CONTEG

BROCHURE

OUTDOOR ENCLOSURES

↳ The best solution for all outdoor applications

WE ARE CONTEG

↳ Leading Producer of IT, Data Center and Industrial Solutions.

We provide global sales and technical support. We also have manufacturing plants in Europe, the Czech Republic, equipped with the latest technologies, as well as a testing laboratory.

Our outdoor cabinets in four design series withstand even the most demanding climate conditions thanks to first-class functional properties, mechanical resistance, and long service life. For all types of outdoor cabinets, we offer environmental monitoring, as well as ventilation, cooling, and heating units, which provide a favorable and stable internal climate.

We are flexible and ready to provide a specific solution tailored to your requirements.

COMPLEX SOLUTION
enclosures, cooling, heating, ventilation, environmental monitoring

FLEXIBILITY OF THE INTERIOR LAYOUT
adapted for flexible and easy installation of all components inside the cabinet

COMPREHENSIVE PORTFOLIO
free-standing, wall- and pole-mounted enclosures made of stainless steel and aluminum

STURDY DESIGN
quality materials, up to IP66 rating, single- and double-walled construction

VARIABLE
for all types of applications and installations, including in-row installation

CUSTOMIZED SOLUTIONS
specific solutions according to customer's requirements

	outTEG OMR	outTEG OMR Lite	WME-O	FSM-O
Application	Free-standing, in-row installation	Wall- and pole-mounted	Wall- and pole-mounted	Free-standing
Material	Aluminum (body, roof), stainless steel (frame, plinth)	Aluminum	Stainless steel (body, roof), aluminum (mounting plate)	Stainless steel (body, roof), aluminum (mounting plate)
Construction	Double-walled	Double-walled	Single-walled	Single-walled
IP rating	IP66	IP65	IP66	IP55
Mechanical protection	IK10	IK10	IK10	IK10
Color	RAL 7035 (body) RAL 7046 (roof and plinth)	RAL 7035	RAL 7035	RAL 7035
Surface finish	Polyester powder outdoor coating with UV protection			
Height (mm)	600, 800, 1 000,1 200, 1 400, 1 600, 2 000	500, 600, 800	300, 400, 500, 600, 800, 1 000, 1 200	1 400, 1 600, 1 800, 2 000
Width (mm)	650, 800, 1 000	400, 600	200, 300, 400, 500, 600, 800	600, 800, 1 000
Depth (mm)	400, 500, 600, 700, 800, 1 000	400, 500, 600	155, 210, 250, 300, 400	300, 400, 500

outTEG OMR

Double-Walled Free-Standing Outdoor Enclosures

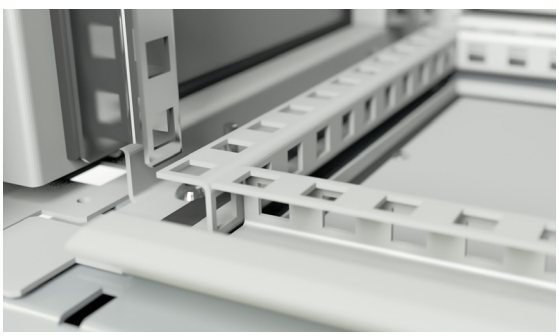
Suitable for projects where there are strict requirements for a stable internal climate

- AlMg3 aluminum-magnesium alloy and stainless steel
- Polyester powder outdoor coating with UV protection
- Non-porous PUR seals suitable for extreme temperature ranges

↳ Main advantages

- Double-walled construction keeps the internal temperature up to 10% lower than in single-walled enclosures and provides additional protection against vandalism.
- Possible to assemble into a row
- Highest corrosion protection
- IP66 protection against dust and water
- Enclosure includes a plinth and a roof
- Welded stainless-steel frame and plinth
- Enclosure body made of removable parts in an aluminum–magnesium alloy AlMg3 (doors, roof, side panels and rear panel)
- Tested earthquake resistance according to Bellcore GR-63-CORE, Zone 3 (Zone 4 on request)
- Wide range of system accessories

Cooling	Outdoor cooling units (0,29–4 kW) Thermoelectric coolers (0,1–0,8 kW) Ventilation units (0,5–1,1 kW)
Heating	Heaters
Monitoring	RAMOS Plus
Online Configurator	https://www.conteg.com/configurator-step-1?typeId=5
Modifications	Tailor-made solutions for customers—cutouts made to your specifications before and after the final surface treatment: openings for fans, cooling units, control panels, and push buttons.



outTEG OMR Lite

Double-Walled Pole- and Wall-Mounted
Outdoor Enclosures

Suitable for projects where the installed equipment has low to medium heat dissipation

- ✓ AlMg3 aluminum-magnesium alloy
- ✓ Polyester powder outdoor coating with UV protection
- ✓ Non-porous PUR seals suitable for extreme temperature ranges

↳ Main advantages

- ✓ Compact double-walled construction keeps the internal temperature up to 10% lower than in single-walled enclosures and provides additional protection against vandalism.
- ✓ Highest corrosion protection
- ✓ IP65 protection against dust and water
- ✓ Integrated roof
- ✓ Easy configuration change for right- or left-hand door opening
- ✓ Wide range of system accessories

Cooling	Thermoelectric coolers (0,1–0,2 kW)
Heating	Heaters
Monitoring	RAMOS Plus
Modifications	Tailor-made solutions for customers—cutouts made to your specifications before and after the final surface treatment: openings for fans, cooling units, control panels, and push buttons.

