



SoliTherm

Control Cabinet Air Conditioning



...wegweisend innovativ

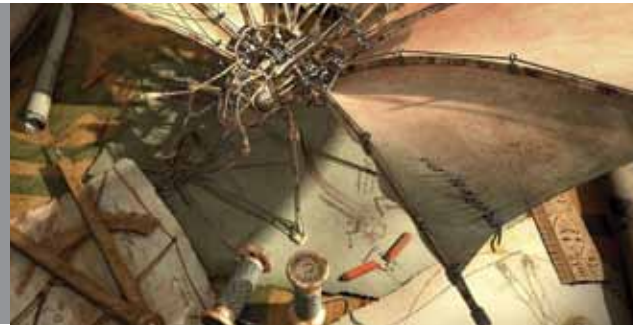
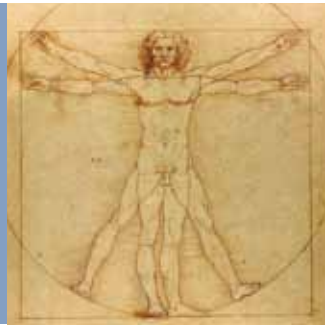


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Subject to technical changes.





Leonardo da Vinci

The Italian painter, sculptor, architect and scientist is considered a universal genius, whose work in art, philosophy and science are combined in a unique way.

He was the creator of many of the greatest masterpieces of painting, such as "the last Supper" and the "Mona Lisa".

A large number of designs for buildings, machinery, works of arts and sculptures, found no realization during his life time.

Doing and knowing were equally important to him. He drew his strength from painting, which he described as the queen of all sciences. Leonardo da Vinci conducted with his various researches and inventions of the late Renaissance also the scientific and technical progress into the early modern times.

The work of Leonardo is the result of a unique combination of scientific research and artistic creativity. Through his pioneering studies of mechanics and hydraulics Leonardo da Vinci invented a variety of new machines. His anatomical research contributed to a new image of humanity.

Leonardo da Vinci was well ahead of his times, and many of his infeasible looking inventions were actually realized centuries later.

Your partner for professional Thermal Management

Seifert mtm Systems ventilates, cools, dehumidifies, heats, controls and illuminates control cabinets for the industry, telecommunication and medical sector as well as for challenging environments like the food processing and car manufacturing industry.

Seifert has nearly 50 years' experience and expertise within the industrial thermal management. Extreme requirements like in outdoor, military applications and customized products fund are resolved in professional and timely manner.

With innovative technology starting with a comprehensive variety of high performance filter fans and heat exchangers, powerful cooling units to complex chiller solutions, we supply to our steady growing customer base all over the world.

Our accessories program includes cabinet heaters, thermostats and hygostats. An innovative range of energy efficient cabinet lighting complements our accessory portfolio.

With companies in Germany, Malta, Switzerland, USA and Australia and a global network of agents and service partners, Seifert is well represented in most industrial countries.

Our main objective is to maintain our leading market position for thermal management of control cabinets, by constantly improving ourselves and our products. New product developments combined with competence in production and service are setting the standard which gives the best possible benefits to our customers.

The new SoliTherm Indoor cooling units of the ComPact series, the filter less SlimLine series and the extreme compact Peltier series are setting new standards in terms of reliability, price-performance ratio and running costs. Like Leonardo Da Vinci's visions our slogan "wegweisend innovativ" combines vision and responsibility for everything we are doing.





SoliTherm ComPact series | the economical all-round solution

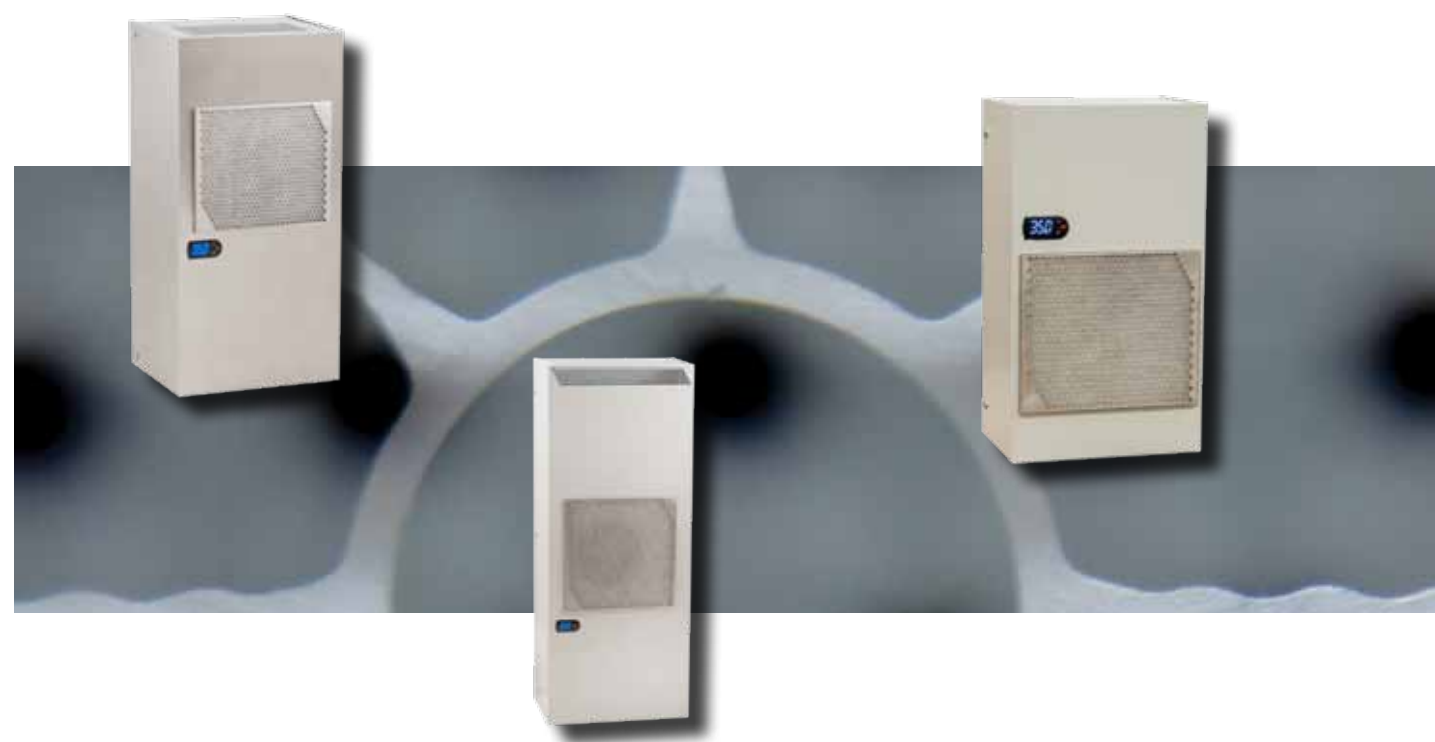
Based on our long experience in the development and production of air conditioners, we have optimized the ComPact series to achieve a high efficiency with outstanding COP values throughout all models.

Reliability and user friendly are the best ways to describe the electronic controller being used in the ComPact air conditioners. The display indicates temperature and operating status and can be easily set and adjusted by the user via a Touch Pad.

A complete model range of up to 4KW and user friendliness was the key ideas during the development. We have also placed a strong emphasis in standardizing components, versions and sizes thus diminishing the need of large spare part stocks, complex training or long unit selection processes.

The new ComPact series has a new approach to the air conditioning of control cabinets. The surface treated condenser and the high fin separation provide virtually maintenance free air conditioners for most of the environments.

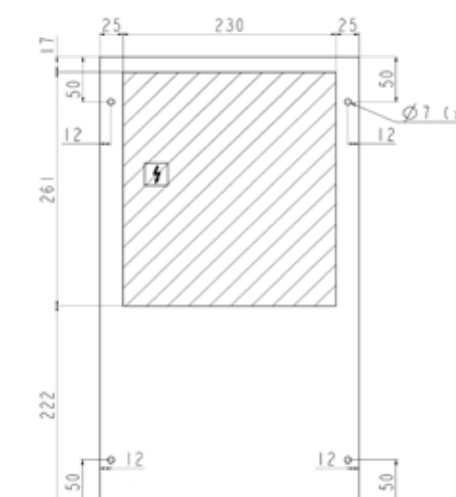
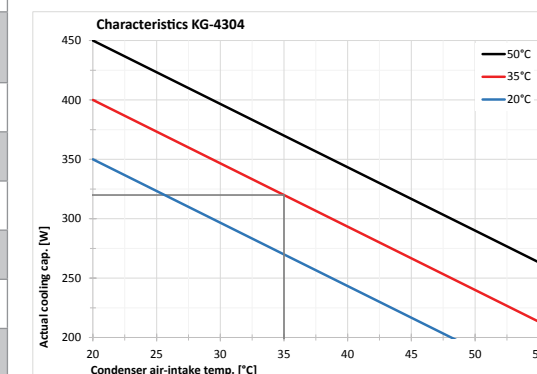
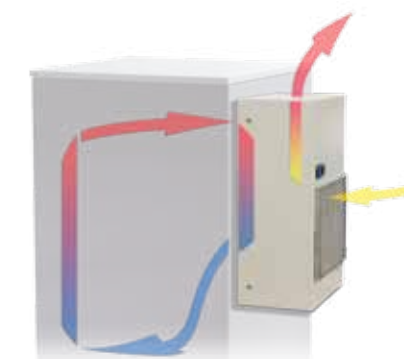
All ComPact units have a powder coated mild steel housing (RAL 7035). For applications where hygiene and corrosion protection are required, we offer a stainless steel cover for all ComPact models.



