



OVERVIEW

Zemecs provides durable, weather-resistant outdoor rack cabinets designed to protect critical equipment in any environment. The EdgePro HD series enclosures are specifically engineered to house essential IT hardware in outdoor applications.

The **EdgePro** series features a **double-wall** construction made from 1.5mm. sheet metal making it IP66 compliant. Like ExPro and ExPro HD models, the products meet key industry standards, including EN 61587-1, EN 62208, and EN 60529, ensuring high mechanical and climatic performance. They are available in heights ranging from 7U to 26U and supplied with 60x45 cm. and 60x60 cm. size options.

APPLICATIONS

- Indoor and outdoor telecommunications networks
- Control panels and distribution boards in industrial environments
- Outdoor Wi-Fi connectivity
- Public security surveillance
- Renewable energy infrastructures
- Coastal and marine applications

FEATURES

- Constructed from galvanized sheet metal of 1.5mm. thickness
- Designed with IP66 protection for resistance to extreme weather conditions
- Built with a steel frame capable of supporting loads up to 400kg.
- Equipped with a fully gasketed front door and a 3-point locking mechanism for enhanced security
- Offered in various heights ranging from 7U to 26U
- Supplied in two size options: 60x45 cm and 60x60 cm
- Features adjustable vertical mounting rails with U-height markings
- Supports the installation of cooling units with two fans and a temperature control unit
- Compatible with optional plinth modules up to 400mm in height
- Optional isolation module can be used for a double wall construction
- Designed for pole and wall mounting using dedicated mounting kits
- Coated with polyester paint for superior corrosion resistance
- Available in standard light grey (RAL7035), with customization options in other colors
- Can be supplied with multiple compartments upon request
- Fitted with a handle-type lock
- Provides a wide range of accessory options

**GENERAL SPECIFICATIONS**

Construction Material	Sheet Steel, DIN EN 10130-99 / DC-01 6112 / DC-7122
Mounting Rails Material	Galvanized steel
Coating	Electrostatic powder coating on all surfaces
Colour	RAL 7035(standard)
Lock	Handle type metal lock in plastic housing
Max. # Of Fans	2 (with temperature control unit)
Sheet Metal Thicknesses (mm.)	1,5mm.
Max. Load Capacity	400 kg.

MECHANICAL PERFORMANCE

- Complies with EN 61587-1 5.2.1 / 5.2.3
- Static mechanical load test (Performance level SL 12)
- Stiffness test (Performance level ST5)
- Dynamic mechanical load test (Performance level DL4V)
- Resonance point detection test Duration of the test at each frequency was 10 minutes
- Vibration test (Sinus-IEC 60068-2-6:Fc; 2007)
- Shock test (IEC 60068-2-27:Ea; 1987) Performance level DL4S
- Impact test (IEC 60068-2-75:Eh; 2014) (Performance level IK10)
- IEC60917 – IEC 60297 standards

CLIMATIC PERFORMANCE

- Cold (IEC 60068-2-1 :2007;Ab) Temperature Of The Exposure: -25°C +/-3°C
- Dry Heat (IEC 60068-2-2 :2007;Bd) Temperature Of the Exposure: +70°C +/-2°C
- Damp Heat Cyclic (IEC 60068-2-30:2005;Db ; (cyclic 2x), variant 2)

INDUSTRIAL ATMOSPHERE (Performance level A2)

- Salt Mist Test IEC 60068-2-11
- Salt Spray Test TS EN ISO 9227
- Sulphur Dioxide Test and Hydrogen Sulphide Test (IEC 60068-2-42, IEC 60068-2-43 and IEC 60068-2-49)

COMPLIANT STANDARDS FOR MATERIALS

- **Sheet Metal:** TS EN ISO 9001:2008, TS EN 10130 :2006, DIN EN 1030- EQV, BS EN 1030-EQV, NF A36-401
- **Polyester Paint:** ISO 9001:2015 ASTM D523, ASTM D2794, DIN EN ISO 2811-1, ASTM D1186/D1400
- **Cooling Modules (Fan Units):** EMC EN55032:2015 & LVD IEC 62368-1:2018
- **Connection Components (screw, nut, washer etc.):** TS EN ISO 7045, TS EN ISO 4032, RoHS IEC 62321
- **Locks:** DIN-EN ISO 1043-1 PA6 GFR 30, DIN-EN 1774-ZnAl4Cu1

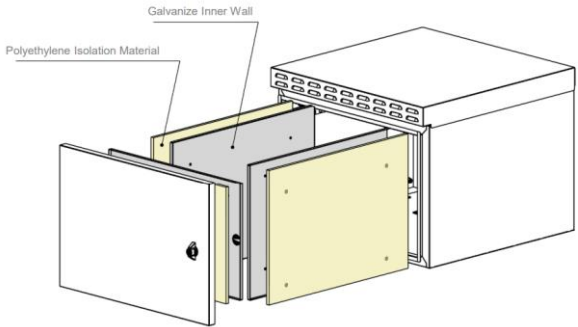
ACCESSORIES



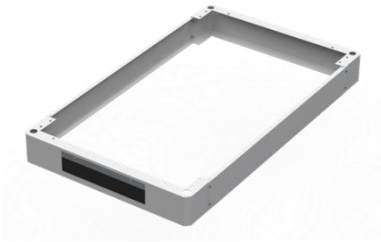
Pole Type Fixing Bracket Set ,Universal Type
Part Number: DAFX-P



Pole Type Fixing Bracket Set For Multi-edge Type Poles
Part Number: DAFX-M



Isolation Module, PE
Part Number: DIFX-M



Plinth Modules
Part Number: DPFX



PHYSICAL SPECIFICATIONS, EXPRO & EXPRO HD SERIES

Part Nr.	Mounting Rail Height (U)	Inner Height (mm.)	Overall Height (mm.)*	Width (mm.)	Depth (mm.)
DKF9-607-T21	328	311	466	600	450
DKF9-609-T21	417	400	555	600	450
DKF9-612-T21	550	533	689	600	450
DKF9-616-T21	727	711	866	600	450
DKF9-620-T21	906	889	1.044	600	450
DKF9-626-T21	1.172	1.156	1.311	600	450
DKF9-607-T41	328	311	466	600	600
DKF9-609-T41	417	400	555	600	600
DKF9-612-T41	550	533	689	600	600
DKF9-616-T41	727	711	866	600	600
DKF9-620-T41	906	889	1.044	600	600
DKF9-626-T41	1.172	1.156	1.311	600	600

PART NUMBER CODING

Part Nr.	Product Description
DKF9-6UU-T21	Zemecs Edge Pro HD 60x45cm. IP66 Field Closure, Double Wall, 1,5mm. Sheet Metal, With Handle Type Lock, Light Grey(RAL7035)
DKF9-6UU-T41	Zemecs EdgePro HD 60x60cm. IP66 Field Closure, Double Wall, 1,5mm. Sheet Metal, With Handle Type Lock, Light Grey(RAL7035)

UU: Height	
07	07U
09	09U
12	12U
16	16U
20	20U
26	26U