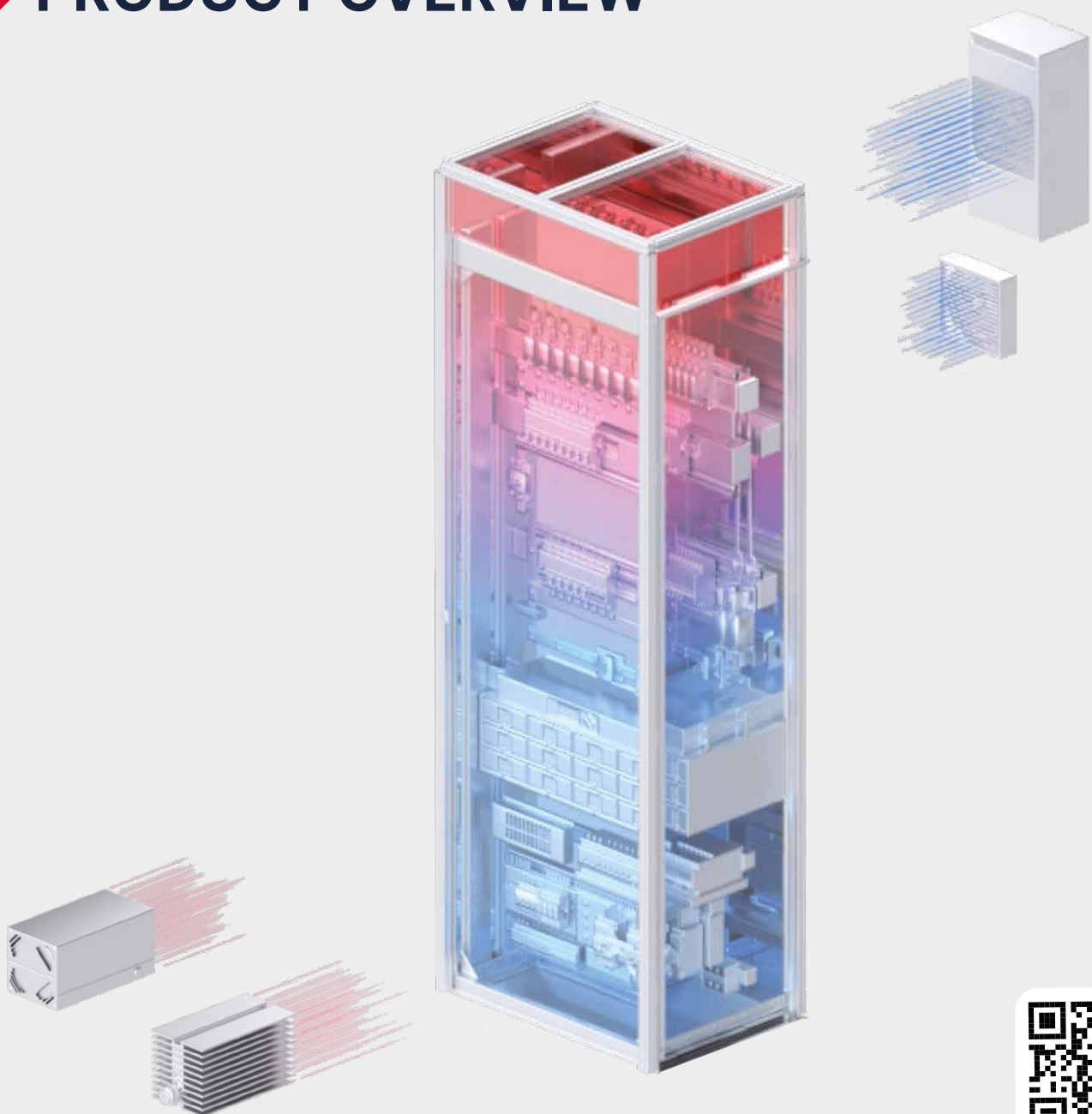


We manage the climate

Switch cabinet heatings and switch cabinet cooling devices for perfect protection!

▶ PRODUCT OVERVIEW



Lm-therm: the specialist for electric cabinet climatisation

Prevent damage to your systems. Trust in our expertise.

We offer a large selection of electric cabinet heaters, thermostats and hygrometers, filter fans, peltier cooling units, compressor cooling units and LED enclosure lights. Lm-therm has a customised solution for any requirement. Always the right product for you from one source:

Heating

The Lm-therm switch cabinet heating for the switch cabinet in many voltages (12 V/24 V DC-230 V/400 V AC)! Perfect protection against condensation and **100% Made in Germany!**

Manage

Perfectly designed thermostats and hygrometers for your switch cabinet! Maximum operational safety for your electronics!

Ventilation

The right filter fan, roof fan and exhaust filter! With switch cabinet fans, you simply get the heat out of the switch cabinet!