SoliTherm ComPact Series

KG 4304		
Type	KG 4304-230V	KG 4304-120V
Part-no.	43040001	43041001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	320 W @ 50 Hz 360 W @ 60 Hz	320 W @ 60 Hz
Cooling capacity L35L50	200 W @ 50 Hz 220 W @ 60 Hz	240 W @ 60 Hz
Compressor type	Reciprocating compressor	
Operating temp. range	20° C - 55° C	
Max. air flow	Ambient air circuit: 90 m³/h Cabinet air circuit: 117 m³/h	
Mounting	External	
Dimensions (H x W x D)	500 x 280 x 200 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Cut out area (H x W)	480 x 240 mm	
Weight	18 kg	
ELECTRICAL DATA		
Voltage / frequency	230 V - 50/60 Hz ~N	120 V - 60 Hz ~N
Rated current L35L35	1.9 A @ 50 Hz 2.0 A @ 60 Hz	3.8 A @ 60 Hz
Max. current	2.8 A	5.4 A
Starting current	6.1 A	12.5 A
Rated power consumption L35L35	335 W @ 50 Hz 380 W @ 60 Hz	275 W
Max. power consumption	550 W	
Fuse rating	6 A (T)	10 A (T)
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54	
Certification	CE	

Optional: Stainless steel, part no. 4304002 / 4304102



Cutout Areas

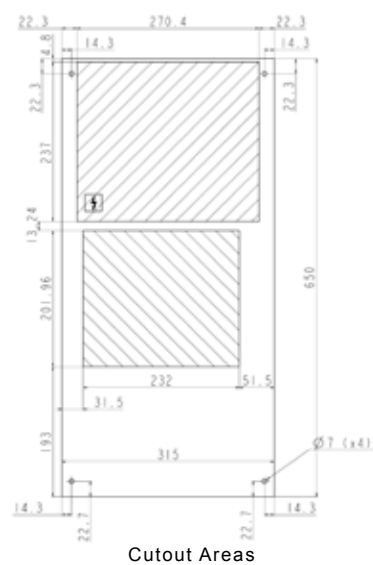
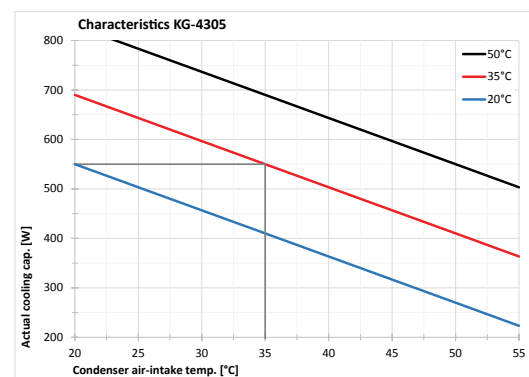
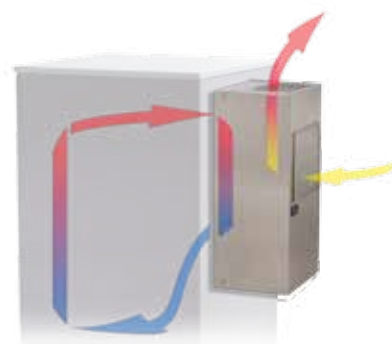


SoliTherm ComPact Series

KG 4305		
Type	KG 4305-230V	KG 4305-Combi
Part-no.	43050001	43053001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	550 W @ 50 Hz 620 W @ 60 Hz	550 W
Cooling capacity L35L50	410 W @ 50 Hz 440 W @ 60 Hz	410 W
Compressor type	Reciprocating compressor	
Operating temp. range	20° C - 55° C	
Max. air flow	Ambient air circuit: 475 m ³ /h Cabinet air circuit: 117 m ³ /h	
Mounting	External	
Dimensions (H x W x D)	650 x 315 x 260 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Cut out area (H x W)	635 x 275 mm	
Weight	27.7 kg	33.7 kg
ELECTRICAL DATA		
Voltage / frequency	230 V - 50/60 Hz ~N	120 V - 60 Hz ~N 400 V - 50/60 Hz ~N 460 V - 50/60 Hz ~N
Rated current L35L35	2.1 A @ 50 Hz 2.1 A @ 60 Hz	4.4 A @ 120 V - 60 Hz 1.4 A @ 400 V - 50/60 Hz 1.2 A @ 460 V - 50/60 Hz
Max. current	2.5 A	5.3 A @ 120 V / 1.6 A @ 400 V 1.4 A @ 460 V
Starting current	9.8 A	19.1 A @ 120 V / 4.3 A @ 400 V 4.3 A @ 460 V
Rated power consumption L35L35	370 W @ 50 Hz 400 W @ 60 Hz	440 W @ 120 V 410 W @ 400 / 460 V - 50 Hz 440 W @ 400 / 460 V - 60 Hz
Max. power consumption	510 W	560 W
Fuse rating	6 A (T)	10 A (T) @ 120 V 2 x 36 A (T) @ 400/460 V - 50/60 Hz
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54	
Certification	CE	

Optional: Stainless steel, part no. 4305002 / 4305102

Note: Depending on the wiring diagram, this unit can be operated at 120 V / 400 V and 460 V.



Cutout Areas

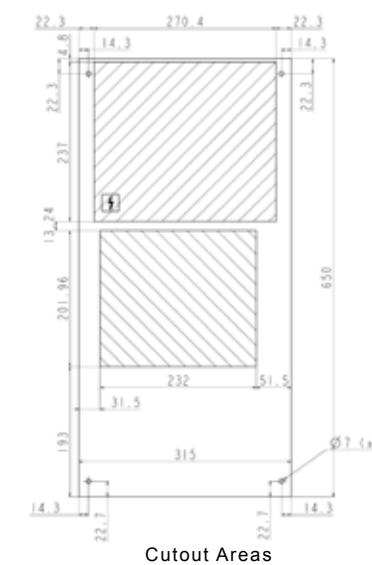
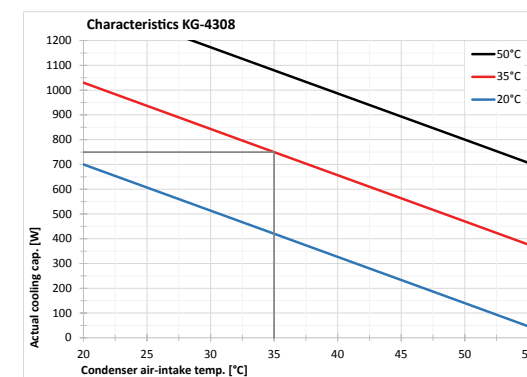
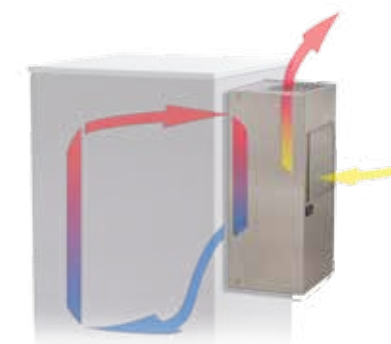


SoliTherm ComPact Series

KG 4308		
Type	KG 4308-230V	KG 4308-Combi
Part-no.	43080001	43083001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	750 W @ 50 Hz 780 W @ 60 Hz	750 W
Cooling capacity L35L50	470 W @ 50 Hz 510 W @ 60 Hz	480 W
Compressor type	Reciprocating compressor	
Operating temp. range	20° C - 55° C	
Max. air flow	Ambient air circuit: 475 m ³ /h Cabinet air circuit: 117 m ³ /h	
Mounting	External	
Dimensions (H x W x D)	650 x 315 x 260 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Cut out area (H x W)	635 x 275 mm	
Weight	27.7 kg	33.7 kg
ELECTRICAL DATA		
Voltage / frequency	230 V - 50/60 Hz ~N	120 V - 60 Hz ~N
Rated current L35L35	2.3 A @ 50 Hz 2.5 A @ 60 Hz	5.3 A @ 120 V - 60 Hz 1.6 A @ 400 V - 50/60 Hz 1.3 A @ 460 V - 50 Hz 1.4 A @ 460 V - 60 Hz
Max. current	3.8 A	6.4 A @ 120 V 2.4 A @ 400 V 2.1 A @ 460 V
Starting current	10.1 A	20.5 A @ 120 V / 4.5 A @ 400 V 4.5 A @ 460 V
Rated power consumption L35L35	410 W @ 50 Hz 490 W @ 60 Hz	540 W @ 120 V 450 W @ 400 / 460 V - 50 Hz 540 W @ 400 / 460 V - 60 Hz
Max. power consumption	780 W	860 W
Fuse rating	6 A (T)	16 A (T) @ 120 V 2 x 36 A (T) @ 400/460 V - 50/60 Hz
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54	
Certification	CE	

Optional: Stainless steel, part no. 4308002 / 4308102

Note: Depending on the wiring diagram, this unit can be operated at 120 V / 400 V and 460 V.



