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wegweisend innovativ

Thermal Management SoliTherm Enclosure Air Conditioning



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Seifert Systems is certified to ISO 9001:2008 and ISO 14001:2004 standards.



SoliTherm® SlimLine

Filterless enclosure cooling



KG 4266

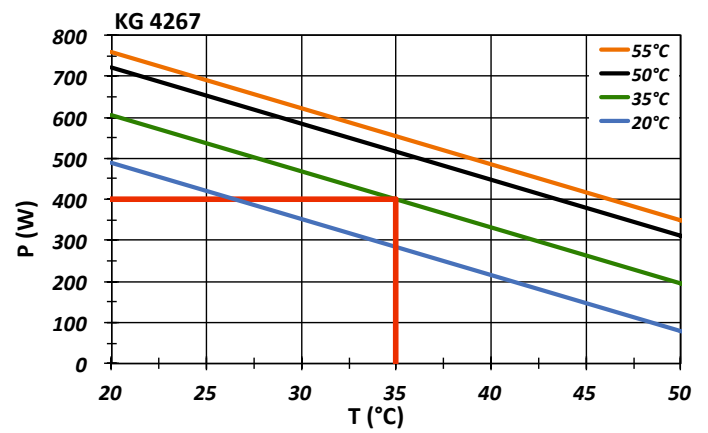
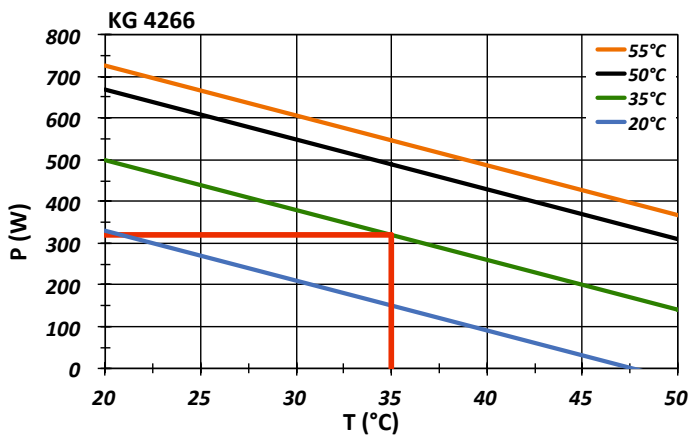
External or recessed mounting

- ✓ Cooling capacities: 320 W and 400 W
- ✓ Completely filterless, no need for any filter media
- ✓ Virtually maintenance free
- ✓ Only 110 mm deep therefore the slimmest air conditioners on the market
- ✓ NEMA 4X upgrade covers for stainless steel versions, please refer to page 54
- ✓ Assembly parts, mounting template and condensation kit included

CE RoHS COMPLIANT cUL US Type 12

KG 4266, KG 4267				
Type	KG 4266-230V	KG 4266-120V	KG 4267-230V	KG 4267-120V
Order number	42660001	42661001	42670001	42671001
Order number stainless steel 304 (V2A)	42XXX02			
Cooling capacity L35L35	320 W @ 50 Hz 330 W @ 60 Hz	320 W @ 60 Hz	400 W @ 50 Hz 425 W @ 60 Hz	400 W @ 60 Hz
Cooling capacity L35L50	140 W @ 50 Hz 150 W @ 60 Hz	140 W @ 60 Hz	195 W @ 50 Hz 220 W @ 60 Hz	195 W @ 60 Hz
Compressor type	Rotary piston compressor			
Operating temperature range	+10°C - +50°C			
Setting range	+20°C - +50°C			
Ambient / cabinet air flow	170 / 125 m³/h		215 / 115 m³/h	
Mounting	external / recessed			
Dimensions A x B x C (D)	520 x 270 x 110 (25) mm		340 x 520 x 110 (25) mm	
Housing material / colour	Mild steel, powder coated, RAL 7035			
Weight	13 kg		14.8 kg	
ELECTRICAL DATA				
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	230 V ~ 50/60 Hz	120 V ~ 60 Hz
Current L35L35	1.5 A @ 50 Hz 1.6 A @ 60 Hz	3.2 A @ 60 Hz	1.6 A @ 50 Hz 1.5 A @ 60 Hz	3.2 A @ 60 Hz
Starting current	3.2 A	7.1 A	3.2 A	7.4 A
Max. current	1.8 A	4.2 A	1.8 A	4.2 A
Nominal power L35L35	315 W @ 50 Hz 335 W @ 60 Hz	315 W @ 60 Hz	350 W @ 50 Hz 346 W @ 60 Hz	350 W @ 60 Hz
Max. power	375 W		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, RoHS, cURus, Type 12			

