

## **483 mm (19") Wall Mounting Cabinets IP55 - Outdoor**



- ✓ 1.5 mm strong steel sheet
- ✓ Safety class IP 55
- ✓ Integrated air ventilation inlets
- ✓ Available with double wall structure

### **Abstract**

483 mm (19") Wall Mounting Cabinets IP55 (Outdoor), 600 mm width - 450 mm, 600 mm depth

### **Features**

- Safety class rating IP 55
- Lockable steel front door with pivot lever
- 140° door opening angle
- 3-point-locking-mechanism on the front door
- Front door with two welded, strengthening bars in U-shape as well as gasketing system
- 483 mm (19") profile rails mounted on the front side inside of the cabinet, galvanized
- 483 mm (19") profile rails are adjustable in depth and with height unit marking
- Load capacity of 483 mm (19") profile rails: 100 kg
- 1.5 mm strong sheet steel with a high loading capacity, powder coated
- Single welded housing for more strength
- Cable entries in base: 2x M32, 1x M63, 2x PVC blind cap (with diameter of 28 mm)
- Roof canopy offers protection for suitable fan units and takes care of deaeration and hot air
- Integrated air ventilation inlets ensure the entry of fresh air
- incl. 4 pcs. mounting brackets, 3 mm strong, as well as suitable screws and washers, for wall mounting
- available as version with double wall structure

### **Product Overview**

The 483 mm (19") IP55 Outdoor Wall Mounting Cabinets are designed for industrial applications. They are based on the IP55 safety class which is conform to the EN 60529 and are therefore protected against water-and dirt ingress. The fan and filter components are based on safety class IP54. Best performance is provided e.g. via the 3-point-locking system with lockable swing handle and isolated cable entries. Integrated air ventilation inlets ensure the entry of fresh air (protection against water and dust acc. to IP54). Application areas are open areas which are under the effect of the environment (Rain, dust, sleet, snow, and splashing water).

An alternative version with double wall structure in the inside suits for a better protection against temperature fluctuations. Furthermore it can be used for easier mounting of e.g. cable management components.

## Product Images



## Double Wall Structure



## Product Number Information - IP55 Wall Mounting Cabinets

| Item code          | Height unit (U) | Dimensions (HxWxD)<br>in mm | Color           |
|--------------------|-----------------|-----------------------------|-----------------|
| DN-19 07U-I-OD     | 7U              | 490x600x450 mm              | Grey (RAL 7035) |
| DN-19 09U-I-OD     | 9U              | 579x600x450 mm              |                 |
| DN-19 12U-I-OD     | 12U             | 713x600x450 mm              |                 |
| DN-19 16U-I-OD     | 16U             | 891x600x450 mm              |                 |
| DN-19-20U-I-OD     | 20U             | 1069x600x450 mm             |                 |
| DN-19-22U-I-OD     | 22U             | 1157x600x450 mm             |                 |
| DN-19-24U-I-OD     | 24U             | 1245x600x450 mm             |                 |
| DN-19-26U-I-OD     | 26U             | 1334x600x450 mm             |                 |
|                    |                 |                             |                 |
| DN-19 07U-6/6-I-OD | 7U              | 490x600x600 mm              | Grey (RAL 7035) |
| DN-19 09U-6/6-I-OD | 9U              | 579x600x600 mm              |                 |
| DN-19 12U-6/6-I-OD | 12U             | 713x600x600 mm              |                 |
| DN-19 16U-6/6-I-OD | 16U             | 891x600x600 mm              |                 |
| DN-19-20U-6-6-I-OD | 20U             | 1069x600x600 mm             |                 |
| DN-19-22U-6-6-I-OD | 22U             | 1157x600x600 mm             |                 |
| DN-19-24U-6-6-I-OD | 24U             | 1245x600x600 mm             |                 |
| DN-19-26U-6-6-I-OD | 26U             | 1334x600x600 mm             |                 |