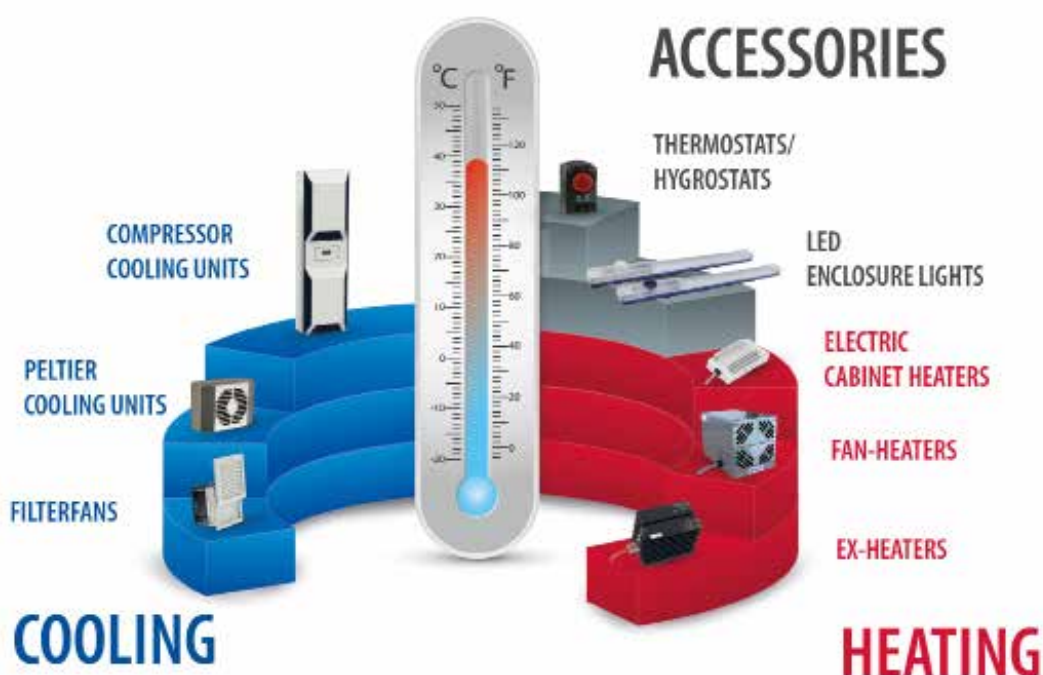
Cooling

Peltier cooling devices and switch cabinet cooling instruments (indoor/outdoor) – guarantee for an optimal climate and perfect protection against overheating!

Accessory

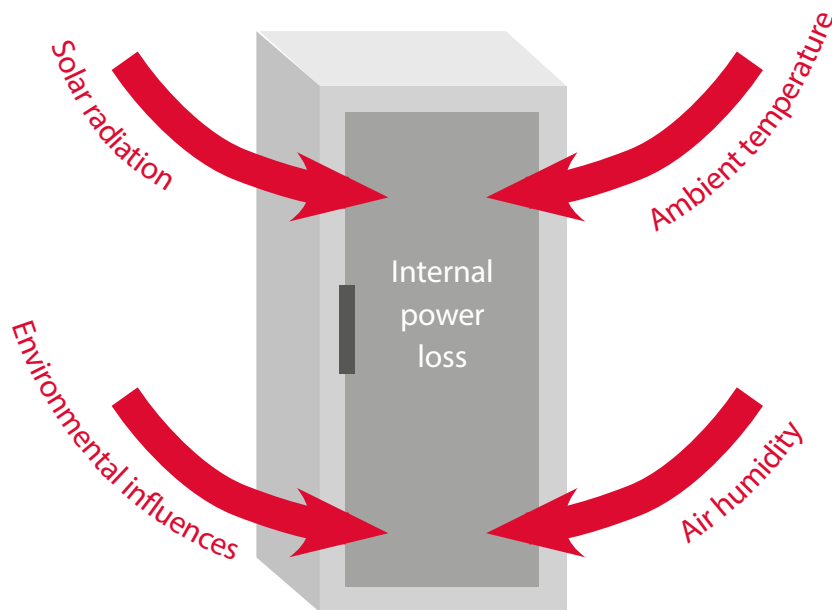
Do you need light in your switch cabinet? We have the right LED switch cabinet light for you!

We are happy to provide a suitable solution for your application! We also provide on-site consultation



Why electric cabinet climatisation?

There are several factors that makes climatisation of an electric cabinet necessary:



Lm-therm has the solutions:

Electric cabinet heaters

Especially in case of outside applications, temperature variations inside electric cabinets result in humidity and condensation which can then lead to malfunctions and corrosion. Electric cabinet heaters will ensure the temperature compensation and counteract the formation of condensed water.

Filter fans and thermostats

Filter fans are used when the desired electric cabinet temperature is allowed to stay consistently above the ambient temperature. Combined with Lm-therm thermostats, you can also save energy, thereby extending the service life of the filter fans!

