OUTDOOR CABINETS

The best solution for all outdoor applications

CONTEG

WE ARE **CONTEG**

Leading Producer of **IT, Data Center, and Industrial Solutions**

We provide global sales and technical support and have manufacturing plants in Europe—the Czech Republic—equipped with the latest technologies, and our 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 indoor climate.

We are flexible and ready to supply specific solutions according to customers' requirements.

Complex solution
cabinets, cooling, heating, ventilation, environmental monitoring

User friendly
adapted for flexible and easy installation of all components inside the cabinet

Comprehensive portfolio
free-standing, wall-mount, and pole-mount cabinets made of aluminum and stainless steel

Rigid, resistant
quality materials, up to IP rating 66, double/single-wall construction

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

Customized solutions
specific solutions according to customer's requirements

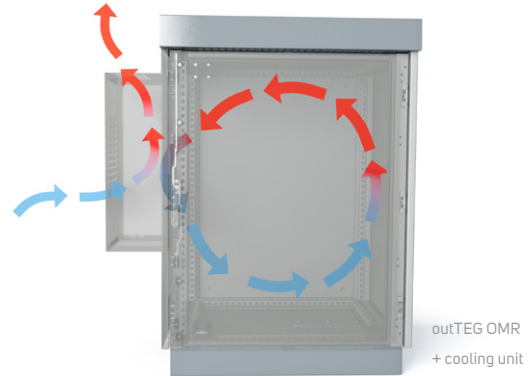|	outTEG OMR	outTEG OMR Lite	WME-O	FSM-O
Application	free-standing, in-row installation	pole/wall mount	pole/wall mount	free-standing
Material	aluminum (body, roof) stainless steel (frame, plinth)	aluminum	stainless steel (body, roof) aluminum (mounting plate)	stainless steel (body, roof) aluminum (mounting 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 coating with UV protection	polyester powder coating with UV protection	polyester powder coating with UV protection	polyester powder coating with UV protection
Dimensions—hight	600, 800, 1000, 1200, 1400, 1600, 2000 mm	500, 600, 800 mm	300, 400, 500, 600, 800, 1000, 1200 mm	1400, 1600, 1800, 2000 mm
Dimensions—wide	650, 800, 1000 mm	400, 600 mm	200, 300, 400, 500, 600, 800 mm	600, 800, 1000 mm
Dimensions—depth	400, 500, 600, 700, 800, 1000 mm	400, 500, 600 mm	155, 210, 250, 300, 400 mm	300, 400, 500 mm

Cooling, Heating & Environmental Monitoring

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

Cooling Units

- Cooling capacity from 0.29 to 4 kW
- IP rating: IP56
- Operating temperature range from −40 °C up to +55 °C
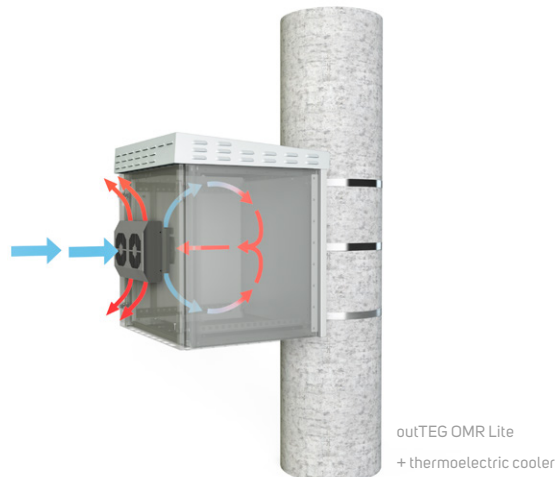- Certification: CE, cURus, cULus

outTEG OMR
+ cooling unit

Thermoelectric Coolers

- Cooling capacity from 0.1 to 0.8 kW
- IP rating: IP66
- Operating temperature range from −20 °C up to +65 °C

Filter Fans

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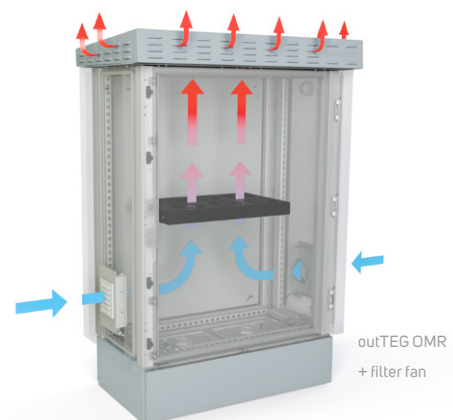
Heaters