## Logistic Information

| Item code          | Packaging dimensions (HxWxD)<br>in mm | Net weight in kg | Gross weight in kg |
|--------------------|---------------------------------------|------------------|--------------------|
| DN-19 07U-I-OD     | 510x690x480 mm                        | 31 kg            | 32 kg              |
| DN-19 09U-I-OD     | 600x690x480 mm                        | 33 kg            | 34 kg              |
| DN-19 12U-I-OD     | 730x690x480 mm                        | 37 kg            | 38 kg              |
| DN-19 16U-I-OD     | 910x690x480 mm                        | 41 kg            | 43 kg              |
| DN-19-20U-I-OD     | 1120x690x510 mm                       | 46 kg            | 48 kg              |
| DN-19-22U-I-OD     | 1250x690x510 mm                       | 51 kg            | 54 kg              |
| DN-19-24U-I-OD     | 1360x690x510 mm                       | 56 kg            | 61 kg              |
| DN-19-26U-I-OD     | 1480x690x510 mm                       | 61 kg            | 66 kg              |
|                    |                                       |                  |                    |
| DN-19 07U-6/6-I-OD | 510x690x630 mm                        | 37 kg            | 38 kg              |
| DN-19 09U-6/6-I-OD | 600x690x630 mm                        | 40 kg            | 41 kg              |
| DN-19 12U-6/6-I-OD | 730x690x630 mm                        | 43 kg            | 45 kg              |
| DN-19 16U-6/6-I-OD | 910x690x630 mm                        | 49 kg            | 51 kg              |
| DN-19-20U-6-6-I-OD | 1120x690x630 mm                       | 54 kg            | 58 kg              |
| DN-19-22U-6-6-I-OD | 1250x690x630 mm                       | 59 kg            | 64 kg              |
| DN-19-24U-6-6-I-OD | 1360x690x630 mm                       | 64 kg            | 70 kg              |
| DN-19-26U-6-6-I-OD | 1480x690x630 mm                       | 70 kg            | 76 kg              |

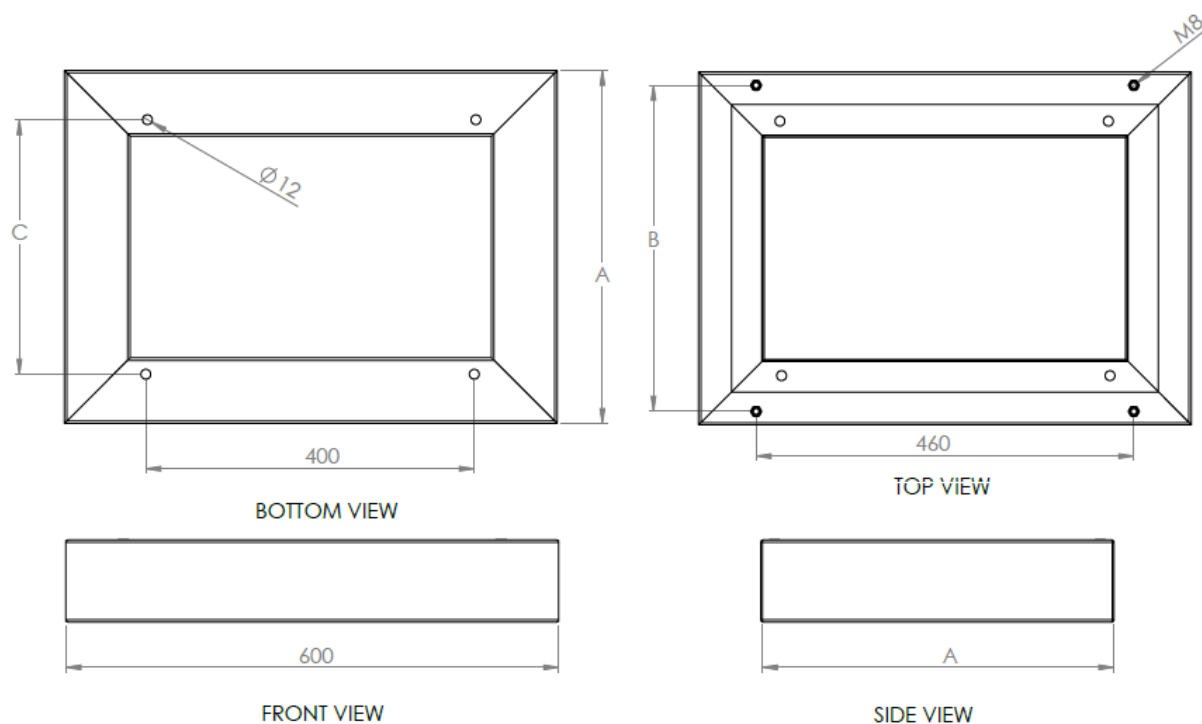
## Product Number Information - IP55 Wall Mounting Cabinets with double wall structure