Peltier cooling units

Peltier cooling units - in contrast to conventional cooling units - can be mounted in any position; the operation is also independent of the mounting position. The devices are more robust, less prone to failure and are characterised by a compact and small design (IP66).

Compressor cooling units

Cooling units are used if the required heat can no longer be continuously dissipated via the ambient air, if the required temperature inside the electric cabinet should be equal to or below the ambient temperature, if the ambient air is highly polluted or if the air humidity is high.

Electric cabinet heaters with integrated thermostat

Lm-therm electric cabinet heaters with integrated thermostat are equipped with durable ceramic heatable window panes and are embedded in an aluminium cabinet, which accords to the thermotechnical guidelines.

Configuration characteristics:

- power zones: 10W - 1000W
- voltage zones: 12V - 750V
- industrial safety through the integrated thermostat
- different temperature settings
- low surface temperature
- possibility of variation regarding heating power, voltage, assembly, connection and dimensions
- high degree of protection is possible
- energy-saving
- possibility of UL-certification
- customer-specific applications are possible

PTC electric cabinet heaters

The PTC electric cabinet heaters of Lm-therm are equipped with special drafted aluminium frames and the PTC-elements are equipped with a sophisticated system of cooling fins.

Configuration characteristics:

- power zones: 10W - 500W
- for applications in high voltage zones (110V - 265V)
- electrical grounding is not necessary because of protection class II
- dynamical heating
- self-regulating
- customer-specific applications are possible

super-mini 10W - 20W



super-super-mini 10W - 50W



P70 20W - 75W



P70 100W - 175W



Lm-therm 30W - 90W



LH1502 33W - 125W



P70 240W



Maxi 130W - 180W



LH3002 130W - 500W



P-ssm 20W - 30W



P-65 10W - 50W



super-maxi 250W - 500W



SRK-mini-AL 50W - 150W



P-25 10W - 50W



Wadi-LH IP 65 250W - 380W



Wadi-IP 65 180W - 500W



Fan electric cabinet heaters

Lm-therm fan- and blower heaters are suited for power-intensive sectors and for applications with a difficult convection.

Configuration characteristics:

- power zones: 100W - 8000W
- mechanical sturdy metal case without plastics
- vibration-safe
- adequate for high heat output
- power-coated surface
- temperature limiter in case of heat accumulation
- dynamic heat power
- guaranteed living period
- constant heat dissipation
- customer-specific applications are possible

Ventstar S 100W - 200W



Ventstar M 180W - 500W



GX-Mini 200W/300W/400W



GH2000 2000W



GH4000 4000W



Fan electric cabinet heaters

Ex electric cabinet heaters of Lm-therm are drafted for the application in explosionperiled sectors, for example establishments, chemistry laborat or gas stations. As explosion-protected equipment the heaters accord to the requirements of standard 2014/34/EU.

Configuration characteristics:

- zone 1/21 und zone 2/22
- different temperature classes: T3 - T5
- voltage 115V or 230V
- special screw connection
- degree of protection IP66/67
- high performance cartridge

Ex-Heizung 25W - 70W



Ex-Heizung 100W - 400W



THERMOSTATS / HYGROSTATS



- Rapid installation
- Different versions
- Mounting on DIN-Rail



Technical data electromechanical thermostats / hygrostats

| ORDER-NO. | DESCRIPTION | SETTING RANGE | DIFFERENTIAL GAP | OPERATING VOLTAGE | SWITCH. CURRENT - OHMIC (INDUCTIVE) | KIND OF PROTECTION | CERTIFICATION |
|-----------|---|---------------|------------------|-----------------------------|-------------------------------------|--------------------|---------------|
| 910006 | Adjustable thermostat (NC) | -10 - 80°C | +/- ca. 3K | 250V AC / 72V DC (max. 30W) | 16A / 10A (ind) | IP20 | CE, cURus |
| 910008 | Adjustable thermostat (NO) | -10 - 80°C | +/- ca. 3K | 250V AC / 72V DC (max. 30W) | 16A / 10A (ind) | IP20 | CE, cURus |
| 910016 | Changeover thermostat with thermal feedback | 0 - 60°C | 4-7K/1K | 250V AC / 72V DC (max. 30W) | 16A / 10A (ind) | IP20 | CE, cURus |
| 910200 | Mechanical changeover thermostat | 40-90% r.H. | 5% r.H. | 230V AC | 2A hum / 5A dehum | IP20 | CE, cURus |

Technical data electromechanical twinthermostats

| ORDER-NO. | NO. DESCRIPTION | SETTING RANGE | DIFFERENTIAL GAP | OPERATING VOLTAGE | SWITCH. CURRENT - OHMIC (INDUCTIVE) | KIND OF PROTECTION | CERTIFICATION |
|-----------|------------------------------------|---------------|------------------|-----------------------------|-------------------------------------|--------------------|---------------|
| 910010 | Adjustable twin thermostat (NC/NC) | -10 - 80°C | +/- ca. 3K | 250V AC / 72V DC (max. 30W) | 16A / 10A (ind) | IP20 | CE, cURus |
| 910012 | Adjustable twin thermostat (NO/NO) | -10 - 80°C | +/- ca. 3K | 250V AC / 72V DC (max. 30W) | 16A / 10A (ind) | IP20 | CE, cURus |
| 910014 | Adjustable twin thermostat (NC/NO) | -10 - 80°C | +/- ca. 3K | 250V AC / 72V DC (max. 30W) | 16A / 10A (ind) | IP20 | CE, cURus |