Performance graphs



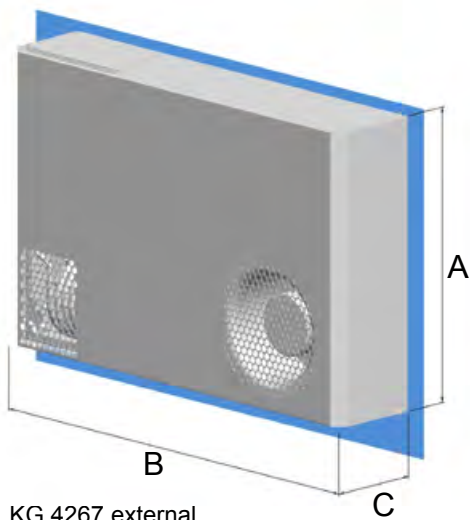
KG 4266 external



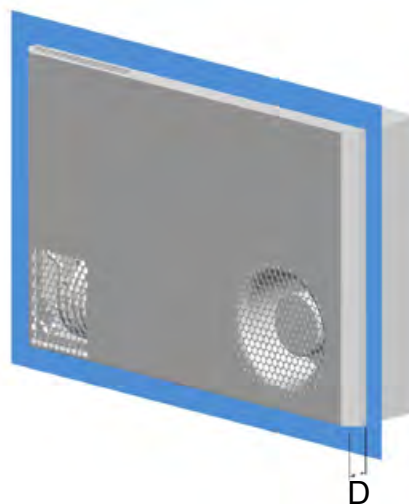
recessed



rear view



KG 4267 external



recessed



rear view

For mounting templates please refer to page 16

SoliTherm® SlimLine

Filterless enclosure cooling



KG 4268

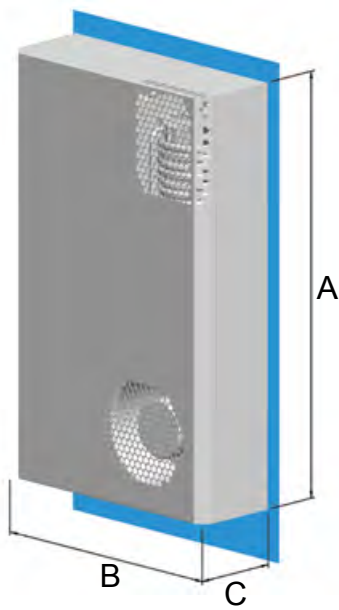
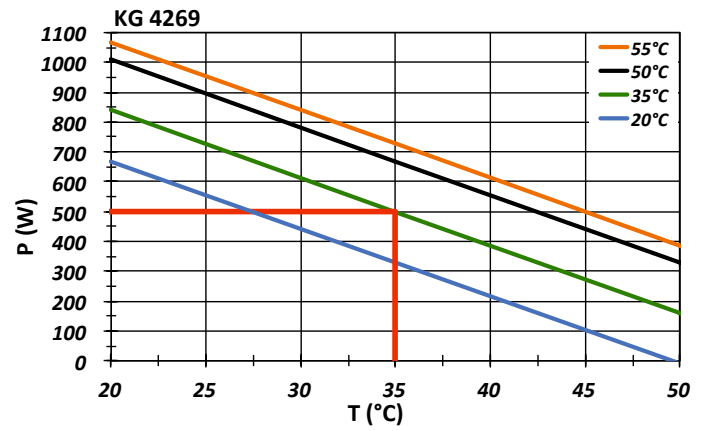
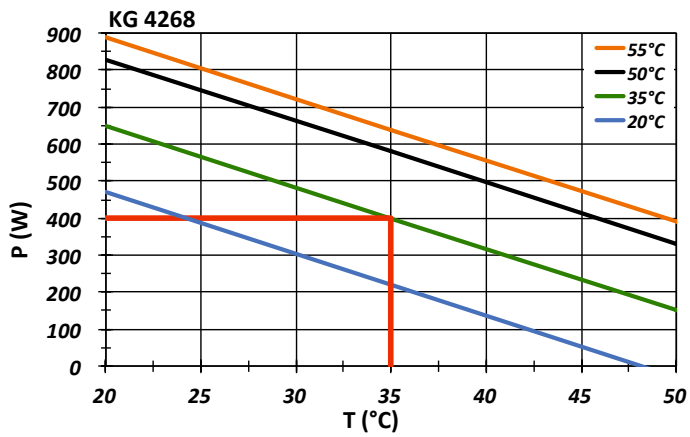
External or recessed mounting

