



Your system partner for

- **Housings / Enclosures**
- **Climate control**
- **Control Cabinet Components**
- **Lighting**



Housings / Enclosures

Compact enclosures

- Robust construction
- Powder coated RAL 7035, other colours on request
- Protection degree IP 55 or IP 66 (NEMA 4)
- Integrated mounting plate
- Extensive accessories



Compact stainless steel enclosures

- Brushed stainless steel AISI 304L (V2A) or AISI 316L (V4A)
- Up to IP66 / NEMA 4X, IK10
- Windowed door or sloped roof available
- Silicone seal
- Zinc coated mounting plate included
- cUL_{us} and EAC certified, Ex on request



Single and bayed inox enclosures

- Brushed inox AISI 304L oder AISI 316L
- Up to IP66/NEMA 12, NEMA 4X on request
- Impact resistance IK 10
- cUL_{us} and EAC certified, Ex on request
- Also available with double doors or front door with plexi



Console inox enclosures

- Brushed inox AISI 304L or AISI 316L
- IP55/NEMA 12
- Impact resistance IK 10
- cUL_{us} certified
- Cable entry in base plate
- Mounting plate included



Enclosures / Housings Outdoor IP56

- UV-resistant powder-coating
- Double-walled construction made of aluminum or sheet steel
- Peripheral silicone seal, protection degree IP56 (IP55)
- Welded base frame with detachable rear wall
- Bolted bottom flange plates
- Mounting plate, plinth and 19"-rails available



Enclosures / Housings Outdoor IP65

- UV-resistant powder-coating, RAL 7035/7046
- Double-walled construction made of aluminum
- Peripheral PUR seals on all mounting parts, protection degree IP65
- Frame with 25mm DIN grid made of stainless steel
- Mounting plate, plinth and 19"-rails available





Climate control

Fan / Filter fan

- Air throughput 16 to 2.365 m³/h
- AC supply voltages: 115, 230 und 400 VAC
- DC supply voltages: 12, 24 und 48 VDC
- Filter fans und exhaust filter
- Roof-mounted fans and ventilation
- Rack-mounted fans
- Fans / Axial fans



Heat Exchanger

- Air/Air-Heat exchanger with 16 to 85 W/K
- Air/Water-Heat exchanger with 350 to 25.000 W
- Supply voltages: 115, 230 and 400 VAC / 48 VDC
- For side and internal mounting, partly roof-mounting and 19"-Racks
- Powder coated sheet steel RAL 7035 or stainless steel
- Regulated and unregulated models
- cULus variants



Enclosure cooling units

- Cooling capacity from 300 to 10,000 W
- Variety of supply voltages (also DC)
- Powder coated sheet steel RAL 7035 or stainless steel
- For side-, internal- and roof-mounting, also 19" formats
- Units with IP54 to IP56, NEMA 3R/4/4X
- Special units for Spot- and Server cooling
- Temperature ranges from -40 to +65°C



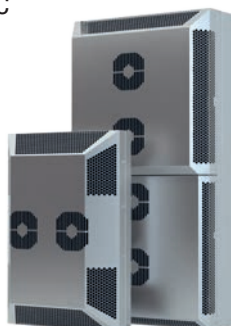
Cooling for 19" Enclosures / Racks

- Dimension to fit 19" device carrier
- Rack-mounted fan with 1HE
- Air throughput from 300 to 450 m³/h
- Air/Water-Heat Exchanger 2-6HE
- Heat exchanger cooling capacity from 1.000 to 2.000 W
- Compressor cooling units with 5-7HE
- Cooling units cooling capacity from 550 to 1.050 W



Peltier / thermoelectric cooling units

- Cooling capacity from 34 to 480 W
- Position independent usage
- Supply voltages: 12, 24, 48 VDC and 230 VAC
- Temperature ranges from -40°C up to +80°C
- Protection degree up to IP67 / NEMA 4X
- shock resistant up to 10G
- Pure electric cooling: no liquids
- Surface cooler



Chiller

- Cooling capacity from 1.200 to 51.000 W
- Water and oil chiller
- Free Cooling versions
- Electronic control
- Integrated tank
- Bypass to protect the pump
- Options for individual applications





Schaltschrankkomponenten

Enclosure heaters

- Heating power from 15 to 2,000 W
- DC and AC supply voltages, also wide-range voltages
- PTC elements or resistance heaters
- Clip or screw fastening
- Optional control via thermostat




Thermostats, controller and modules

- Thermostats for temperature controlling
- Hygrostats for relative humidity controlling
- Thermostats for control of Peltier devices
- Adjustable or tamper-proof thermostats
- Electromechanical and electronic versions



Lighting

Enclosure lamps

- LED or conventional enclosure lighting
- Energy efficient, durable and maintenance-free
- Integrated power supply / electronic ballast
-  us variants
- Clip, screw, or magnetic mount
- Through-wiring
- Wide-range voltage



Enclosure lamps with socket

- LED or conventional lighting
- Energy efficient, durable and maintenance-free
- Integrated power supply / electronic ballast
- Integrated DE/RU socket, other versions on request
- Clip, screw, or magnetic mount
- Through-wiring
- Wide-range voltage



Machine tube lamps

- Output of 5 to 58 W
- Diameter 50, 60, 70mm or 40x40mm
- Tube material acrylic, polycarbonate or borosilicate
- 24VAC or 230VAC, other voltages on request
- Protection degree IP 67



LED machine tube lamps

- Output of 11 to 73 W
- Diameter 28, 50, 60, 70mm or 40x40mm
- Tube material acrylic, polycarbonate or borosilicate
- 24VAC/DC, other voltages on request
- Protection degree IP 67





Quality

We offer you high-quality and coordinated devices and components that have already proven themselves in use. The products are manufactured according to ISO 9001 standard.

Diversity

Durch unser breites Produktportfolio finden wir für Ihre Anwendung die passende Lösung aus ca. 1.000 Kühlgerätevarianten. Auch individuell und genau auf Ihr Anforderungsprofil zugeschnitten. Gängige Produkte sind bei uns lagermäßig verfügbar.

Experience

30 years of experience in enclosure air conditioning and more than 100.000 devices in the field attest to our high competence as a supplier and partner for industry.



Service

You receive support from us not only before the purchase but also afterwards. We accompany you during the entire product life cycle. Short reaction times through our competent hotline are part of our service.





You can find our international partners at www.fuhrmeister-gmbh.de/globalsource

Fuhrmeister + Co GmbH

Stahlschmidtsbrücke 61
42499 Hückeswagen
Germany

Fon: +49 (0) 2192 9376 4-0
Fax: +49 (0) 2192 9376 4-44

info@fuhrmeister-gmbh.de
www.fuhrmeister-gmbh.de



Our complete product range can be found on our website.