| Item code            | Height unit (U) | Dimensions (HxWxD)<br>in mm | Color           |
|----------------------|-----------------|-----------------------------|-----------------|
| DN-19-07U-I-OD-2     | 7U              | 490x600x450 mm              | Grey (RAL 7035) |
| DN-19-09U-I-OD-2     | 9U              | 579x600x450 mm              |                 |
| DN-19-12U-I-OD-2     | 12U             | 713x600x450 mm              |                 |
| DN-19-16U-I-OD-2     | 16U             | 891x600x450 mm              |                 |
| DN-19-20U-I-OD-2     | 20U             | 1069x600x450 mm             |                 |
| DN-19-22U-I-OD-2     | 22U             | 1157x600x450 mm             |                 |
| DN-19-24U-I-OD-2     | 24U             | 1245x600x450 mm             |                 |
| DN-19-26U-I-OD-2     | 26U             | 1334x600x450 mm             |                 |
|                      |                 |                             |                 |
| DN-19-07U-6-6-I-OD-2 | 7U              | 490x600x600 mm              | Grey (RAL 7035) |
| DN-19-09U-6-6-I-OD-2 | 9U              | 579x600x600 mm              |                 |
| DN-19-12U-6-6-I-OD-2 | 12U             | 713x600x600 mm              |                 |
| DN-19-16U-6-6-I-OD-2 | 16U             | 891x600x600 mm              |                 |
| DN-19-20U-6-6-I-OD-2 | 20U             | 1069x600x600 mm             |                 |
| DN-19-22U-6-6-I-OD-2 | 22U             | 1157x600x600 mm             |                 |
| DN-19-24U-6-6-I-OD-2 | 24U             | 1245x600x600 mm             |                 |
| DN-19-26U-6-6-I-OD-2 | 26U             | 1334x600x600 mm             |                 |

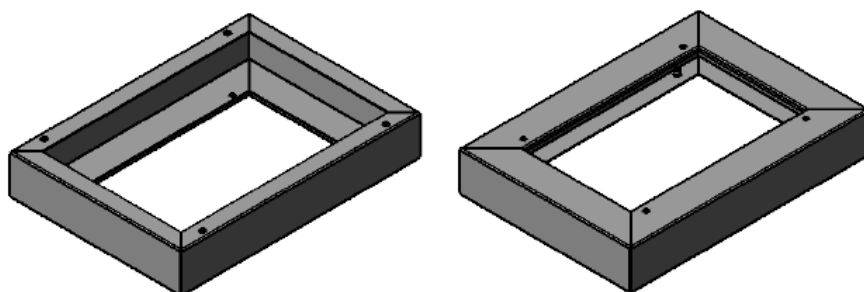
## Logistic Information

| Item code            | Packaging dimensions (HxWxD)<br>in mm | Net weight in kg | Gross weight in kg |
|----------------------|---------------------------------------|------------------|--------------------|
| DN-19-07U-I-OD-2     | 510x690x480 mm                        | 32 kg            | 33 kg              |
| DN-19-09U-I-OD-2     | 600x690x480 mm                        | 34 kg            | 35 kg              |
| DN-19-12U-I-OD-2     | 730x690x480 mm                        | 38 kg            | 39 kg              |
| DN-19-16U-I-OD-2     | 910x690x480 mm                        | 42 kg            | 44 kg              |
| DN-19-20U-I-OD-2     | 1120x690x510 mm                       | 47 kg            | 49 kg              |
| DN-19-22U-I-OD-2     | 1250x690x510 mm                       | 52 kg            | 55 kg              |
| DN-19-24U-I-OD-2     | 1360x690x510 mm                       | 57 kg            | 62 kg              |
| DN-19-26U-I-OD-2     | 1480x690x510 mm                       | 62 kg            | 67 kg              |
|                      |                                       |                  |                    |
| DN-19-07U-6-6-I-OD-2 | 510x690x630 mm                        | 38 kg            | 39 kg              |
| DN-19-09U-6-6-I-OD-2 | 600x690x630 mm                        | 41 kg            | 42 kg              |
| DN-19-12U-6-6-I-OD-2 | 730x690x630 mm                        | 44 kg            | 46 kg              |
| DN-19-16U-6-6-I-OD-2 | 910x690x630 mm                        | 50 kg            | 52 kg              |
| DN-19-20U-6-6-I-OD-2 | 1120x690x630 mm                       | 55 kg            | 59 kg              |
| DN-19-22U-6-6-I-OD-2 | 1250x690x630 mm                       | 60 kg            | 65 kg              |
| DN-19-24U-6-6-I-OD-2 | 1360x690x630 mm                       | 65 kg            | 71 kg              |
| DN-19-26U-6-6-I-OD-2 | 1480x690x630 mm                       | 71 kg            | 77 kg              |