- ✓ Cooling capacities: 400 W and 500 W
- ✓ Completely filterless, no need for any filter media
- ✓ Virtually maintenance free
- ✓ Only 110 mm deep therefore the slimmest air conditioners on the market
- ✓ NEMA 4X upgrade covers for stainless steel versions, please refer to page 54
- ✓ Assembly parts, mounting template and condensation kit included

CE RoHS COMPLIANT cUL US Type 12

KG 4268, KG 4269				
Type	KG 4268-230V	KG 4268-120V	KG 4269-230V	KG 4269-120V
Order number	42680001	42681001	42690001	42691001
Order number stainless steel 304 (V2A)	42XXX02			
Cooling capacity L35L35	400 W @ 50 Hz 425 W @ 60 Hz	400 W @ 60 Hz	500 W @ 50 Hz 520 W @ 60 Hz	500 W @ 60 Hz
Cooling capacity L35L50	155 W @ 50 Hz 165 W @ 60 Hz	155 W @ 60 Hz	160 W @ 50 Hz 180 W @ 60 Hz	160 W @ 60 Hz
Compressor type	Rotary piston compressor			
Operating temperature range	+10°C - +50°C			
Setting range	+20°C - +50°C			
Ambient / cabinet air flow	200 / 125 m³/h		250 / 125 m³/h	
Mounting	external / recessed			
Dimensions A x B x C (D)	520 x 320 x 110 (25) mm		600 x 320 x 110 (25) mm	
Housing material / colour	Mild steel, powder coated, RAL 7035			
Weight	14.8 kg		15.8 kg	
ELECTRICAL DATA				
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	230 V ~ 50/60 Hz	120 V ~ 60 Hz
Current L35L35	1.6 A @ 50 Hz 1.5 A @ 60 Hz	3.2 A @ 60 Hz	2.4 A @ 50 Hz 2.6 A @ 60 Hz	4.4 A @ 60 Hz
Starting current	3.2 A	7.4 A	5.8 A	14.6 A
Max. current	1.9 A	4.2 A	2.8 A	5.1 A
Nominal power L35L35	325 W @ 50 Hz 345 W @ 60 Hz	325 W @ 60 Hz	480 W @ 50 Hz 490 W @ 60 Hz	475 W @ 60 Hz
Max. power	440 W		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, RoHS, cURus, Type 12			