- Thermal output from 0.25 to 0.8 kW
- IP rating: IP20
- Operating temperature range from −10 °C up to +50 °C

outTEG OMR Lite
+ thermoelectric cooler

Environmental Monitoring

- Monitoring system RAMOS Plus comes in two versions: the standard variant and the GSM variant with a built-in GSM modem and an external antenna
- 4 intelligent ports, adjustable as input or output
- Communication: LAN: SNMP v1, v2, and v3; Modbus TCP, GSM: GSM version only
- E-mails or SNMP trap notifications

outTEG OMR
+ filter fan

outTEG OMR

Double-walled Free-standing Outdoor Cabinets

Suitable for projects where there are strict requirements for a stable internal climate
Aluminum/Stainless Steel
Polyester powder coat with UV protection
PUR non-porous gasket—suitable for extreme temperature range

MAIN ADVANTAGES

- **The double-walled construction keeps the internal temperature up to 10 % lower** than single-walled cabinets providing additional protection against vandals.
- **Possible to assemble into a row**
- Highest protection against corrosion
- **IP66** dust and water protection
- Cabinets include a plinth and roof
- **Welded stainless steel cabinet frame and plinth**
- All removable parts are made of aluminum AlMg3 (door, rear/side panels, roof)
- Wide range of system accessories
- Earthquake zone rating (Bellcore)

Cooling	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 monitoring system
Online Configurator	www.conteg.com/configurators
Modifications	Tailor-made customer solutions—cut-outs according to your requirements before and after final surface finishing accessories

outTEG OMR Lite

Double-walled Pole/Wall Mount Outdoor Cabinets

Suitable for projects where the installed equipment has low to medium heat dissipation
Aluminum/Stainless Steel
Polyester powder coat with UV protection
PUR non-porous gasket—suitable for extreme temperature range

MAIN ADVANTAGES

- **The compact, double-walled construction keeps the internal temperature up to 10 % lower** than single-walled cabinets.
- Highest protection against corrosion
- **IP65** dust and water protection
- Vandal-proof
- **Integrated roof**
- Wide range of system accessories

Cooling	thermoelectric coolers (0.1—0.2 kW)
Heating	heaters
Monitoring	RAMOS Plus monitoring system
Modifications	Tailor-made customer solutions—cut-outs according to your requirements before and after final surface finishing accessories

WME-O

Single-walled Compact Outdoor Cabinets for Pole or Wall Mounting

Suitable for projects with installations of smaller volumes of equipment
Stainless-steel 1.4016 (AISI 403), on request stainless-steel 1.4301 (AISI 304)
Polyester powder coat with UV protection
PUR non-porous gasket—suitable for extreme temperature range

MAIN ADVANTAGES

- Single-walled construction
- Single-door design
- Highest protection against corrosion
- **IP66** dust and water protection
- Mounting plate with a marked raster 50 × 50 mm
- **Left/right door hinge replacement**
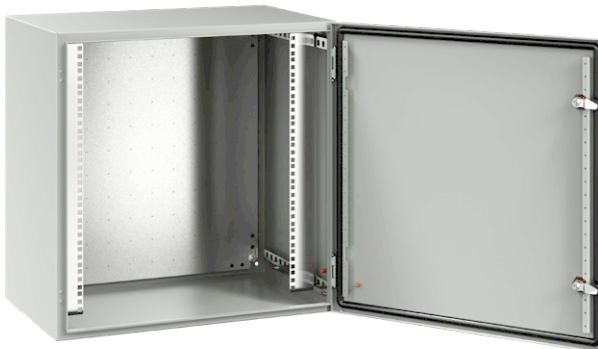- Wide range of system accessories

Cooling	filter fans
Heating	heaters
Monitoring	RAMOS Plus monitoring system
Modifications	Tailor-made customer solutions—cut-outs according to your requirements before and after final surface finishing accessories

FSM-O

Single-walled Free-standing Outdoor Cabinets

Suitable for projects with installations of large volumes of equipment
Stainless-steel
Polyester powder coat with UV protection
PUR non-porous gasket—suitable for extreme temperature range

MAIN ADVANTAGES

- Welded compact construction with integrated side panels
- **Load capacity 700 kg**
- Highest protection against corrosion
- **IP55** dust and water protection
- **Maximum use of interior space**—possibility of placing the mounting plate between the rear posts
- Possible to be installed without an additional supporting plinth
- Wide range of system accessories

Cooling	cooling units (0.3—4 kW) filter fans
Heating	heaters
Monitoring	RAMOS Plus monitoring system
Modifications	Tailor-made customer solutions—cut-outs according to your requirements before and after final surface finishing accessories

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