Cutout Areas

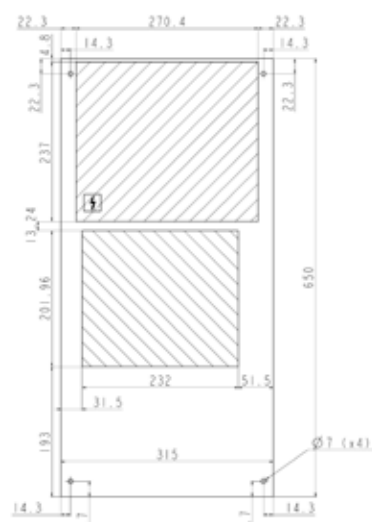
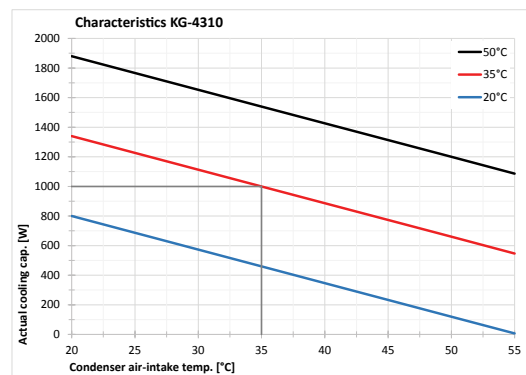
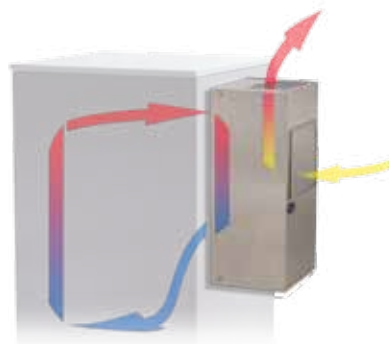


SoliTherm ComPact Series

KG 4310		
Type	KG 4310-230V	KG 4310-Combi
Part-no.	43100001	43103001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	1 kW @ 50 Hz 1.08 kW @ 60 Hz	1 kW
Cooling capacity L35L50	660 W @ 50 Hz 720 W @ 60 Hz	660 W @ 120 V - 60 Hz 720 W @ 400/460 V - 50/60 Hz
Compressor type	Reciprocating compressor	
Operating temp. range	20° C - 55° C	
Max. air flow	Ambient air circuit: 446 m ³ /h Cabinet air circuit: 298 m ³ /h	
Mounting	External	
Dimensions (H x W x D)	650 x 315 x 260 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Cut out area (H x W)	635 x 275 mm	
Weight	30 kg	36 kg
ELECTRICAL DATA		
Voltage / frequency	230 V - 50/60 Hz ~N	120 V - 60 Hz ~N
Rated current L35L35	3.2 A @ 50 Hz 3.2 A @ 60 Hz	6.7 A @ 120 V - 60 Hz 2.0 A @ 400 V - 50/60 Hz 1.8 A @ 460 V - 50/60 Hz
Max. current	4.1 A	8.6 A @ 120 V 2.6 A @ 400 V 2.3 A @ 460 V
Starting current	15.9 A	30.2 A @ 120V / 5.1 A @ 400 V 5.1 A @ 460 V
Rated power consumption L35L35	550 W @ 50 Hz 640 W @ 60 Hz	700 W @ 120 V 600 W @ 400 / 460 V - 50 Hz 700 W @ 400 / 460 V - 60 Hz
Max. power consumption	820 W	900 W
Fuse rating	10 A (T)	16 A (T) @ 120 V 2 x 3.6 A (T) @ 400/460V - 50/60Hz
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54	
Certification	CE	

Optional: Stainless steel, part no. 4310002 / 4310102

Note: Depending on the wiring diagram, this unit can be operated at 120 V / 400 V and 460 V.



Cutout Areas

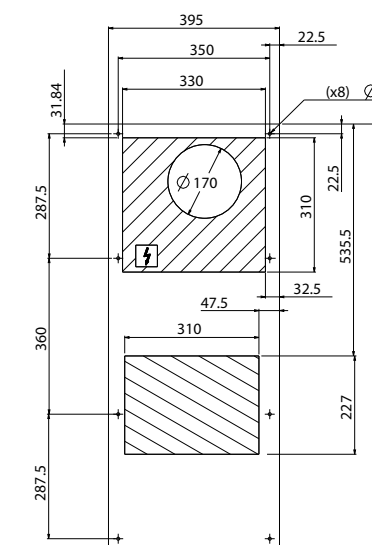
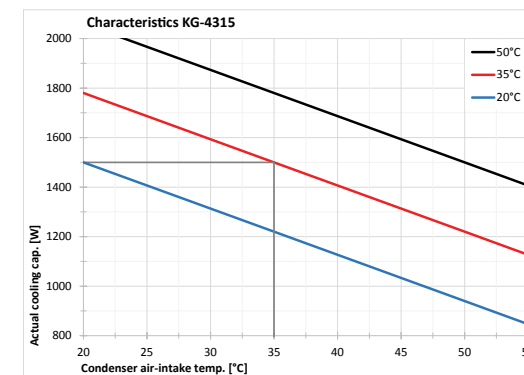
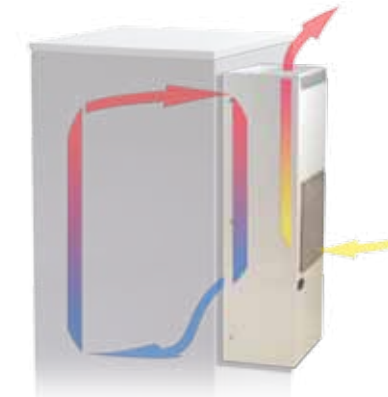


SoliTherm ComPact Series

KG 4315		
Type	KG 4315-230V	KG 4315-Combi
Part-no.	43150001	43153001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	1.5 kW @ 50 Hz 1.63 kW @ 60 Hz	1.5 kW
Cooling capacity L35L50	1.22 kW @ 50 Hz 1.32 kW @ 60 Hz	1.22 kW
Compressor type	Reciprocating compressor	
Operating temp. range	20° C - 55° C	
Max. air flow	Ambient air circuit: 595 m ³ /h Cabinet air circuit: 470 m ³ /h	
Mounting	External	
Dimensions (H x W x D)	980 x 395 x 260 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Cut out area (H x W)	920 x 335 mm	
Weight	39.7 kg	47.7 kg
ELECTRICAL DATA		
Voltage / frequency	230 V - 50/60 Hz ~N	120 V - 60 Hz ~N
Rated current L35L35	4.6 A @ 50 Hz 5.1 A @ 60 Hz	9.6 A @ 120 V - 60 Hz 2.9 A @ 400 V - 50/60 Hz 2.5 A @ 460 V - 50/60 Hz
Max. current	5.6 A	11.8 A @ 120 V 3.5 A @ 400 V 3.1 A @ 460 V
Starting current	21.2 A	39.4 A @ 120 V / 5.3 A @ 400 V 5.3 A @ 460 V
Rated power consumption L35L35	800 W @ 50 Hz 920 W @ 60 Hz	880 W @ 120 V 880 W @ 400 / 460 V - 50 Hz 1 kW @ 400 / 460 V - 60 Hz
Max. power consumption	1.7 kW	1.29 kW
Fuse rating	10 A (T)	16 A (T) @ 120 V 2 x 3.6 A (T) @ 400/460V - 50/60Hz
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54	
Certification	CE	

Optional: Stainless steel, part no. 4315002 / 4315102

Note: Depending on the wiring diagram, this unit can be operated at 120 V / 400 V and 460 V.



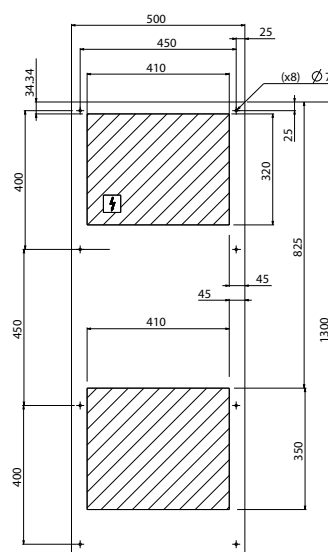
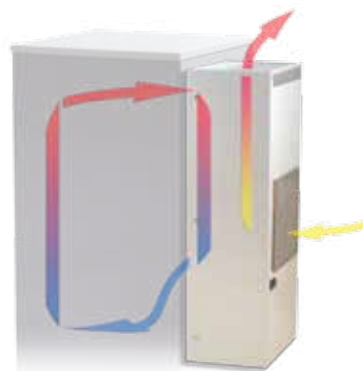
Cutout Areas



SoliTherm ComPact Series

KG 4320		
Type	KG 4320-230V	KG 4320-400V
Part-no.	43200001	43202001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	2 kW	2 kW (3~)
Cooling capacity L35L50	n.a.	
Compressor type	Reciprocating compressor	
Operating temp. range	20° C - 55° C	
Max. air flow	n.a.	
Mounting	External	
Dimensions (H x W x D)	1.300 x 500 x 340 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Cut out area (H x W)	1.240 x 440 mm	
Weight	57 kg	
ELECTRICAL DATA		
Voltage / frequency	230 V - 50/60 Hz ~N	400 V - 50/60 Hz 2~
Rated current L35L35	n.a.	
Max. current	n.a.	
Starting current	n.a.	
Rated power consumption L35L35	n.a.	
Max. power consumption	n.a.	
Fuse rating	n.a.	
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54	
Certification	CE	

Optional: Stainless steel, part no. 4320002 / 4320102



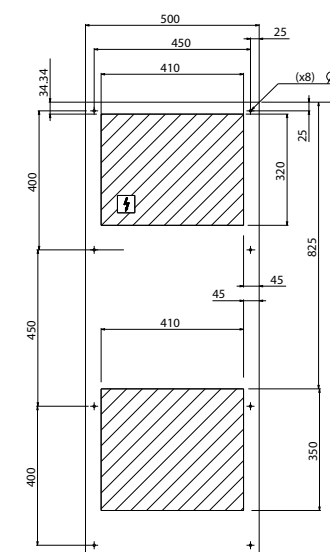
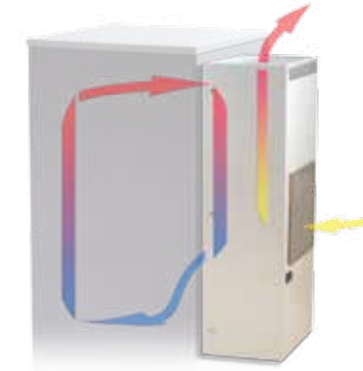
Cutout Areas



SoliTherm ComPact Series

KG 4325		
Type	KG 4325-230V	KG 4325-400V
Part-no.	43250001	43252001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	2.5 kW	2.5 kW (3~)
Cooling capacity L35L50	n.a.	
Compressor type	Reciprocating compressor	
Operating temp. range	20° C - 55° C	
Max. air flow	n.a.	
Mounting	External	
Dimensions (H x W x D)	1.300 x 500 x 340 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Cut out area (H x W)	1.240 x 440 mm	
Weight	57 kg	
ELECTRICAL DATA		
Voltage / frequency	230 V - 50/60 Hz ~N	400 V - 50/60 Hz 3~
Rated current L35L35	n.a.	
Max. current	n.a.	
Starting current	n.a.	
Rated power consumption L35L35	n.a.	
Max. power consumption	n.a.	
Fuse rating	n.a.	
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54	
Certification	CE	