Performance graphs



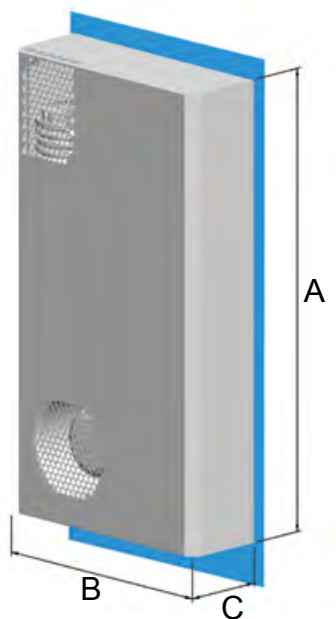
KG 4268 external



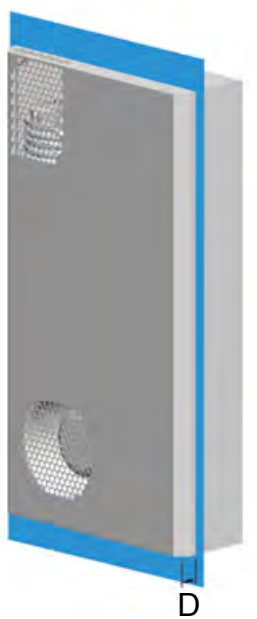
recessed



rear view



KG 4269 external



recessed



rear view

For mounting templates please refer to page 16



KG 4270

SoliTherm® SlimLine

Filterless enclosure cooling

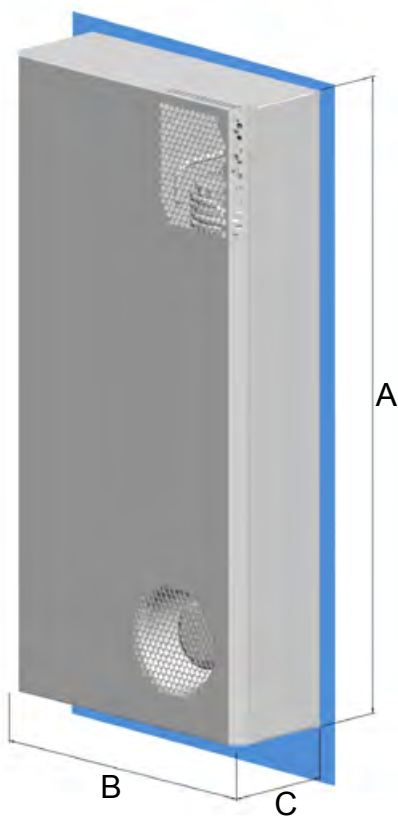
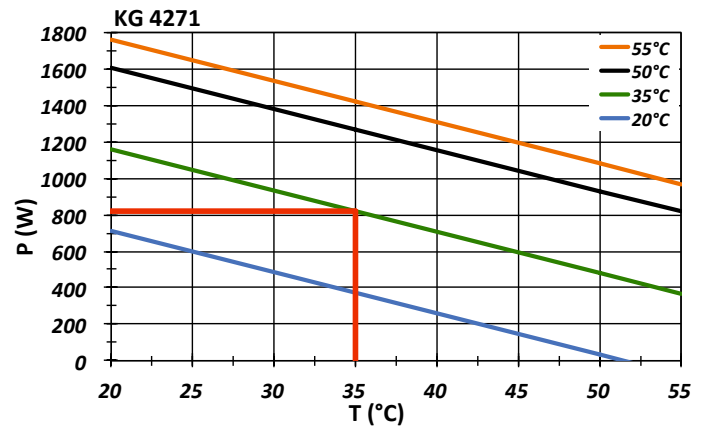
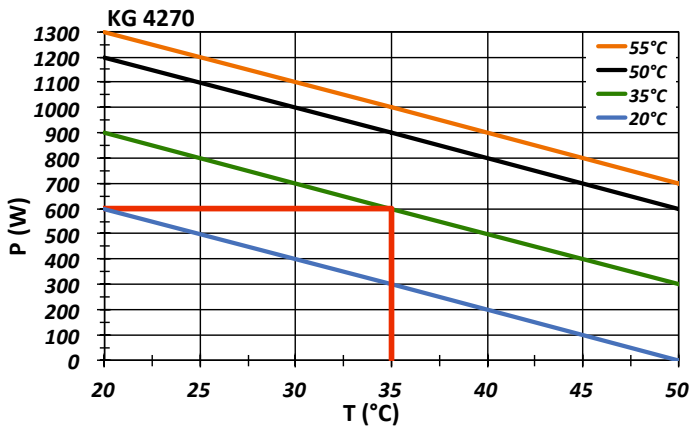
External or recessed mounting

- ✓ Cooling capacities: 600 W and 820 W
- ✓ Completely filterless, no need for any filter media
- ✓ Virtually maintenance free
- ✓ Optional master / slave function available
- ✓ NEMA 4X upgrade covers for stainless steel versions, please refer to page 54
- ✓ Assembly parts, mounting template and condensation kit included