Technical data electronic thermostats / hygrostats

| ORDER-NO. | DESCRIPTION | SETTING RANGE | DIFFERENTIAL GAP | OPERATING VOLTAGE | SWITCH. CURRENT - OHMIC (INDUCTIVE) | KIND OF PROTECTION | CERTIFICATION |
|-----------|----------------------------------|---------------|------------------|-------------------|-------------------------------------|--------------------|---------------|
| 910018 | Electronic changeover thermostat | -10°C - 80°C | +/- ca. 3K | 24V DC | 16A | IP20 | CE, cURus |
| 910019 | Electronic changeover thermostat | -10°C - 80°C | +/- ca. 3K | 100V - 250V | 100V / 250V 15A / 10A | IP20 | CE, cURus |
| 910201 | Electronic changeover hygrostat | 10 - 90% r.H. | 5% r.H. | 24V DC / 100W | 16A | IP20 | CE, cURus |

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Status: 05/2019

FILTERFANS AND OUTLET FILTERS



- Rapid installation
- Increased operational safety
- EMC compliance
- Slide opening for easy filter change



Technical data for all variants

- Operating temperature: -10°C - +55°C
- Kind of protection/ class: IP54 / SK I
- 24V and 48V versions on request
- Quality fans
- Material: ABS UL94V-0
- Colour: RAL7035
- Mounting: selfsnapping without screws

Technical data filterfans

| ORDER-NO. | TYP | DIMENSIONS LXBXT | VOLTAGE (V/HZ) | CUTTING (MM) | MAX. AIRFLOW (M ³ /H) | CERTIFICATION |
|-----------|---------------|---------------------|-------------------|--------------|-------------------------------------|---------------|
| 902000 | Lm-500 | 106,5x106,5x79,5 | 230 / 50/60 | 92,5x92,5 | 24 | CE |
| 900100 | FL-900100-106 | 106,5x106,5x79,5 | 230 / 50/60 | 92,5x92,5 | 22 | CE, cURus |
| 900101 | FL-900101-106 | 106,5x106,5x79,5 | 120 / 50/60 | 92,5x92,5 | 22 | CE, cURus |
| 900106 | FL-900106-150 | 150x150x73,2 | 230 / 50/60 | 124x124 | 67 | CE, cURus |
| 900108 | FL-900108-150 | 150x150x73,2 | 120 / 60 | 124x124 | 67 | CE, cURus |
| 900140 | FL-900140-203 | 203,9x203,9x95,5 | 230 / 50/60 | 177x177 | 110 | CE, cURus |
| 900112 | FL-900112-203 | 203,9x203,9x95,5 | 120 / 60 | 177x177 | 130 | CE, cURus |
| 900122 | FL-900122-250 | 250x250x124,2 | 230 / 50/60 | 223x223 | 270 | CE, cURus |
| 900124 | FL-900124-250 | 250x250x124,2 | 120 / 60 | 223x223 | 270 | CE, cURus |
| 900126 | FL-900126-325 | 325x325x160,2 | 230 / 50/60 | 291x291 | 580 | CE, cURus |
| 900128 | FL-900128-325 | 325x325x160,2 | 120 / 60 | 291x291 | 580 | CE, cURus |

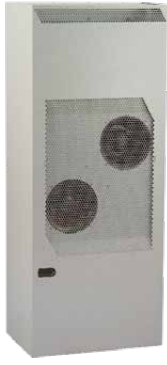
Technical data outlet filters

| ORDER-NO. | TYP | DIMENSIONS LXBXT | OPERATING TEMPERATURE | CUTTING (MM) | FILTERING CLASS EN779 | CERTIFICATION | FILTER MAT (REPLACEMENT) |
|-----------|---------------|---------------------|--------------------------|--------------|--------------------------|---------------|-----------------------------|
| 900000 | FL-900000-106 | 106,5x106,5x23,2 | -10°C - +55°C | 92,5x92,5 | G3 | CE, cURus | on request |
| 900001 | FL-900001-150 | 150x150x29,2 | -10°C - +55°C | 125x125 | G3 | CE, cURus | 900801 |
| 900002 | FL-900002-203 | 203,9x203,9x29,5 | -10°C - +55°C | 177x177 | G3 | CE, cURus | 900802 |
| 900003 | FL-900003-250 | 250x250x33,8 | -10°C - +55°C | 223x223 | G3 | CE, cURus | 900803 |
| 900004 | FL-900004-325 | 325x325x34 | -10°C - +55°C | 291x291 | G3 | CE, cURus | 900804 |