Optional: Stainless steel, part no. 4325002 / 4325202



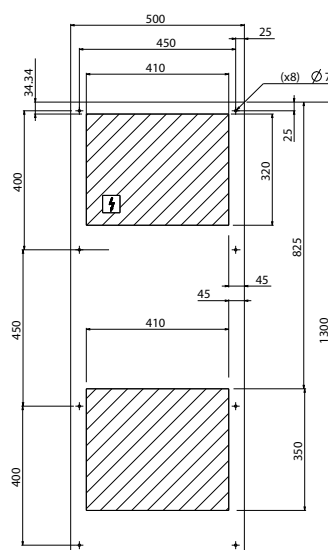
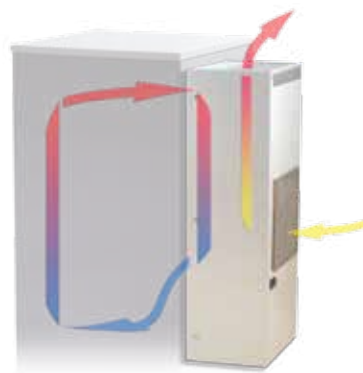
Cutout Areas



SoliTherm ComPact Series

KG 4330		
Type	KG 4330-230V	KG 4330-400V
Part-no.	43300001	43302001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	3 kW	3 kW (3~)
Cooling capacity L35L50	n.a.	
Compressor type	Reciprocating compressor	
Operating temp. range	20° C - 55° C	
Max. air flow	n.a.	
Mounting	External	
Dimensions (H x W x D)	1.300 x 500 x 340 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Cut out area (H x W)	1.240 x 440 mm	
Weight	60 kg	
ELECTRICAL DATA		
Voltage / frequency	230 V - 50/60 Hz ~N	400 V - 50/60 Hz 3~
Rated current L35L35	n.a.	
Max. current	n.a.	
Starting current	n.a.	
Rated power consumption L35L35	n.a.	
Max. power consumption	n.a.	
Fuse rating	n.a.	
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54	
Certification	CE	

Optional: Stainless steel, part no. 43300002 / 43302002



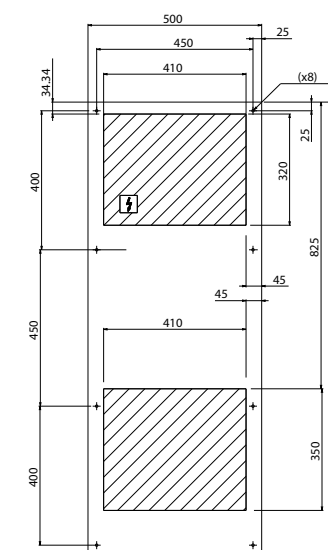
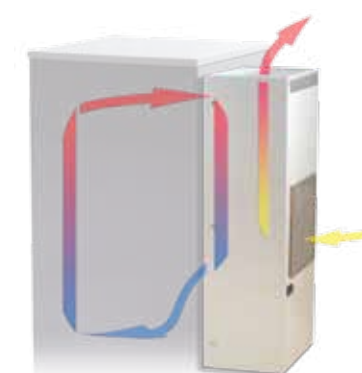
Cutout Areas



SoliTherm ComPact Series

KG 4340	
Type	KG 4340-400V
Part-no.	43402001
COOLING CAPACITY TO DIN 3168	
Cooling capacity L35L35	4 kW (3~)
Cooling capacity L35L50	n.a.
Compressor type	Reciprocating compressor
Operating temp. range	20° C - 55° C
Max. air flow	n.a.
Mounting	External
Dimensions (H x W x D)	1.300 x 500 x 340 mm
Material housing	Mild steel, powder coated
Colour	RAL 7035
Cut out area (H x W)	1.240 x 440 mm
Weight	75 kg
ELECTRICAL DATA	
Voltage / frequency	400 V - 50/60 Hz 3~
Rated current L35L35	n.a.
Max. current	n.a.
Starting current	n.a.
Rated power consumption L35L35	n.a.
Max. power consumption	n.a.
Fuse rating	n.a.
Connection	Connection terminal block
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54
Certification	CE

Optional: Stainless steel, part no. 43402002



Cutout Areas



SoliTherm SlimLine | filter less technology for more safety

Maximum power to size ratio – this characterizes the SlimLine air conditioners. Compatibility with market standards ensures the customer an easy integration with his enclosure or cabinet systems. SlimLine air conditioners are designed to operate with absolutely minimum maintenance. They are eco-friendly and do not need dirt collecting filter mats.

The optimized wide-ribbed aluminium condenser provides improved cooling performance and ensures reliability in industrial operations. High quality components form the basis for the smooth running and long working life of the SlimLine air conditioners.

All SlimLine models can be operated with 3 phase 400V/50Hz and 460V/60Hz. Models from 320W up to 1.5KW (L35L35) are available.

The units can be externally or internally mounted and are only 110mm deep and therefore currently the slimmest air conditioner on the market. With recessed mounting the units will only be 25mm out of the cabinet wall. As only small apertures need to be cut for mounting, the cabinet doors remain stable.

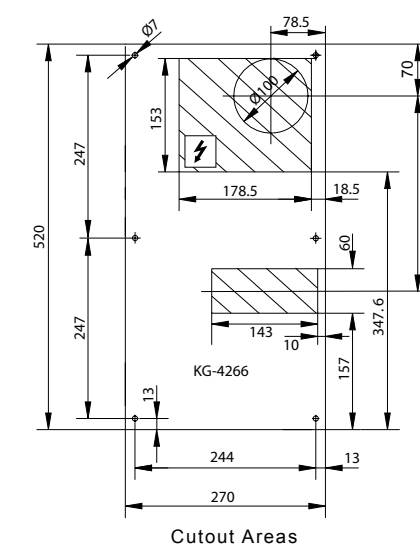
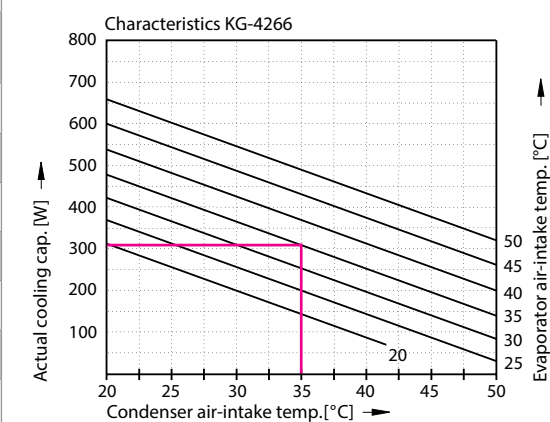
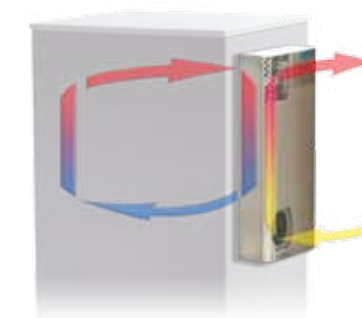
Optional all SlimLine models can be upgraded with a master / slave function which allows to connect up to 20 units together, a display, an IP address, the possibility to download operational data and an USB connection.

In addition NEMA 4x upgrade kits are available for most of the model range. All SlimLine indoor air conditioners meet the latest European standards and are certified to UL and cUL.



SoliTherm SlimLine Series

KG 4266		
Type	KG 4266-230V	KG 4266-120V
Part-no.	42660001	42661001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	320 W @ 50 Hz 330 W @ 60 Hz	320 W @ 60 Hz
Cooling capacity L35L50	140 W @ 50 Hz 150 W @ 60 Hz	140 W @ 60 Hz
Compressor type	Rotary piston compressor	
Operating temp. range	20°C - 50°C	
Max. air flow	Ambient circuit: 170 m³/h Cabinet circuit: 125 m³/h	
Mounting	Internal / External	
Dimensions (H x W x D)	520 x 270 x 110 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Cut out area (H x W)	501 x 251 mm	
Weight	13 kg	
ELECTRICAL DATA		
Voltage / frequency	230 V - 50/60 Hz	120 V - 60 Hz
Rated current L35L35	1.5 A @ 50 Hz 1.6 A @ 60 Hz	3.2 A @ 60 Hz
Max. current	1.8 A	4.2 A
Starting current	3.2 A	7.1 A
Rated power consumption L35L35	315 W @ 50 Hz 335 W @ 60 Hz	315 W @ 60 Hz
Max. power consumption	375 W	
Fuse rating	6 A (T)	
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54	
Certification	CE / cULus	



Optional: Stainless steel housing, part no. 4266002 / 4266102

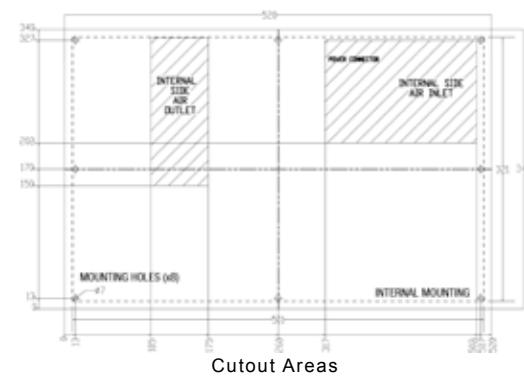
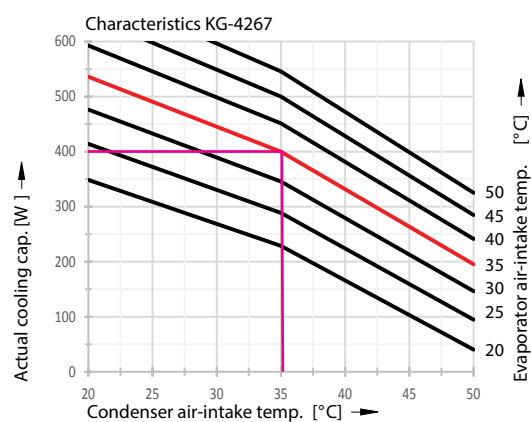
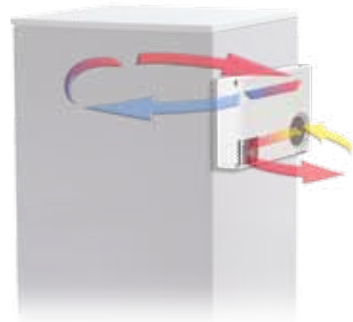