KG 4270, KG 4271						
Type	KG 4270 - 230V	KG 4270 - 120V	KG 4270 - 400V	KG 4271 - 230V	KG 4271 - 120V	KG 4271 - 400V
Order number	42700001	42701001	42702001	42710001	42711001	42712001
Order number stainless steel 304 (V2A)	42XXX02					
Cooling capacity L35L35	600 W @ 50/60 Hz	600 W @ 60 Hz	600 W @ 50/60 Hz	820 W @ 50 Hz 885 W @ 60 Hz	820 W @ 60 Hz	820 W @ 50 Hz 885 W @ 60 Hz
Cooling capacity L35L50	300 W @ 50/60 Hz	300 W @ 60 Hz	300 W @ 50/60 Hz	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 temperature range	+10°C - +50°C			+10°C - +55°C		
Setting range	+20°C - +50°C					
Ambient / cabinet air flow	340 / 170 m³/h			320 / 290 m³/h		
Mounting	external / recessed					
Dimensions A x B x C (D)	810 x 395 x 145 (25) mm			980 x 395 x 145 (25) mm		
Housing material / colour	Mild steel, powder coated, RAL 7035					
Weight	30 kg	33 kg		34 kg	38 kg	
ELECTRICAL DATA						
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V - 50/60 Hz 2~	230 V ~ 50/60 Hz	120 V ~ 60 Hz	380/415 V - 50 Hz 3~ 400/460 V - 60 Hz 3~
Current L35L35	2.3 A @ 50 Hz 2.5 A @ 60 Hz	5.2 A @ 60 Hz	1.5 A @ 50/60 Hz	3.3 A @ 50 Hz 3.7 A @ 60 Hz	7.2 A @ 60 Hz	1.4 A @ 50/60 Hz
Starting current	5.8 A	15.2 A	4 A	15.5 A	37 A	8.2 A
Max. current	3 A	7 A	2.1 A	4.3 A	8.7 A	2.9 A
Nominal power L35L35	440 W @ 50 Hz 480 W @ 60 Hz	570 W @ 60 Hz	550 W @ 50 Hz 570 W @ 60 Hz	660 W @ 50 Hz 760 W @ 60 Hz	755 W @ 60 Hz	660 W @ 50 Hz 760 W @ 60 Hz
Max. power	575 W	700 W		850 W	905 W	840 W
Fuse rating	6 A (T)	16 A (T)	2 x 3 A (T)	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, RoHS, cURus, Type 12					

Performance graphs



KG 4270 / 71 external



recessed



rear view



KG 4272

SoliTherm® SlimLine

Filterless enclosure cooling

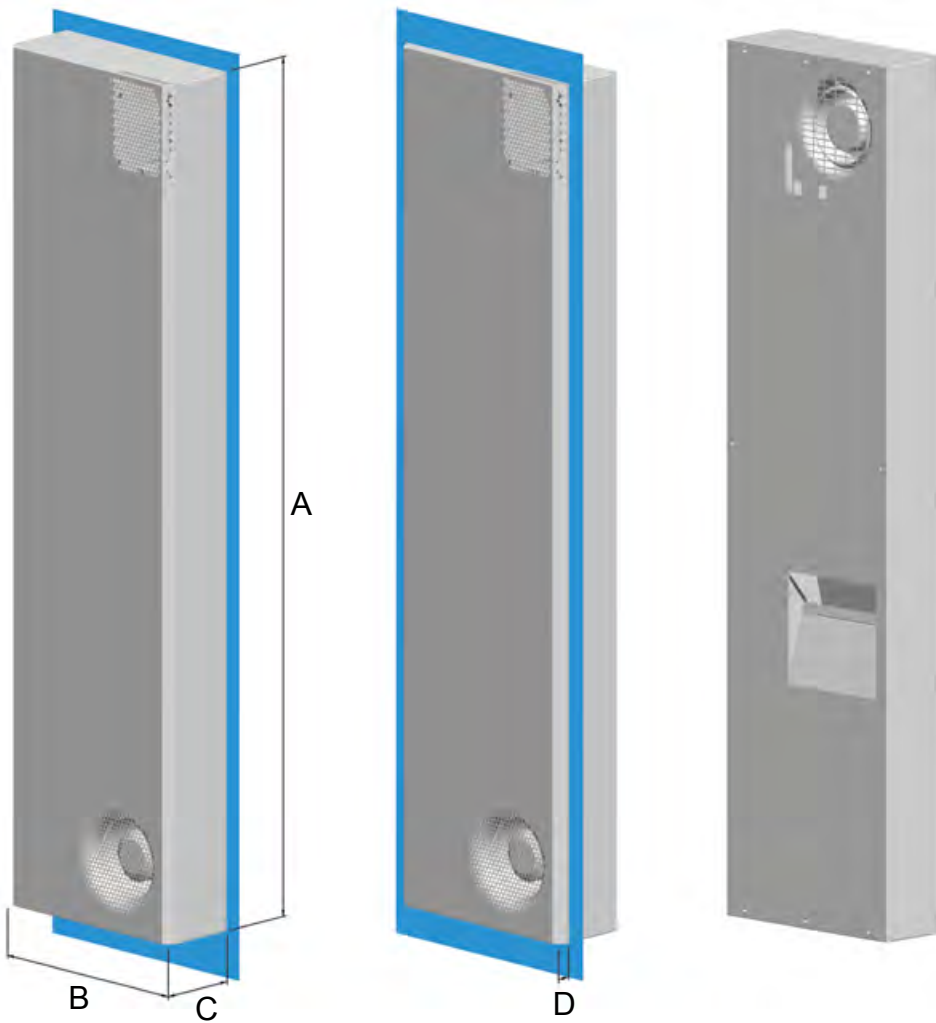
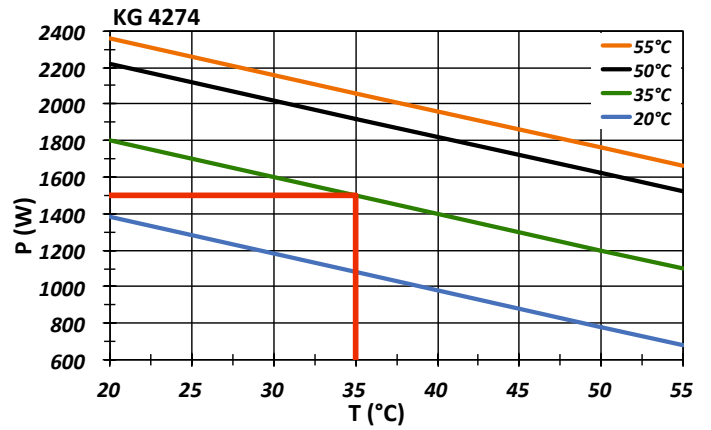
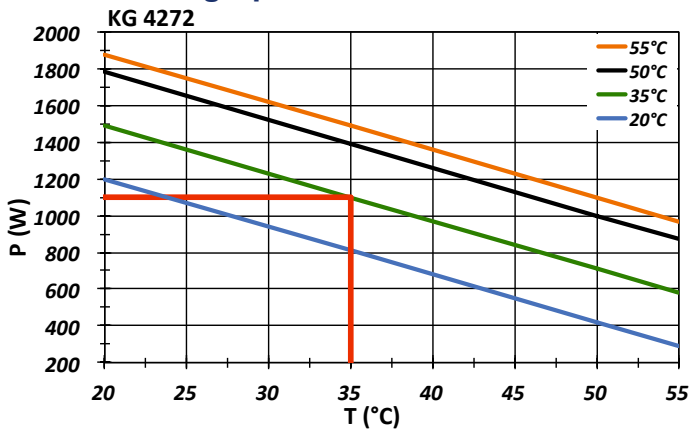
External or recessed mounting

