | Outdoor Cabinet | Modular        | 38U         | 1930mm | 700mm | 1100mm |
| 10149-812     | Outdoor Cabinet | Modular        | 38U         | 1930mm | 700mm | 1200mm |
| 10149-820     | Outdoor Cabinet | Modular        | 42U         | 2130mm | 700mm | 500mm  |
| 10149-828     | Outdoor Cabinet | Modular        | 42U         | 2130mm | 700mm | 600mm  |
| 10149-836     | Outdoor Cabinet | Modular        | 42U         | 2130mm | 700mm | 700mm  |
| 10149-844     | Outdoor Cabinet | Modular        | 42U         | 2130mm | 700mm | 800mm  |
| 10149-852     | Outdoor Cabinet | Modular        | 42U         | 2130mm | 700mm | 900mm  |
| 10149-860     | Outdoor Cabinet | Modular        | 42U         | 2130mm | 700mm | 1000mm |
| 10149-868     | Outdoor Cabinet | Modular        | 42U         | 2130mm | 700mm | 1100mm |
| 10149-876     | Outdoor Cabinet | Modular        | 42U         | 2130mm | 700mm | 1200mm |

Table 2/5

| Catalog Number | Wall Type     | Door Type          | Access | Burglar Resistance | Cooling         | EMC Shielding |
|----------------|---------------|--------------------|--------|--------------------|-----------------|---------------|
| 10149-334      | Double Walled | Plain, Single Door | Front  | No                 | Fan Ventilation | No            |
| 10149-500      | Double Walled | Plain, Single Door |        | Optional           | Passive         | Optional      |
| 10149-508      | Double Walled | Plain, Single Door |        | Optional           | Passive         | Optional      |
| 10149-516      | Double Walled | Plain, Single Door |        | Optional           | Passive         | Optional      |

| CatalogNumber | Wall Type     | Door Type          | Access | Burglar Resistance | Cooling | EMC Shielding |
|---------------|---------------|--------------------|--------|--------------------|---------|---------------|
| 10149-524     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-532     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-540     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-548     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-556     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-564     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-572     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-580     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-588     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-596     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-604     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-612     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-620     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-628     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-636     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-644     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-652     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-660     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |

| CatalogNumber | Wall Type     | Door Type          | Access | Burglar Resistance | Cooling | EMC Shielding |
|---------------|---------------|--------------------|--------|--------------------|---------|---------------|
| 10149-668     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-676     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-684     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-692     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-700     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-708     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-716     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-724     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-732     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-740     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-748     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-756     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-764     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-772     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-780     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-788     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-796     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-804     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |

| CatalogNumber | Wall Type     | Door Type          | Access | Burglar Resistance | Cooling | EMC Shielding |
|---------------|---------------|--------------------|--------|--------------------|---------|---------------|
| 10149-812     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-820     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-828     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-836     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-844     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-852     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-860     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-868     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |
| 10149-876     | Double Walled | Plain, Single Door |        | Optional           | Passive | Optional      |

Table 3/5

| Catalog Number | Complies With                                                                                                                                                 | Cladding Color Code | Protection Rating | Battery Compartment | Color      | Color Code |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------|---------------------|------------|------------|
| 10149-334      | IEC 61969-1,<br>IEC 61969-2,<br>IEC 61969-3,<br>IEC 60917-1,<br>IEC 60917-2,<br>ETS 300119,<br>IEC 60529, DIN<br>EN 50178, VDE<br>0160, ETSI EN<br>300019-1-4 | RAL 7035            | IP55              | Yes                 | Light Gray | RAL 7035   |
| 10149-500      |                                                                                                                                                               |                     |                   | Optional            |            |            |
| 10149-508      |                                                                                                                                                               |                     |                   | Optional            |            |            |
| 10149-516      |                                                                                                                                                               |                     |                   | Optional            |            |            |
| 10149-524      |                                                                                                                                                               |                     |                   | Optional            |            |            |

| CatalogNumber | Complies With | Cladding Color Code | Protection Rating | Battery Compartment | Color | Color Code |
|---------------|---------------|---------------------|-------------------|---------------------|-------|------------|
| 10149-532     |               |                     |                   | Optional            |       |            |
| 10149-540     |               |                     |                   | Optional            |       |            |
| 10149-548     |               |                     |                   | Optional            |       |            |
| 10149-556     |               |                     |                   | Optional            |       |            |
| 10149-564     |               |                     |                   | Optional            |       |            |
| 10149-572     |               |                     |                   | Optional            |       |            |
| 10149-580     |               |                     |                   | Optional            |       |            |
| 10149-588     |               |                     |                   | Optional            |       |            |
| 10149-596     |               |                     |                   | Optional            |       |            |
| 10149-604     |               |                     |                   | Optional            |       |            |
| 10149-612     |               |                     |                   | Optional            |       |            |
| 10149-620     |               |                     |                   | Optional            |       |            |
| 10149-628     |               |                     |                   | Optional            |       |            |
| 10149-636     |               |                     |                   | Optional            |       |            |
| 10149-644     |               |                     |                   | Optional            |       |            |
| 10149-652     |               |                     |                   | Optional            |       |            |
| 10149-660     |               |                     |                   | Optional            |       |            |
| 10149-668     |               |                     |                   | Optional            |       |            |