SoliTherm SlimLine Series

KG 4267		
Type	KG 4267-230V	KG 4267-120V
Part-no.	42670001	42671001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	400 W @ 50 Hz 425 W @ 60 Hz	400 W @ 60 Hz
Cooling capacity L35L50	195 W @ 50 Hz 220 W @ 60 Hz	195 W @ 60 Hz
Compressor type	Rotary piston compressor	
Operating temp. range	20°C - 50°C	
Max. air flow	Ambient circuit: 215 m³/h Cabinet circuit: 115 m³/h	
Mounting	Internal / External	
Dimensions (H x W x D)	340 x 520 x 110 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Cut out area (H x W)	321 x 501 mm	
Weight	14.8 kg	
ELECTRICAL DATA		
Voltage / frequency	230 V - 50/60 Hz	120 V - 60 Hz
Rated current L35L35	1.6 A @ 50 Hz 1.5 A @ 60 Hz	3.2 A @ 60 Hz
Max. current	1.8 A	4.2 A
Starting current	3.2 A	7.4 A
Rated power consumption L35L35	350 W @ 50 Hz 346 W @ 60 Hz	350 W @ 60 Hz
Max. power consumption	410 W	
Fuse rating	6 A (T)	
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54	
Certification	CE / cULus	

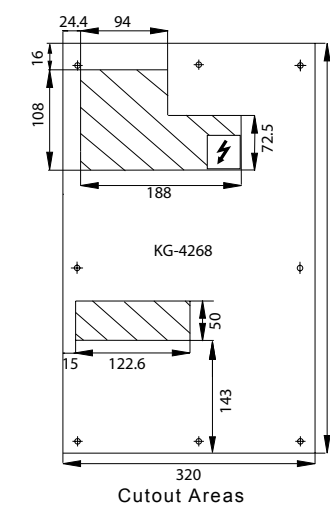
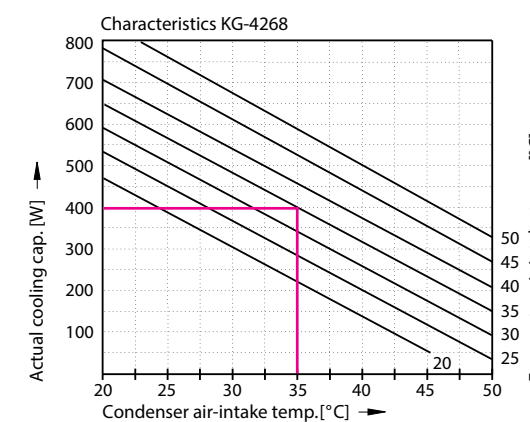
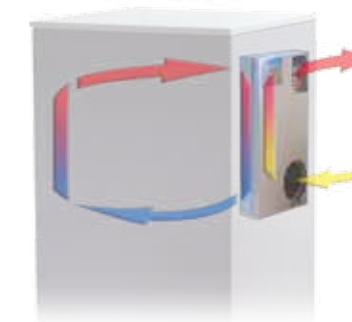
Optional: Stainless steel housing, part no. 4267002 / 4267102



SoliTherm SlimLine Series

KG 4268		
Type	KG 4268-230V	KG 4268-120V
Part-no.	42680001	42681001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	400 W @ 50 Hz 425 W @ 60 Hz	400 W @ 60 Hz
Cooling capacity L35L50	155 W @ 50 Hz 165 W @ 60 Hz	155 W @ 60 Hz
Compressor type	Rotary piston compressor	
Operating temp. range	20°C - 50°C	
Max. air flow	Ambient circuit: 200 m³/h Cabinet circuit: 125 m³/h	
Mounting	Internal / External	
Dimensions (H x W x D)	520 x 320 x 110 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Cut out area (H x W)	504 x 308 mm	
Weight	14.8 kg	
ELECTRICAL DATA		
Voltage / frequency	230 V - 50/60 Hz	120 V - 60 Hz
Rated current L35L35	1.6 A @ 50 Hz 1.5 A @ 60 Hz	3.2 A @ 60 Hz
Max. current	1.9 A	4.2 A
Starting current	3.2 A	7.4 A
Rated power consumption L35L35	325 W @ 50 Hz 345 W @ 60 Hz	325 W @ 60 Hz
Max. power consumption	440 W	
Fuse rating	6 A (T)	
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54	
Certification	CE / cULus	

Optional: Stainless steel housing, part no. 4268002 / 4268102

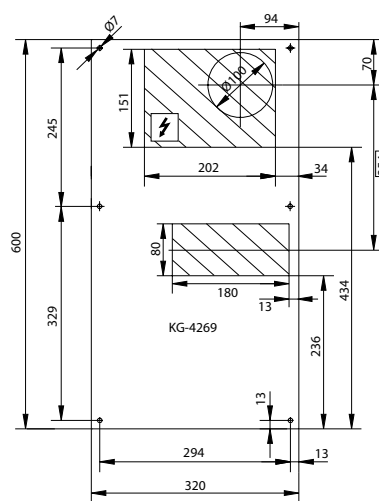
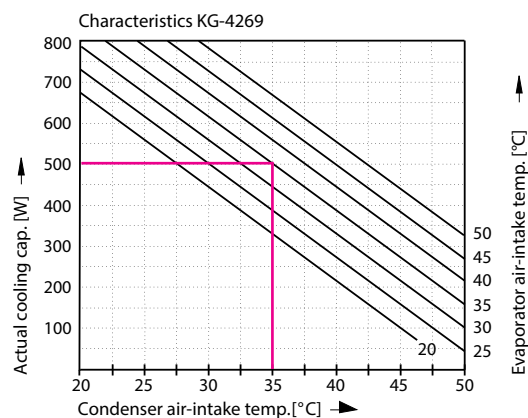
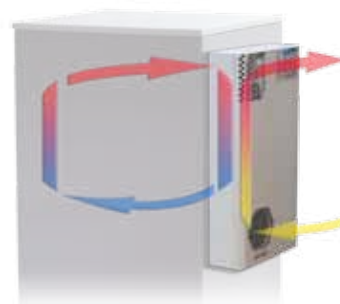




SoliTherm SlimLine Series

KG 4269		
Type	KG 4269-230V	KG 4269-120V
Part-no.	42690001	42691001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	500 W @ 50 Hz 520 W @ 60 Hz	500 W @ 60 Hz
Cooling capacity L35L50	160 W @ 50 Hz 180 W @ 60 Hz	160 W @ 60 Hz
Compressor type	Rotary piston compressor	
Operating temp. range	20°C - 50°C	
Max. air flow	Ambient circuit: 250 m³/h Cabinet circuit: 125 m³/h	
Mounting	Internal / External	
Dimensions (H x W x D)	600 x 320 x 110 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Cut out area (H x W)	581 x 301 mm	
Weight	15.8 kg	
ELECTRICAL DATA		
Voltage / frequency	230 V - 50/60 Hz	120 V - 60 Hz
Rated current L35L35	2.4 A @ 50 Hz 2.6 A @ 60 Hz	4.4 A @ 60 Hz
Max. current	2.8 A	5.1 A
Starting current	5.8 A	14.6 A
Rated power consumption L35L35	480 W @ 50 Hz 490 W @ 60 Hz	475 W @ 60 Hz
Max. power consumption	560 W	550 W
Fuse rating	6 A (T)	
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54	
Certification	CE / cULus	

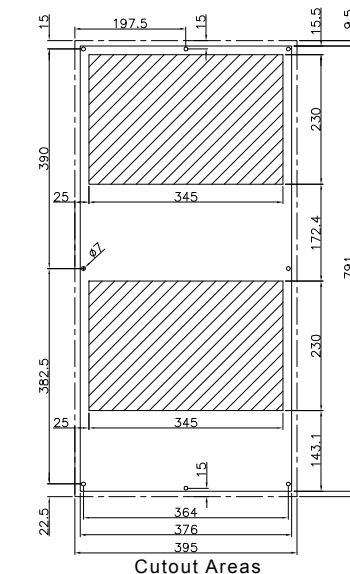
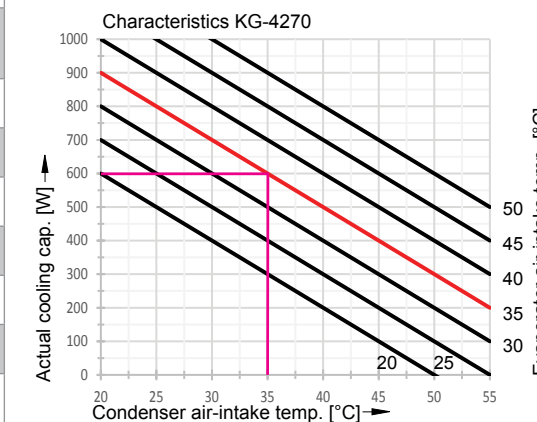
Optional: Stainless steel housing, part no. 4269002 / 4269102