- ✓ Cooling capacities: 1.1 kW and 1.5 kW
- ✓ Completely filterless, no need for any filter media
- ✓ Virtually maintenance free
- ✓ Optional master / slave function available
- ✓ NEMA 4X upgrade covers for stainless steel versions, please refer to page 54
- ✓ Assembly parts, mounting template and condensation kit included



KG 4272, KG 4274						
Type	KG 4272-230V	KG 4272-120V	KG 4272-400V	KG 4274-230V	KG 4274-120V	KG 4274-400V
Order number	42720001	42721001	42722001	42740001	42741001	42742001
Order number stainless steel 304 (V2A)	42XXX02					
Cooling capacity L35L35	1.1 kW @ 50 Hz 1.2 kW @ 60 Hz	1.1 kW @ 60 Hz	1.1 kW @ 50 Hz 1.2 kW @ 60 Hz	1.5 kW @ 50/60 Hz	1.4 kW @ 60 Hz	1.5 kW @ 50/60 Hz
Cooling capacity L35L50	850 W @ 50 Hz 870 W @ 60 Hz	800 W @ 60 Hz	850 W @ 50 Hz 870 W @ 60 Hz	1.2 kW @ 50/60 Hz	950 W @ 60 Hz	1.2 kW @ 50/60 Hz
Compressor type	Rotary piston compressor					
Operating temperature range	+10°C - +55°C					
Setting range	+20°C - +50°C					
Ambient / cabinet air flow	430 / 200 m³/h					
Mounting	external / recessed					
Dimensions A x B x C (D)	1250 x 395 x 145 (25) mm			1550 x 395 x 145 (25) mm		
Housing material / colour	Mild steel, powder coated, RAL 7035					
Weight	40 kg		41 kg		50 kg	
ELECTRICAL DATA						
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	380/415 V - 50 Hz 3~ 400/460 V - 60 Hz 3~	230 V ~ 50/60 Hz	120 V ~ 60 Hz	380/415 V - 50 Hz 3~ 400/460 V - 60 Hz 3~
Current L35L35	3.4 A @ 50 Hz 4.1 A @ 60 Hz	8.0 A @ 60 Hz	1.6 A @ 50 Hz 1.5 A @ 60 Hz	4.3 A @ 50 Hz 5.5 A @ 60 Hz	8.8 A @ 60 Hz	1.8 A @ 50 Hz 2.0 A @ 60 Hz
Starting current	15.5 A	37 A	8.2 A	22 A	37 A	13 A
Max. current	4.5 A	10.0 A	1.8 A	7.0 A	12.1 A	3.2 A
Nominal power L35L35	740 W @ 50 Hz 865 W @ 60 Hz	900 W @ 60 Hz	830 W @ 50 Hz 850 W @ 60 Hz	1.00 kW @ 50 Hz 1.23 kW @ 60 Hz	1.0 kW @ 60 Hz	1.00 kW @ 50 Hz 1.21 kW @ 60 Hz
Max. power	1.04 kW	1.1 kW	1.04 kW	1.58 kW	1.34 kW	1.53 kW
Fuse rating	10 A (T)	16 A (T)	3 x 6 A (T)	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, RoHS, cURus, Type 12					