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Status: 08/2018



COMPRESSOR COOLING UNITS – INDOOR

- Virtually maintenance free
- Adjustable electronic controller with display (rear)
- Standard recess depth of 90 mm
- Nano-coated hydrophobic condensor
- Special versions and accessories on request



Technical data ComPact Indoor (with frame - Type: KG-A)

| ORDER-NO. | TYP | SUPPLY VOLTAGE (V/Hz)* | COOLING CAPACITY L35/L35 (W) | OPERATING TEMPERATURE | SETTING RANGE | WEIGHT (KG) | DIMENSIONS LxBxT | HOUSING MATERIAL | CERTIFICATION |
|-----------|-----------|------------------------|------------------------------|-----------------------|---------------|-------------|------------------|----------------------|---------------|
| 931000 | KG-A 4304 | 230 / 50-60 | 320 | +10°C - +55°C | +20°C - +50°C | 20,0 | 500x280x200 | mild steel, RAL 7035 | CE, cURus |
| 931001 | KG-A 4305 | 230 / 50-60 | 550 | +10°C - +55°C | +20°C - +50°C | 27,7 | 650x315x260 | mild steel, RAL 7035 | CE, cURus |
| 931002 | KG-A 4308 | 230 / 50-60 | 750 | +10°C - +55°C | +20°C - +50°C | 27,7 | 650x315x260 | mild steel, RAL 7035 | CE, cURus |
| 931003 | KG-A 4309 | 230 / 50-60 | 850 | +10°C - +55°C | +20°C - +50°C | 30,0 | 650x315x260 | mild steel, RAL 7035 | CE, cURus |
| 931004 | KG-A 4310 | 230 / 50-60 | 1000 | +10°C - +55°C | +20°C - +50°C | 30,0 | 650x315x260 | mild steel, RAL 7035 | CE, cURus |
| 931005 | KG-A 4315 | 230 / 50-60 | 1500 | +10°C - +55°C | +20°C - +50°C | 39,7 | 980x395x260 | mild steel, RAL 7035 | CE, cURus |
| 931006 | KG-A 4320 | 230 / 50-60 | 2000 | +10°C - +55°C | +20°C - +50°C | 44,2 | 980x395x260 | mild steel, RAL 7035 | CE, cURus |
| 931007 | KG-A 4325 | 400/460 / 50-60 (2ph) | 2500 | +10°C - +55°C | +20°C - +50°C | 65,0 | 1230x500x340 | mild steel, RAL 7035 | CE, cURus |
| 931008 | KG-A 4330 | 400/460 / 50-60 (2ph) | 3000 | +10°C - +55°C | +20°C - +50°C | 72,5 | 1230x500x340 | mild steel, RAL 7035 | CE, cURus |
| 931009 | KG-A 4340 | 400/460 / 50-60 (2ph) | 4000 | +10°C - +55°C | +20°C - +50°C | 70,0 | 1230x500x340 | mild steel, RAL 7035 | CE, cURus |

*special voltage on request

Technical data ComPact Indoor (recessed - Type: KG-H)

| ORDER-NO. | TYP | SUPPLY VOLTAGE (V/Hz)* | COOLING CAPACITY L35/L35 (W) | OPERATING TEMPERATURE | SETTING RANGE | WEIGHT (KG) | DIMENSIONS LxBxT | HOUSING MATERIAL | CERTIFICATION |
|-----------|-----------|------------------------|------------------------------|-----------------------|---------------|-------------|------------------|----------------------|---------------|
| 931101 | KG-H 4305 | 230 / 50-60 | 550 | +10°C - +55°C | +20°C - +50°C | 27,7 | 715x372x260 | mild steel, RAL 7035 | CE, cURus |
| 931102 | KG-H 4308 | 230 / 50-60 | 750 | +10°C - +55°C | +20°C - +50°C | 27,7 | 715x372x260 | mild steel, RAL 7035 | CE, cURus |
| 931103 | KG-H 4309 | 230 / 50-60 | 850 | +10°C - +55°C | +20°C - +50°C | 30,0 | 715x372x260 | mild steel, RAL 7035 | CE, cURus |
| 931104 | KG-H 4310 | 230 / 50-60 | 1000 | +10°C - +55°C | +20°C - +50°C | 30,0 | 715x372x260 | mild steel, RAL 7035 | CE, cURus |
| 931105 | KG-H 4315 | 230 / 50-60 | 1500 | +10°C - +55°C | +20°C - +50°C | 39,7 | 1045x452x270 | mild steel, RAL 7035 | CE, cURus |
| 931106 | KG-H 4320 | 230 / 50-60 | 2000 | +10°C - +55°C | +20°C - +50°C | 44,2 | 1045x452x270 | mild steel, RAL 7035 | CE, cURus |
| 931107 | KG-H 4325 | 400/460 / 50-60 (2ph) | 2500 | +10°C - +55°C | +20°C - +50°C | 65,0 | 1295x557x340 | mild steel, RAL 7035 | CE, cURus |
| 931108 | KG-H 4330 | 400/460 / 50-60 (2ph) | 3000 | +10°C - +55°C | +20°C - +50°C | 72,5 | 1295x557x340 | mild steel, RAL 7035 | CE, cURus |
| 931109 | KG-H 4340 | 400/460 / 50-60 (2ph) | 4000 | +10°C - +55°C | +20°C - +50°C | 70,0 | 1295x557x340 | mild steel, RAL 7035 | CE, cURus |