SoliTherm SlimLine Series

KG 4270			
Type	KG 4270-230V	KG 4270-120V	KG 4270-400V
Part-no.	42700001	42701001	42702001
COOLING CAPACITY TO DIN 3168			
Cooling capacity L35L35	600 W @ 50 Hz 600 W @ 60 Hz	600 W @ 60 Hz	600 W @ 50 Hz 600 W @ 60 Hz
Cooling capacity L35L50	300 W @ 50 Hz 300 W @ 60 Hz	300 W @ 60 Hz	300 W @ 50 Hz 300 W @ 60 Hz
Compressor type	Rotary piston compressor		
Operating temp. range	20°C - 50°C		
Max. air flow	Ambient circuit: 340 m³/h Cabinet circuit: 170 m³/h		
Mounting	Internal / External		
Dimensions (H x W x D)	810 x 395 x 145 mm		
Material housing	Mild steel, powder coated		
Colour	RAL 7035		
Cut out area (H x W)	791 x 376 mm		
Weight	30 kg	33 kg	
ELECTRICAL DATA			
Voltage / frequency	230 V - 50/60 Hz	120 V - 60 Hz	400 V - 50/60 Hz 460 V - 50/60 Hz
Rated current L35L35	2.3 A @ 50 Hz 2.5 A @ 60 Hz	5.2 A @ 60 Hz	1.5 A @ 50 Hz 1.5 A @ 60 Hz
Max. current	3.0 A	7.0 A	2.1 A
Starting current	5.8 A	15.2 A	4 A
Rated power consumption L35L35	440 W @ 50 Hz 480 W @ 60 Hz	570 W @ 60 Hz	550 W @ 50 Hz 570 W @ 60 Hz
Max. power consumption	575 W	700 W	700 W
Fuse rating	6 A (T)	16 A (T)	2 x 3 A (T)
Connection	Connection terminal block		
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54		
Certification	CE / cULus		

Optional: Stainless steel housing, part no. 4270002 / 4270102 / 4270202

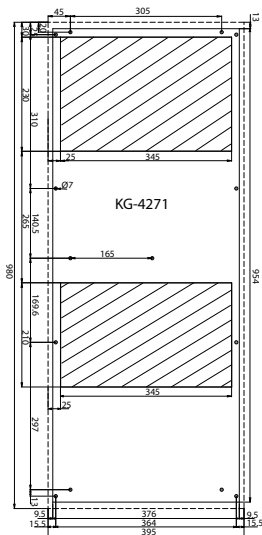
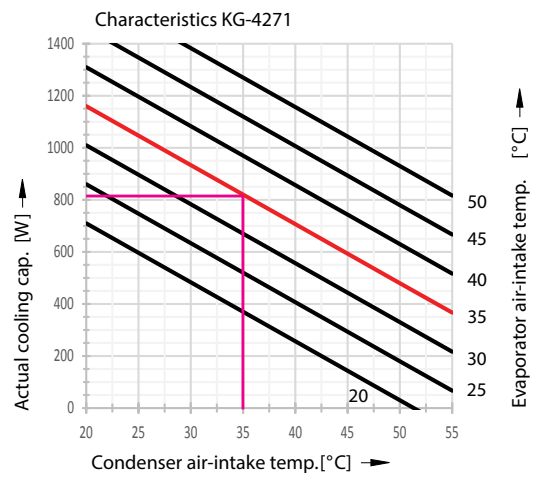
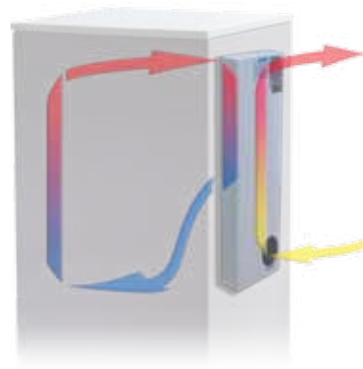




SoliTherm SlimLine Series

KG 4271			
Type	KG 4271-230V	KG 4271-120V	KG 4271-400V
Part-no.	42710001	42711001	42712001
COOLING CAPACITY TO DIN 3168			
Cooling capacity L35L35	820 W @ 50 Hz 885 W @ 60 Hz	820 W @ 60 Hz	820 W @ 50 Hz 885 W @ 60 Hz
Cooling capacity L35L50	480 W @ 50 Hz 530 W @ 60 Hz	480 W @ 60 Hz	480 W @ 50 Hz 530 W @ 60 Hz
Compressor type	Rotary piston compressor		
Operating temp. range	20°C - 55°C		
Max. air flow	Ambient circuit: 320 m ³ /h Cabinet circuit: 290 m ³ /h		
Mounting	Internal / External		
Dimensions (H x W x D)	980 x 395 x 145 mm		
Material housing	Mild steel, powder coated		
Colour	RAL 7035		
Cut out area (H x W)	961 x 376 mm		
Weight	33 kg	34 kg	38 kg
ELECTRICAL DATA			
Voltage / frequency	230 V - 50/60 Hz	120 V - 60 Hz	380-415V-50/60 Hz 400-460V-50/60 Hz
Rated current L35L35	3.3 A @ 50 Hz 3.7 A @ 60 Hz	7.2 A @ 60 Hz	1.4 A @ 50 Hz 1.4 A @ 60 Hz
Max. current	4.3 A	8.7 A	2.9 A
Starting current	15.5 A	37 A	8.2 A
Rated power consumption L35L35	660 W @ 50 Hz 760 W @ 60 Hz	755 W @ 60 Hz	660 W @ 50 Hz 760 W @ 60 Hz
Max. power consumption	850 W	905 W	840 W
Fuse rating	10 A (T)	16 A (T)	3 x 6 A (T)
Connection	Connection terminal block		
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54		
Certification	CE / cULus		

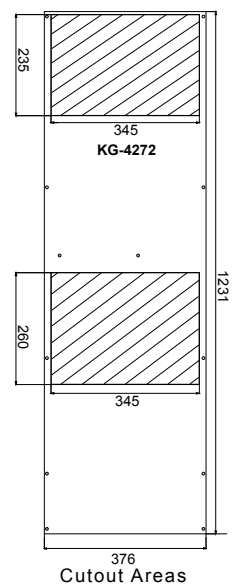
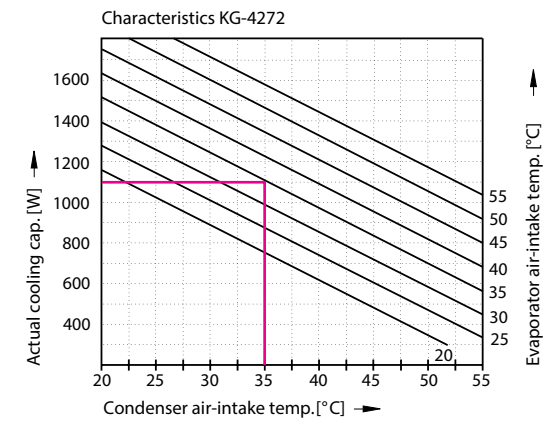
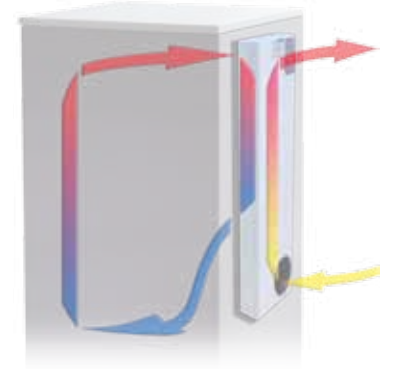
Optional: Stainless steel housing, part no. 4271002 / 4271102 / 4271202
 Note: 400V / 3~ units do not need additional MP

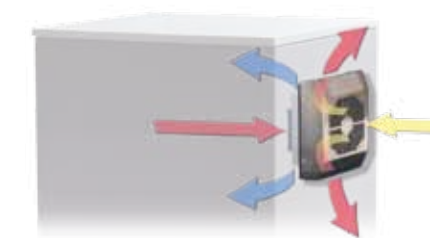


SoliTherm SlimLine Series

KG 4272			
Type	KG 4272-230V	KG 4272-120V	KG 4272-400V
Part-no.	42720001	42721001	42722001
COOLING CAPACITY TO DIN 3168			
Cooling capacity L35L35	1.1 kW @ 50 Hz 1.1 kW @ 60 Hz	1.1 kW @ 60 Hz	1.1 kW @ 50 Hz 1.1 kW @ 60 Hz
Cooling capacity L35L50	710 W @ 50 Hz 710 W @ 60 Hz	710 W @ 60 Hz	710 W @ 50 Hz 710 W @ 60 Hz
Compressor type	Rotary piston compressor		
Operating temp. range	20°C - 55°C		
Max. air flow	Ambient circuit: 430 m ³ /h Cabinet circuit: 200 m ³ /h		
Mounting	Internal / External		
Dimensions (H x W x D)	1,250 x 395 x 145 mm		
Material housing	Mild steel, powder coated		
Colour	RAL 7035		
Cut out area (H x W)	1,231 x 376 mm		
Weight	44 kg	45 kg	
ELECTRICAL DATA			
Voltage / frequency	230 V - 50/60 Hz	120 V - 60 Hz	380-415V-50/60 Hz 400-460V-50/60 Hz
Rated current L35L35	3.5 A @ 50 Hz 4.1 A @ 60 Hz	8.7 A @ 60 Hz	1.6 A @ 50 Hz 1.5 A @ 60 Hz
Max. current	5.2 A	11.6 A	3.2 A
Starting current	15.5 A	37 A	8.2 A
Rated power consumption L35L35	760 W @ 50 Hz 880 W @ 60 Hz	975 W @ 60 Hz	730 W @ 50 Hz 760 W @ 60 Hz
Max. power consumption	1.12 kW	1.3 kW	1.03 kW
Fuse rating	10 A (T)	16 A (T)	3 x 6 A (T)
Connection	Connection terminal block		
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54		
Certification	CE / cULus		

Optional: Stainless steel housing, part no. 4272002 / 4272102 / 4272202
 Note: 400V / 3~ units do not need additional MP