WME-O

Single-Walled Compact Pole- and Wall-Mounted Outdoor Enclosures

Suitable for projects with installations of smaller volumes of equipment

- Stainless steel 1.4016 (AISI 403), on request 1.4301 (AISI 304)
- Polyester powder outdoor coating with UV protection
- Non-porous PUR seals suitable for extreme temperature ranges

↳ Main advantages

- Single-walled construction
- Single-door enclosure design
- Highest corrosion protection
- IP66 protection against dust and water
- Aluminum mounting plate with a marked raster of 50 × 50 mm
- Easy configuration change for right- or left-hand door opening
- Wide range of system accessories

Cooling	Ventilators with filters
Heating	Heaters
Monitoring	RAMOS Plus
Modifications	Tailor-made solutions for customers—cutouts made to your specifications before and after the final surface treatment: openings for fans, cooling units, control panels, and push buttons.

FSM-O

Single-Walled Free-Standing
Outdoor Enclosures

Suitable for projects with installations of large volumes of equipment

- ✓ Stainless steel 1.4016 (AISI 403), on request 1.4301 (AISI 304)
- ✓ Polyester powder outdoor coating with UV protection
- ✓ Non-porous PUR seals suitable for extreme temperature ranges

↳ Main advantages

- ✓ Welded compact construction with integrated side panels
- ✓ Load capacity up to 700 kg
- ✓ Single-door enclosure design
- ✓ Enclosure can be installed without an additional plinth
- ✓ Door closes easily thanks to a special locking system
- ✓ Mounting plate can be placed between the rear pillars
- ✓ Side panels integrated in the frame
- ✓ 17 sizes from 1 400 × 600 × 300 up to 2 000 × 1 000 × 400 mm
- ✓ Wide range of system accessories

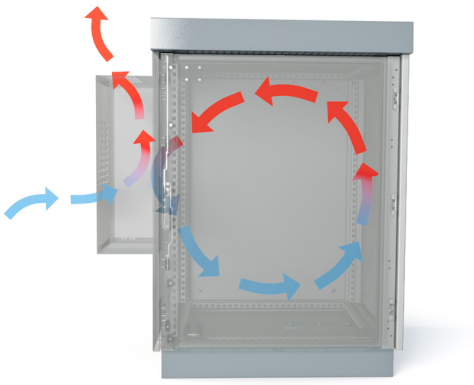
Cooling	Cooling units (0,3–4 kW), ventilators
Heating	Heaters
Monitoring	RAMOS Plus
Modifications	Tailor-made solutions for customers—cutouts made to your specifications before and after the final surface treatment: openings for fans, cooling units, control panels, and push buttons.

Cooling, Heating and Environmental Monitoring

We calculate and recommend the necessary cooling and heating power to maintain stable thermal comfort for the installed elements inside the outdoor enclosure.

COOLING UNITS

- Cooling capacity: 0,29–4 kW
- IP rating: IP56
- Operating temperature range: –40 °C up to +55 °C
- Globally recognized certifications: CE, cURus, cULus



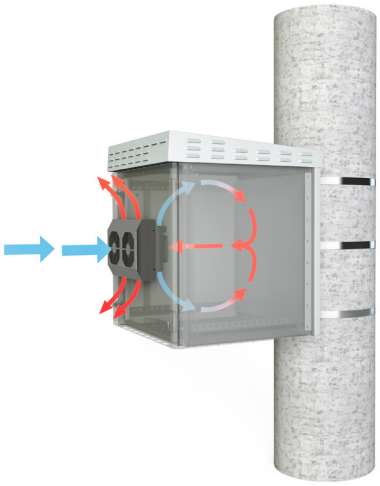
outTEG OMR + cooling unit

THERMOELECTRIC COOLERS

- Cooling capacity: 0,1–0,8 kW
- IP rating: IP66
- Operating temperature: –20 °C up to +65 °C

FILTER FANS

- Airflow: 12–800 m³/h
- IP rating: IP54, with hose-proof IP56
- Operating temperature: –10 °C up to +70 °C



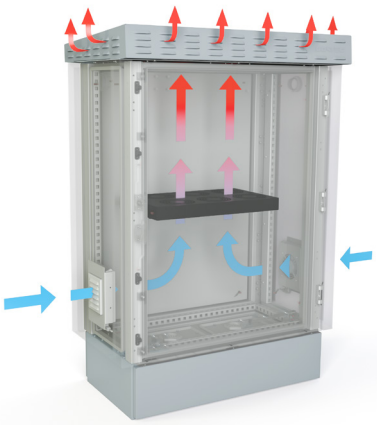
outTEG OMR Lite + thermoelectric cooler

HEATERS

- Thermal output: 0,25–0,8 kW
- IP rating: IP20
- Operating temperature: –10 °C up to +50 °C

ENVIRONMENTAL MONITORING

- RAMOS Plus Monitoring System – available in a standard version and a GSM version with a built-in 3G modem and an external antenna
- 4 auto-detecting intelligent ports
- Communication—LAN: SNMP v1, v2 and v3; Modbus TCP; GSM: GSM version only
- Email or SNMP trap notifications



outTEG OMR + filter fan

www.conteg.com

CONTEG
Stetkova 18, 140 00 Prague 4, Czechia
Tel.: +420 565 300 358
info@conteg.com
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