*special voltage on request

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COMPRESSOR COOLING UNITS – OUTDOOR

- Suitable for most outdoor applications without filter
- Stainless steel models comply to NEMA Type 4X
- Adjustable electronic controller with display (rear)
- All models fitted with condensate evaporation
- Virtually maintenance free



Technical data ComPact Outdoor (with frame - Type: OC)

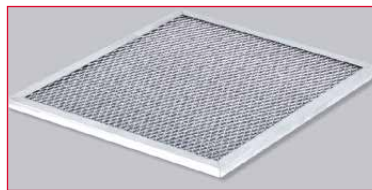
| ORDER-NO. | TYP | SUPPLY VOLTAGE (V/Hz)* | COOLING CAPACITY L35/L35 (W) | OPERATING TEMPERATURE | SETTING RANGE | WEIGHT (KG) | DIMENSIONS LxBxT | HOUSING MATERIAL | CERTIFICATION |
|-----------|---------|------------------------|------------------------------|-----------------------|---------------|-------------|------------------|----------------------|---------------|
| 932000 | OC 5704 | 230 / 50-60 | 300 | -20°C - +55°C | +20°C - +50°C | 15,2 | 480x250x190 | mild steel, RAL 7035 | CE, cURus |
| 932001 | OC 5705 | 230 / 50-60 | 550 | -20°C - +55°C | +20°C - +50°C | 30,0 | 830x304x270 | mild steel, RAL 7035 | CE, cURus |
| 932002 | OC 5708 | 230 / 50-60 | 750 | -20°C - +55°C | +20°C - +50°C | 30,0 | 830x304x270 | mild steel, RAL 7035 | CE, cURus |
| 932003 | OC 5709 | 230 / 50-60 | 850 | -20°C - +55°C | +20°C - +50°C | 32,0 | 830x304x270 | mild steel, RAL 7035 | CE, cURus |
| 932004 | OC 5710 | 230 / 50-60 | 1000 | -20°C - +55°C | +20°C - +50°C | 38,0 | 900x304x270 | mild steel, RAL 7035 | CE, cURus |
| 932005 | OC 5715 | 230 / 50-60 | 1500 | -20°C - +55°C | +20°C - +50°C | 42,0 | 1150x395x270 | mild steel, RAL 7035 | CE, cURus |
| 932006 | OC 5720 | 230 / 50-60 | 2000 | -20°C - +55°C | +20°C - +50°C | 49,0 | 1150x395x270 | mild steel, RAL 7035 | CE, cURus |
| 932007 | OC 5726 | 400/460 / 50-60 (2ph) | 2500 | -20°C - +55°C | +20°C - +50°C | 80,0 | 1550x457x355 | mild steel, RAL 7035 | CE, cURus |
| 932008 | OC 5731 | 400/460 / 50-60 (2ph) | 3000 | -20°C - +55°C | +20°C - +50°C | 77,2 | 1550x457x355 | mild steel, RAL 7035 | CE, cURus |
| 932009 | OC 5741 | 400/460 / 50-60 (2ph) | 4000 | -20°C - +55°C | +20°C - +50°C | 83,0 | 1550x457x355 | mild steel, RAL 7035 | CE, cURus |

*special voltage on request

Available accessories:



Fibre filter media



Aluminium filter



Filter holder stainless steel

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Status: 08/2018

PELTIER COOLING UNITS



- Suitable for Indoor and Outdoor applications
- Can be mounted in any position
- NEMA 4X rated
- Ingress protection rating of IP66
- Virtually maintenance free
- Special versions and accessories on request



Technical data peltier cooling units (recessed – type: ST-H)