SoliTherm Peltier Series | the ultra-compact cooling units

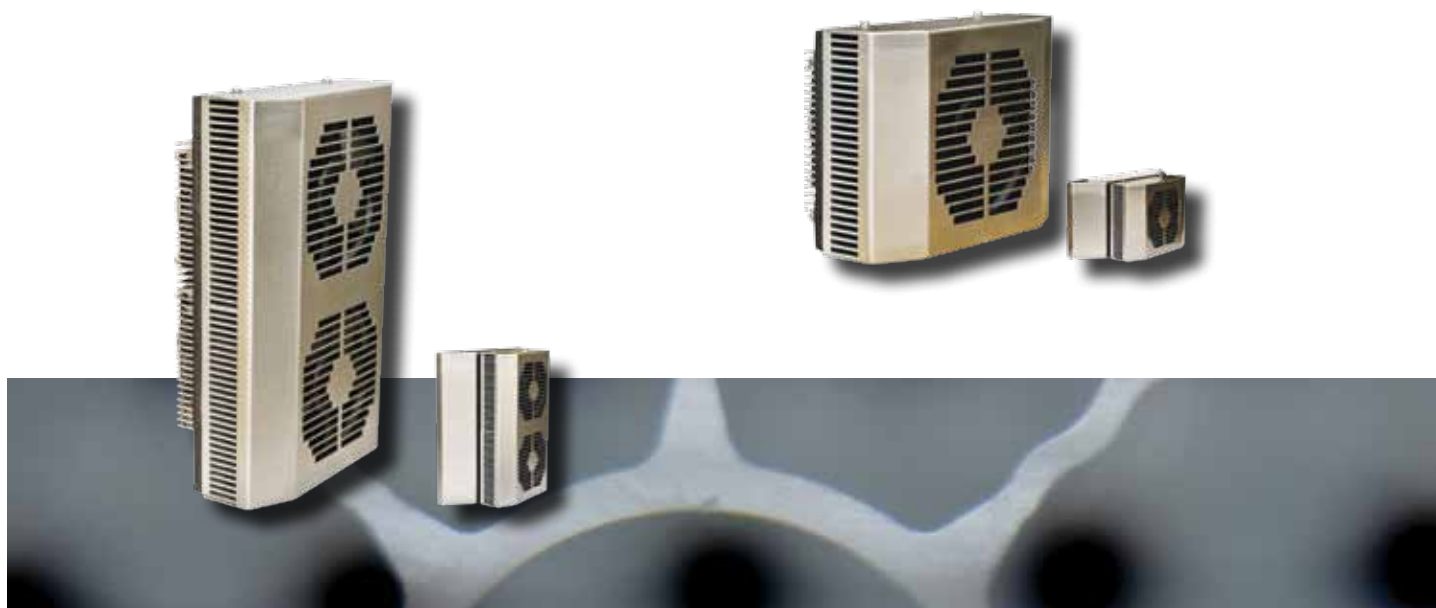
The innovative Peltier thermoelectric technology provides an effective cooling solution virtually maintenance free. The SoliTherm Peltier air conditioners incorporate the technology within a sleek and modern design which is compact and with only 70mm depth hardly needs any space.

Thermoelectric elements create a temperature difference between the internal and ambient heat sinks, making internal air cooler while dissipating heat into the external environment. Fans help the transfer of convective heat from the heat sinks, which are optimized for maximum flow.

These air conditioners come in powder-coated sheet steel or stainless steel housings according to customer's requirements. They can be mounted in any position because these units don't have a compressor and no moving parts.

Please note that the integrated condensation management may vary depending on the mounting situation.

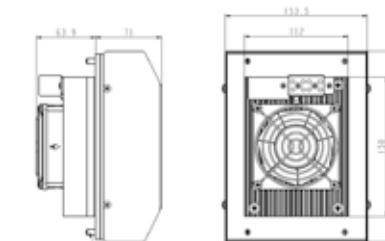
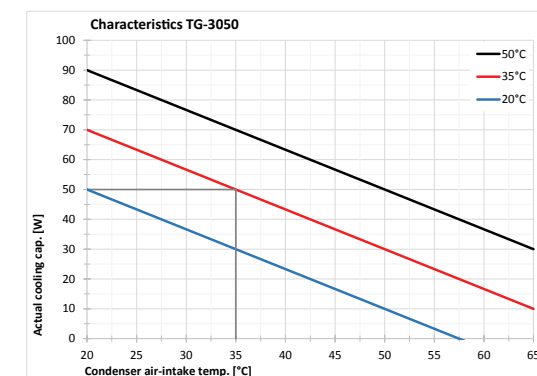
SoliTherm Peltier air conditioners are resistant to extreme ambient conditions and can operate effectively even in environments which are dusty and oily and where temperatures may vary from -10°C to +65°C. They comply with European standards IEC/TC 62610-1 and IEC/TC 62610-3, and can be used both for indoor and outdoor applications.



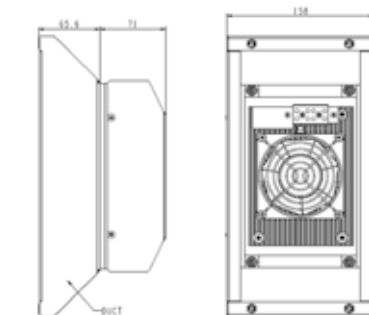
SoliTherm Peltier Series

TG 3050		
Type	TG 3050-24V	TG 3050-24V-F
Part-no.	3050303	3050305
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	50 W	50 W
Operating temp. range	-10°C - 65°C	-10°C - 65°C
Max. air flow	Ambient air circuit: 64 m³/h Cabinet air circuit: 23 m³/h	
Mounting	Recessed	External
Dimensions (H x W x D)	206 x 154 x 135 mm	302 x 158 x 137 mm
Material housing	Stainless steel	
Cut out dimension (H x W)	170 x 120 mm	270 x 130 mm
Weight	3.3 kg	3.9 kg
ELECTRICAL DATA		
Voltage / frequency	24 V DC	24 V DC
Rated current L35L35	2.4 A	2.4 A
Max. current	2.5 A	2.5 A
Starting current	3.7 A	3.7 A
Rated power consumption L35L35	57.6 W	57.6 W
Max. power consumption	60 W	60 W
Fuse rating	3 A (T)	3 A (T)
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 20 Internal circuit: IP 54	
Delivery includes	Fastening nuts and washers, instruction sheet	
Certification	CE/cURus	

Note: 3050305 includes mounting frame



Cutout Area without Mounting Frame



Cutout Area with Mounting Frame

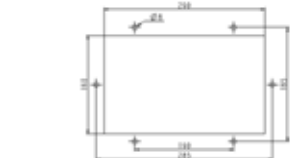
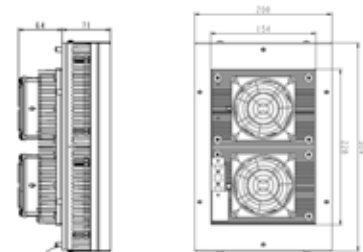
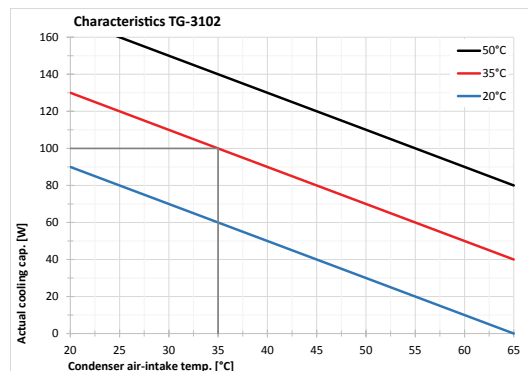
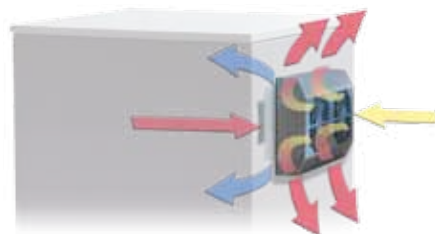




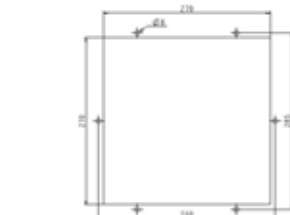
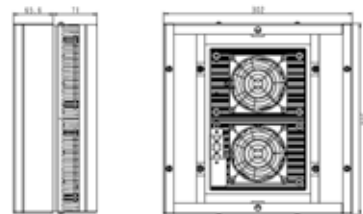
SolItherm Peltier Series

TG 3102		
Type	TG 3102-24V	TG 3102-24V-F
Part-no.	3102303	3102305
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35L35	100 W	100 W
Operating temp. range	-10°C - 65°C	-10°C - 65°C
Max. air flow	Ambient air circuit: 128 m³/h Cabinet air circuit: 46 m³/h	
Mounting	Recessed	External
Dimensions (H x W x D)	304 x 200 x 138 mm	306 x 302 x 140 mm
Material housing	Stainless steel	
Cut out dimension (H x W)	260 x 160 mm	270 x 270 mm
Weight	5.9 kg	7.4 kg
ELECTRICAL DATA		
Voltage / frequency	24 V DC	24 V DC
Rated current L35L35	4.8 A	4.8 A
Max. current	4.9 A	4.9 A
Starting current	7.4 A	7.4 A
Rated power consumption L35L35	115.2 W	115.2 W
Max. power consumption	117.6 W	117.6 W
Fuse rating	6 A (T)	6 A (T)
Connection	Connection terminal block	
IP protection to IEC 60 529	External circuit: IP 20 Internal circuit: IP 54	
Delivery includes	Fastening nuts and washers, instruction sheet	
Certification	CE/cURus	