Performance graphs



KG 4272 / 4274 external

recessed

rear view

For mounting templates please refer to page 19, 20

SoliTherm® SlimLine TOP

Filterless enclosure cooling



KG 4482

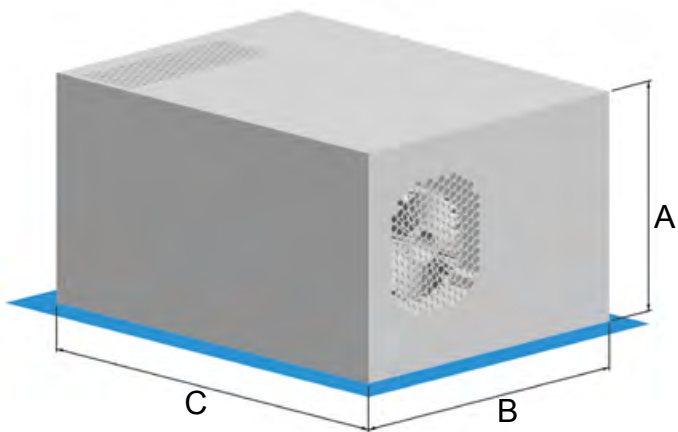
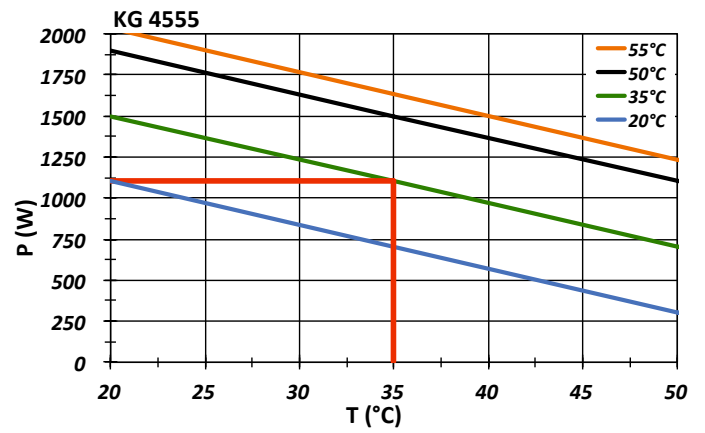
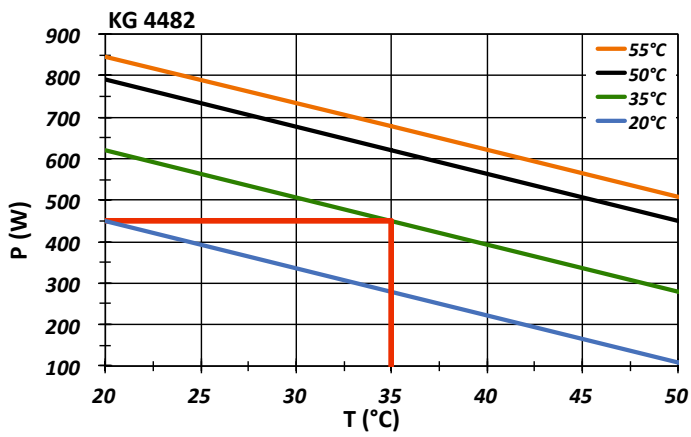
Roof mounted