| ORDER-NO. | TYP | SUPPLY VOLTAGE (V) | COOLING CAPACITY L35/L35W | OPERATING TEMPERATURE | WEIGHT (KG) | KIND OF PROTECTION | DIMENSIONS LXBXT | HOUSING MATERIAL | CERTIFICATION |
|-----------|-----------|--------------------|---------------------------|-----------------------|-------------|--------------------|------------------|---------------------------|---------------|
| 920000 | ST-H 3030 | 12V DC | 30 | -20 - +65°C | ca. 1,8 | IP66 | 110x154x128 | stainless steel 304 (V2A) | CE |
| 920001 | ST-H 3050 | 24V DC | 50 | -20 - +65°C | ca. 3,3 | IP66 | 206x154x135 | stainless steel 304 (V2A) | CE, cURus |
| 920002 | ST-H 3102 | 24V DC | 100 | -20 - +65°C | ca. 5,9 | IP66 | 200x304x138 | stainless steel 304 (V2A) | CE, cURus |
| 920004 | ST-H 3152 | 24V DC | 150 | -20 - +65°C | ca. 9,0 | IP66 | 400x180x171 | stainless steel 304 (V2A) | CE, cURus |
| 920005 | ST-H 3200 | 24V DC | 200 | -20 - +65°C | ca. 10,0 | IP66 | 400x180x171 | stainless steel 304 (V2A) | CE, cURus |
| 920003 | ST-H 6105 | 120-230V AC | 100 | -20 - +65°C | ca. 9,4 | IP66 | 280x356x118 | stainless steel 304 (V2A) | CE |
| 920007 | ST-H 6155 | 120-230V AC | 150 | -20 - +65°C | ca. 16,2 | IP66 | 500x330x194 | stainless steel 304 (V2A) | CE |
| 920008 | ST-H 6205 | 120-230V AC | 200 | -20 - +65°C | ca. 18,0 | IP66 | 500x330x207 | stainless steel 304 (V2A) | CE |
| 920010 | ST-H 6405 | 120-230V AC | 400 | -20 - +65°C | ca. 34,0 | IP66 | 600x432x140,5 | stainless steel 304 (V2A) | CE |
| 920011 | ST-H 6805 | 120-230V AC | 800 | -20 - +65°C | ca. 66,0 | IP66 | 972x514x140 | stainless steel 304 (V2A) | CE |

Technical data peltier cooling units (with frame - type: ST-A)

| ORDER-NO. | TYP | SUPPLY VOLTAGE (V) | COOLING CAPACITY L35/L35 (W) | OPERATING TEMPERATURE | WEIGHT (KG) | KIND OF PROTECTION | DIMENSIONS LXBXT | HOUSING MATERIAL | CERTIFICATION |
|-----------|-----------|--------------------|------------------------------|-----------------------|-------------|--------------------|------------------|---------------------------|---------------|
| 920100 | ST-A 3030 | 12V DC | 30 | -20 - +65°C | ca. 2,6 | IP66 | 280x356x166 | stainless steel 304 (V2A) | CE |
| 920101 | ST-A 3050 | 24V DC | 50 | -20 - +65°C | ca. 3,9 | IP66 | 302x158x137 | stainless steel 304 (V2A) | CE, cURus |
| 920102 | ST-A 3102 | 24V DC | 100 | -20 - +65°C | ca. 7,4 | IP66 | 302x306x140 | stainless steel 304 (V2A) | CE, cURus |
| 920104 | ST-A 3152 | 24V DC | 150 | -20 - +65°C | ca. 12,7 | IP66 | 500x188x174 | stainless steel 304 (V2A) | CE, cURus |
| 920105 | ST-A 3200 | 24V DC | 200 | -20 - +65°C | ca. 13,7 | IP66 | 500x188x174 | stainless steel 304 (V2A) | CE, cURus |
| 920103 | ST-A 6105 | 120-230V AC | 100 | -20 - +65°C | ca. 11,0 | IP66 | 280x356x166 | stainless steel 304 (V2A) | CE |
| 920107 | ST-A 6155 | 120-230V AC | 150 | -20 - +65°C | ca. 21,0 | IP66 | 500x330x207 | stainless steel 304 (V2A) | CE |
| 920108 | ST-A 6205 | 120-230V AC | 200 | -20 - +65°C | ca. 21,0 | IP66 | 500x330x207 | stainless steel 304 (V2A) | CE |
| 920110 | ST-A 6405 | 120-230V AC | 400 | -20 - +65°C | ca. 37,0 | IP66 | 600x430x212,5 | stainless steel 304 (V2A) | CE |
| 920111 | ST-A 6805 | 120-230V AC | 800 | -20 - +65°C | ca. 70,0 | IP66 | 972x514x212 | stainless steel 304 (V2A) | CE |

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Status: 08/2018

LED ENCLOSURE LIGHT

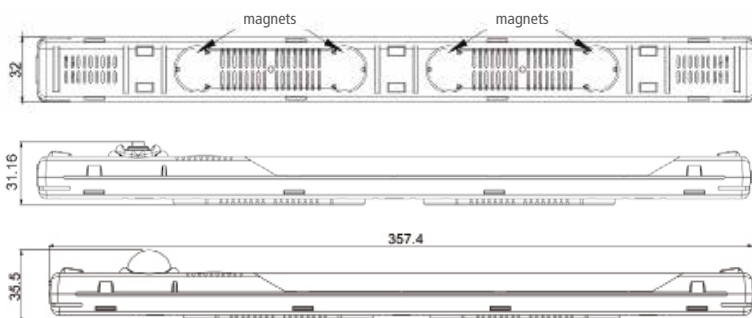


- **Universal supply voltage: 24-265V AC/DC**
- **Motion sensor or ON/OFF switch**
- **Wieland or pushfit connector**
- **Rapid installation due to magnet / clips**