Note: 3102305 includes mounting frame



Cutout Area without Mounting Frame



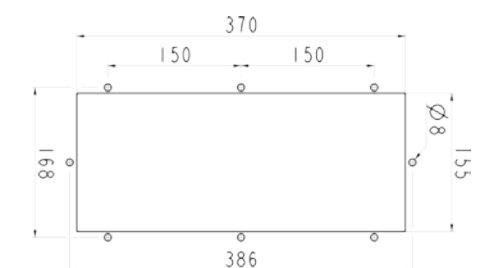
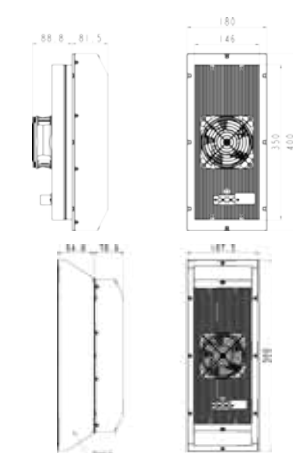
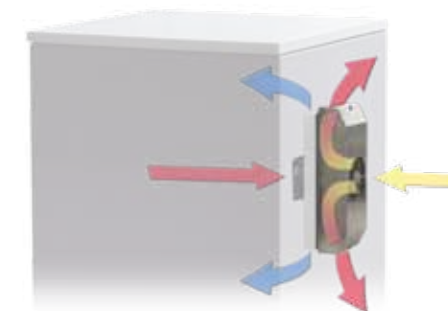
Cutout Area with Mounting Frame



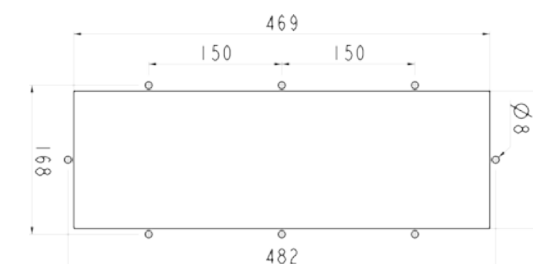
SolItherm Peltier Series

TG 3152				
Type	TG 3152-24V	TG 3152-24V-F	TG 3152-48V	TG 3152-48V-F
Part-no.	3152303	3152305	3152308	3152310
COOLING CAPACITY TO DIN 3168				
Cooling capacity L35L35	150 W			
Operating temp. range	-10° C - 65° C			
Max. air flow	n.a.			
Mounting	Recessed	External	Recessed	External
Dimensions (H x W x D)	400 x 180 x 171 mm	500 x 188 x 174 mm	400 x 180 x 171 mm	500 x 188 x 174 mm
Material housing	Stainless steel			
Cut out dimension (H x W)	370 x 155 mm	469 x 155 mm	370 x 155 mm	469 x 155 mm
Weight	9 Kg	12,7 kg	9 Kg	12,7 kg
ELECTRICAL DATA				
Voltage / frequency	24 V DC	24 V DC	48 V DC	48 V DC
Rated current L35L35	7 A	7 A	3,5 A	3,5 A
Max. current	7,5 A	7,5 A	3,8 A	3,8 A
Starting current	11 A	11 A	5,5 A	5,5 A
Rated power consumption L35L35	168 W			
Max. power consumption	180 W			
Fuse rating	10 A (T)	10 A (T)	6 A (T)	6 A (T)
Connection	Connection terminal block			
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54			
Delivery includes	Fastening nuts and washers, instruction sheet			
Zertifizierung	CE			

Note: Art. Nr: 3152305 / 3152310 includes mounting frame



Cutout Area without Mounting Frame



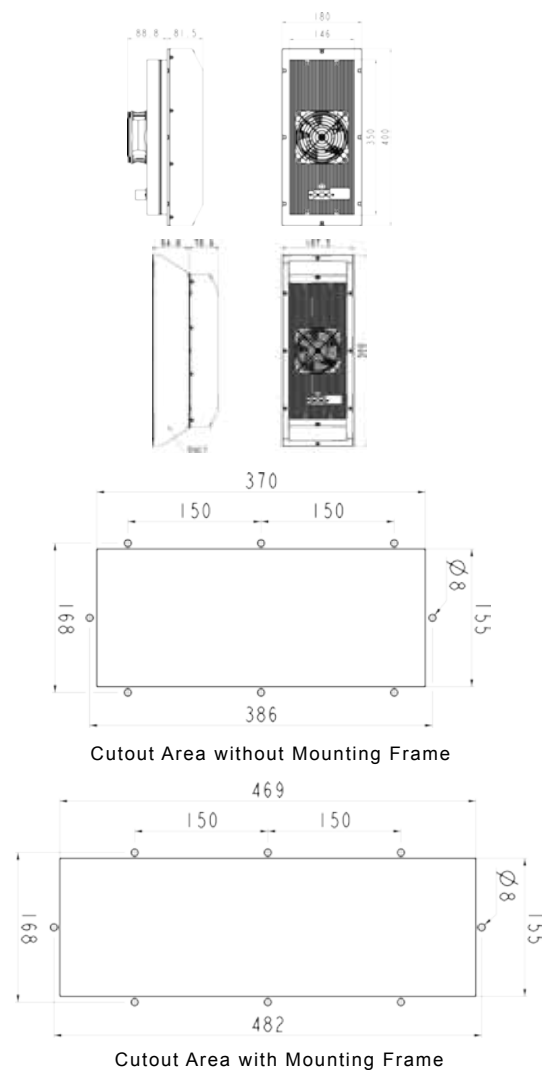
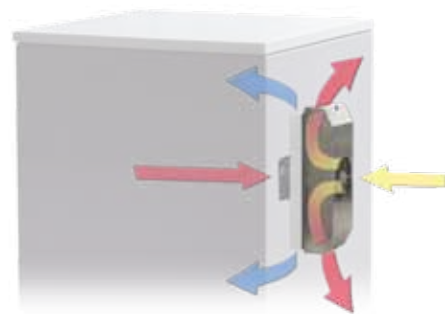
Cutout Area with Mounting Frame



SoliTherm Peltier Series

TG 3200				
Type	TG 3200-24V	TG 3200-24V-F	TG 3200-48V	TG 3200-48V-F
Part-no.	3200303	3200305	3200308	3200310
COOLING CAPACITY TO DIN 3168				
Cooling capacity L35L35	200 W			
Operating temp. range	-10° C - 65° C			
Max. air flow	n.a.			
Mounting	Recessed	External	Recessed	External
Dimensions (H x W x D)	400 x 180 x 171 mm	500 x 188 x 174 mm	400 x 180 x 171 mm	500 x 188 x 174 mm
Material housing	Stainless steel			
Cut out dimension (H x W)	370 x 155 mm	469 x 155 mm	370 x 155 mm	469 x 155 mm
Weight	9 Kg	12,7 kg	9 Kg	12,7 kg
ELECTRICAL DATA				
Voltage / frequency	24 V DC	24 V DC	48 V DC	48 V DC
Rated current L35L35	9 A	9 A	9 A	4,5 A
Max. current	9,6 A	9,6 A	4,8 A	4,8 A
Starting current	13,5 A	13,5 A	6,8 A	6,8 A
Rated power consumption L35L35	216 W			
Max. power consumption	230 W			
Fuse rating	13 A(T)	13 A(T)	6 A(T)	6 A(T)
Connection	Connection terminal block			
IP protection to IEC 60 529	External circuit: IP 24 Internal circuit: IP 54			
Delivery includes	Fastening nuts and washers, instruction sheet			
Certification	CE			

Note: Art. Nr. 3200305 / 3200310 includes mounting frame



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Our product range includes miniature energy saving heating elements (8W) up to powerful heater fans (800W) with compact design and maximum air flow.

Air- / Water Heat Exchangers

Our compact air-water heat exchangers can be used if a cold water supply is available. Seifert heat exchangers are available as 19" plug-in models with minimal depth, as internal, and as top and side mounting versions. These industry proven heat exchangers dissipate from 700W up to 4.8KW (L35W10 @ 200 l/h). With our modular system setup we can even reach performances of up to 40kW.

Air- / Air Heat Exchangers

Our counter flow and cross flow heat exchangers are designed both for outdoor and indoor applications. The Seifert high-end vacuum brazing technology is best-in-class thermal dissipation and the most compact footprint in the industry. They comply with the NEMA and IP requirements. Our air-air heat exchangers are designed to meet all telecommunications specifications. Our customers can also opt for ultimate corrosion protection and achromatized surfaces.

Filter fans

We offer a wide range of filter fans in an appealing plastic moulded design and in various AC and DC voltage options. All filter fan cutout dimensions comply with the market standards. The integrated air filters at the system inlet and outlet ensure that the control cabinet remains clear of dust and any other contaminating airborne particles. Mounting the fans into the cutout is a very quick procedure and requires no tools. When necessary, the filters are also easily replaceable.

Control cabinet accessories

In addition to our innovative range of air conditioners, Seifert has developed a complete line of accessories to meet the different requirements of our customers. We offer a wide range of intelligent controllers, thermostats and hygrometers, door switches and lighting. Our lighting range has been especially designed to meet the criteria of illuminating control cabinets. Integrated on/off switches, motion sensors and re-enforced plastic covers allow all sorts of possible installations. The fixing mechanism is based on magnetic clamps and requires literally no installation with maximized mounting possibilities.





Seifert mtm Systems GmbH

Haßlinghauser Str. 156
58285 Gevelsberg

Germany

Tel. +49 (0) 2332 55124-0
Fax +49 (0) 2332 5512429

info@seifert-mtmsystems.de

Seifert mtm Systems Malta Ltd.

HF 09/10 Hal Far Industrial Estate
Birzebbuga, BBG 3000

Malta

Tel. +356 2220 7000
Fax +356 2165 2009

info@seifertsystems.com

Seifert mtm Systems AG

Wilerstraße 16
CH- 4563 Gerlafingen

Switzerland

Tel. +41 (0) 32 675 35 51
Fax +41 (0) 32 675 44 76

info@seifert-mtmsystems.ch

Seifert mtm Systems Inc.

75 Circuit Drive
North Kingstown
RI 02852
USA

Tel. +1 401-294-6960
Fax +1 401-294-6963

info@seifertinc.com

**Seifert mtm Systems
Australia Pty Ltd.**

105 Lewis Road
Wantirna South
3152 Victoria
Australia

Tel. +61 (3) 98 01 19 06
Fax +61 (3) 98 87 08 45

info@seifertsystems.com.au

www.seifertsystems.com



www.facebook.com/seifert.mtmsystems