| CatalogNumber | Complies With | Cladding Color Code | Protection Rating | Battery Compartment | Color | Color Code |
|---------------|---------------|---------------------|-------------------|---------------------|-------|------------|
| 10149-676     |               |                     |                   | Optional            |       |            |
| 10149-684     |               |                     |                   | Optional            |       |            |
| 10149-692     |               |                     |                   | Optional            |       |            |
| 10149-700     |               |                     |                   | Optional            |       |            |
| 10149-708     |               |                     |                   | Optional            |       |            |
| 10149-716     |               |                     |                   | Optional            |       |            |
| 10149-724     |               |                     |                   | Optional            |       |            |
| 10149-732     |               |                     |                   | Optional            |       |            |
| 10149-740     |               |                     |                   | Optional            |       |            |
| 10149-748     |               |                     |                   | Optional            |       |            |
| 10149-756     |               |                     |                   | Optional            |       |            |
| 10149-764     |               |                     |                   | Optional            |       |            |
| 10149-772     |               |                     |                   | Optional            |       |            |
| 10149-780     |               |                     |                   | Optional            |       |            |
| 10149-788     |               |                     |                   | Optional            |       |            |
| 10149-796     |               |                     |                   | Optional            |       |            |
| 10149-804     |               |                     |                   | Optional            |       |            |
| 10149-812     |               |                     |                   | Optional            |       |            |

| CatalogNumber | Complies With | Cladding Color Code | Protection Rating | Battery Compartment | Color | Color Code |
|---------------|---------------|---------------------|-------------------|---------------------|-------|------------|
| 10149-820     |               |                     |                   | Optional            |       |            |
| 10149-828     |               |                     |                   | Optional            |       |            |
| 10149-836     |               |                     |                   | Optional            |       |            |
| 10149-844     |               |                     |                   | Optional            |       |            |
| 10149-852     |               |                     |                   | Optional            |       |            |
| 10149-860     |               |                     |                   | Optional            |       |            |
| 10149-868     |               |                     |                   | Optional            |       |            |
| 10149-876     |               |                     |                   | Optional            |       |            |

Table 4/5

| Catalog Number | Fan Quantity | Finish        | Material        | Mounting Setup | Package Quantity | Plinth Height |
|----------------|--------------|---------------|-----------------|----------------|------------------|---------------|
| 10149-334      | 2            | Powder Coated | Aluminum, Steel | 19" Uprights   | 1                | 200           |
| 10149-500      |              | Powder Coated | Aluminum, Steel | Optional       | 1                | 100           |
| 10149-508      |              | Powder Coated | Aluminum, Steel | Optional       | 1                | 100           |
| 10149-516      |              | Powder Coated | Aluminum, Steel | Optional       | 1                | 100           |
| 10149-524      |              | Powder Coated | Aluminum, Steel | Optional       | 1                | 100           |
| 10149-532      |              | Powder Coated | Aluminum, Steel | Optional       | 1                | 100           |
| 10149-540      |              | Powder Coated | Aluminum, Steel | Optional       | 1                | 100           |
| 10149-548      |              | Powder Coated | Aluminum, Steel | Optional       | 1                | 100           |

| CatalogNumber | Fan Quantity | Finish        | Material        | MountingSetup | Package Quantity | Plinth Height |
|---------------|--------------|---------------|-----------------|---------------|------------------|---------------|
| 10149-556     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-564     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-572     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-580     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-588     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-596     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-604     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-612     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-620     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-628     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-636     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-644     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-652     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-660     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-668     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-676     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-684     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-692     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |

| CatalogNumber | Fan Quantity | Finish        | Material        | MountingSetup | Package Quantity | Plinth Height |
|---------------|--------------|---------------|-----------------|---------------|------------------|---------------|
| 10149-700     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-708     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-716     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-724     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-732     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-740     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-748     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-756     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-764     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-772     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-780     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-788     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-796     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-804     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-812     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-820     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-828     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-836     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |

| CatalogNumber | Fan Quantity | Finish        | Material        | MountingSetup | Package Quantity | Plinth Height |
|---------------|--------------|---------------|-----------------|---------------|------------------|---------------|
| 10149-844     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-852     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-860     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-868     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |
| 10149-876     |              | Powder Coated | Aluminum, Steel | Optional      | 1                | 100           |

Table 5/5

| Catalog Number | Certifications |
|----------------|----------------|
| 10149-334      | RoHS           |
| 10149-500      |                |
| 10149-508      |                |
| 10149-516      |                |
| 10149-524      |                |
| 10149-532      |                |
| 10149-540      |                |
| 10149-548      |                |
| 10149-556      |                |
| 10149-564      |                |
| 10149-572      |                |
| 10149-580      |                |

| Catalog Number | Certifications |
|----------------|----------------|
| 10149-588      |                |
| 10149-596      |                |
| 10149-604      |                |
| 10149-612      |                |
| 10149-620      |                |
| 10149-628      |                |
| 10149-636      |                |
| 10149-644      |                |
| 10149-652      |                |
| 10149-660      |                |
| 10149-668      |                |
| 10149-676      |                |
| 10149-684      |                |
| 10149-692      |                |
| 10149-700      |                |
| 10149-708      |                |
| 10149-716      |                |
| 10149-724      |                |

| Catalog Number | Certifications |
|----------------|----------------|
| 10149-732      |                |
| 10149-740      |                |
| 10149-748      |                |
| 10149-756      |                |
| 10149-764      |                |
| 10149-772      |                |
| 10149-780      |                |
| 10149-788      |                |
| 10149-796      |                |
| 10149-804      |                |
| 10149-812      |                |
| 10149-820      |                |
| 10149-828      |                |
| 10149-836      |                |
| 10149-844      |                |
| 10149-852      |                |
| 10149-860      |                |
| 10149-868      |                |

| Catalog Number | Certifications |
|----------------|----------------|
| 10149-876      |                |

## ADDITIONAL PRODUCT DETAILS

Height dimensions are without base/plinth.

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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