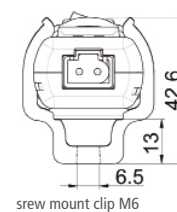


Technical data LED enclosure light

| ORDER-NO. | 940000 | 940001 | 940002 | 940003 | 940004 | 940005 |
|----------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| DESCRIPTION | Motion sensor, Wieland SL-4000-WB | Motion sensor, Pushfit SL-4000-PB | ON / OFF, Wieland SL-4000-W | ON / OFF, Pushfit SL-4000-P | Motion sensor, Wieland SL-4000-WB | ON / OFF, Wieland SL-4000-W |
| SUPPLY VOLTAGE (V/Hz) | 24-265 AC/DC / 50-60 | 24-265 AC/DC / 50-60 | 24-265 AC/DC / 50-60 | 24-265 AC/DC / 50-60 | 120-230 AC/DC / 50-60 | 120-230 AC/DC / 50-60 |
| POWER CONSUMPTION (W) | 4 | 4 | 4 | 4 | 8 | 8 |
| LAMP TYPE | LED, 120°C angle | LED, 120°C angle | LED, 120°C angle | LED, 120°C angle | LED, 120°C angle | LED, 120°C angle |
| LIGHT COLOUR / TEMPERATURE | Cool white / 6.500K | Cool white / 6.500K | Cool white / 6.500K | Cool white / 6.500K | Cool white / 6.500K | Cool white / 6.500K |
| LIGHT OUTPUT (LM) | 400 | 400 | 400 | 400 | 700 | 700 |
| DIMENSIONS (LxBxT) | 357,4x32x35,5 | 357,4x32x35,5 | 357,4x32x31,16 | 357,4x32x31,16 | 357,4x32x35,5 | 357,4x32x31,16 |
| HOUSING MATERIAL | PC clear (top), PC blue (base) | PC clear (top), PC blue (base) | PC clear (top), PC blue (base) | PC clear (top), PC blue (base) | PC frosted (top), PC blue (base) | PC frosted (top), PC blue (base) |
| WEIGHT (GRAM) | 140 | 140 | 140 | 140 | 140 | 140 |
| KIND OF PROTECTION | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 |
| KIND OF PROTECTION CLASS | PC II (double insulated) | PC II (double insulated) | PC II (double insulated) | PC II (double insulated) | PC II (double insulated) | PC II (double insulated) |
| OPERATING TEMPERATURE | -30°C - +70°C | -30°C - +70°C | -30°C - +70°C | -30°C - +70°C | -30°C - +70°C | -30°C - +70°C |
| LIFE TIME (WITH 20°C) | 40.000 Std. | 40.000 Std. | 40.000 Std. | 40.000 Std. | 60.000 Std. | 60.000 Std. |
| MOUNTING | Magnet, clips (upon delivery incl.) | Magnet, clips (upon delivery incl.) | Magnet, clips (upon delivery incl.) | Magnet, clips (upon delivery incl.) | Magnet, clips (upon delivery incl.) | Magnet, clips (upon delivery incl.) |
| CERTIFICATION | CE, cURus, CSA | CE, cURus, CSA | CE, cURus, CSA | CE, cURus, CSA | CE, cURus, CSA | CE, cURus, CSA |



mounting accessories



Pushfit connector
ø AWG 22 - 16
ø AWG 22 - 18



Wieland connector
ø 6 - 7,7 mm
ø AWG 20

The information described on this data sheet contains descriptions or characteristics, which could not apply in the described way in the concrete case. The information of the products can also change in the course of development. The desired characteristics are only binding in the case that they have been explicitly agreed with a contract conclusion. Delivery possibilities and technical changes reserved.

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Status: 08/2018

Why Lm-therm?



One-stop

All the components required for industrial air conditioning for the areas of heating, cooling, ventilation and control come from a single source, including our own cable production and assembly!



Competent consulting

In collaboration with you, we will analyse your switch cabinet air conditioning requirements and develop a custom-fit solution. We advise you and support you at any time. Whether „standard“ switch cabinet heating or customer-specific solutions, we can do both!



Partnership and quality

Our goal is a long-term customer relationship based on partnership, characterized by trust. We have been ISO 9001 certified since 2001. Durable products with high quality and good service are our claim.



Flexibility

With our know-how, our own development and our own production, we can respond flexibly to customer requests. From batch size 1 to series production, even with critical delivery times.

Contact us!

Do you need a consulting, an offer or do you have other questions about our products?

We are here to help you!



Lm-therm Elektrotechnik AG
Sulzbachstr. 15
94501 Aldersbach
Tel: +49 8543/6246030
Fax: +49 8543/6246040
E-Mail: info@lm-therm.de
www.lm-therm.de