## Plinth



|     | A   | B   | C   |
|-----|-----|-----|-----|
| 450 | 427 | 397 | 310 |
| 600 | 577 | 547 | 460 |



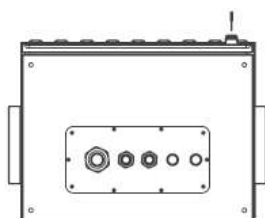
## Product Number Information

| Item code            | Dimensions (HxWxD)<br>in mm | Color           |
|----------------------|-----------------------------|-----------------|
| DN-19 PLINTH-45-I-OD | 100x600x450 mm              | Grey (RAL 7035) |
| DN-19 PLINTH-6-I-OD  | 100x600x600 mm              |                 |

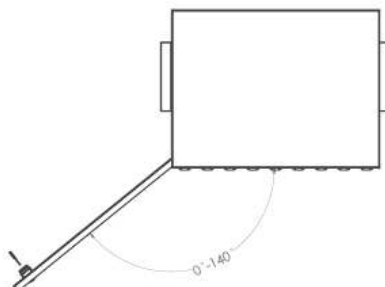
## Logistic Information

| Item code            | Packaging dimensions (HxWxD)<br>in mm | Net weight / Gross weight<br>in kg |
|----------------------|---------------------------------------|------------------------------------|
| DN-19 PLINTH-45-I-OD | 100x600x450 mm                        | 4.5 kg / 5.6 kg                    |
| DN-19 PLINTH-6-I-OD  | 100x600x600 mm                        | 5.2 kg / 6.3 kg                    |

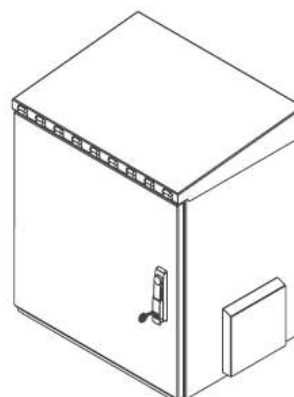
## Technical Drawings



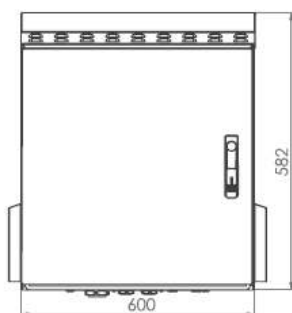
BOTTOM VIEW



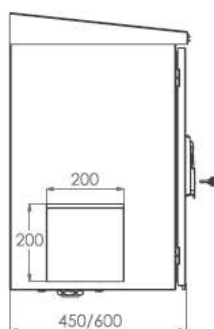
FRONT DOOR OPENING ANGLE



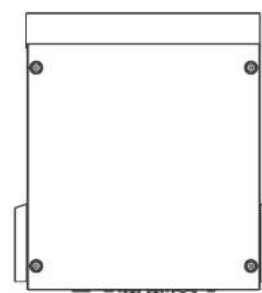
ISOMETRIC VIEW



FRONT VIEW



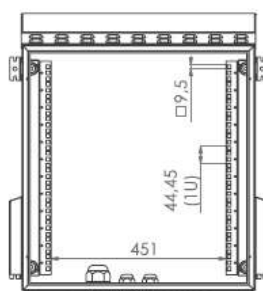
SIDE VIEW



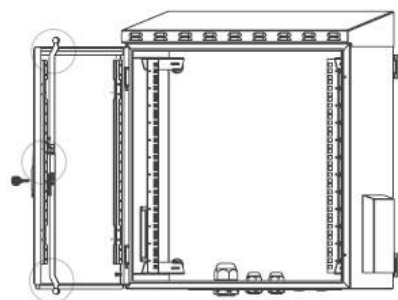
REAR VIEW



TOP VIEW



INSIDE VIEW



3 POINT LOCKING SYSTEM

## Explosion View - IP55 Wall Mounting Cabinet with double wall structure