- ✓ Cooling capacities: 450 W and 1.1 kW
- ✓ Maximum cooling power with minimum space
- ✓ Completely filterless, no need for any filter media
- ✓ Virtually maintenance free
- ✓ Assembly parts, mounting template and condensation kit included

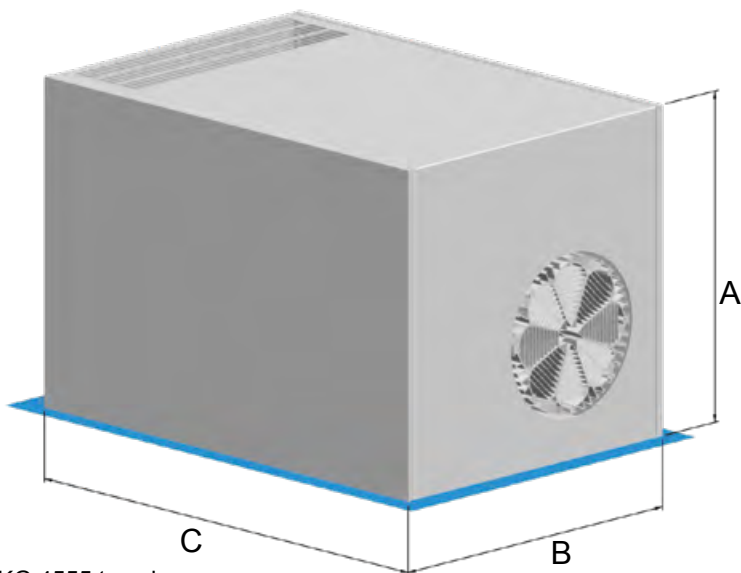
CE RoHS COMPLIANT cURus US
Type 12

KG 4482, KG 4555					
Type	KG 4482-230V	KG 4482-120V	KG 4555-230V	KG 4555-120V	KG 4555-400V
Order number	44820001	44821001	45550001	45551001	45552001
Order number stainless steel 304 (V2A)	4482X02		4555X02		
Cooling capacity L35L35	450 W @ 50 Hz 460 W @ 60 Hz	460 W @ 60 Hz	1.10 kW @ 50 Hz 1.15 kW @ 60 Hz	1.1 kW @ 60 Hz	1.10 kW @ 50 Hz 1.15 kW @ 60 Hz
Cooling capacity L35L50	280 W @ 50 Hz	280 W @ 60 Hz	700 W @ 50 Hz 750 W @ 60 Hz	700 W @ 60 Hz	700 W @ 50 Hz 750 W @ 60 Hz
Compressor type	Rotary piston compressor				
Operating temperature range	+10°C - +50°C		+10°C - +55°C		
Setting range	+20°C - +50°C				
Ambient / cabinet air flow	250 / 140 m³/h		360 / 720 m³/h		
Mounting	Roof mounted				
Dimensions A x B x C	230 x 330 x 430 mm		400 x 400 x 600 mm		
Housing material / colour	Mild steel, powder coated, RAL 7035				
Weight	23 kg		55 kg		
ELECTRICAL DATA					
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 3~
Current L35L35	2.1 W @ 50 Hz 2.2 W @ 60 Hz	4.2 A @ 60 Hz	4.0 A @ 50 Hz 4.4 A @ 60 Hz	8 A @ 60 Hz	2.3 A @ 50 Hz 2.5 A @ 60 Hz
Starting current	6.8 A	17 A	15 A	37 A	8.2 A
Max. current	2.8 A	5.2 A	4.8 A	9.6 A	2.8 A
Nominal power L35L35	465 W @ 50 Hz 485 W @ 60 Hz	480 W @ 60 Hz	800 W @ 50 Hz 900 W @ 60 Hz	800 W @ 60 Hz	800 W @ 50 Hz 900 W @ 60 Hz
Max. power	580 W	590 W	1.09 kW		
Fuse rating	6 A (T)		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, RoHS, cURus, Type 12		CE, RoHS		

Performance graphs



KG 4482 top view



KG 4555 top view

For mounting templates please refer to page 21

SoliTherm® 19" cooling units

Filterless enclosure cooling



KG 4533

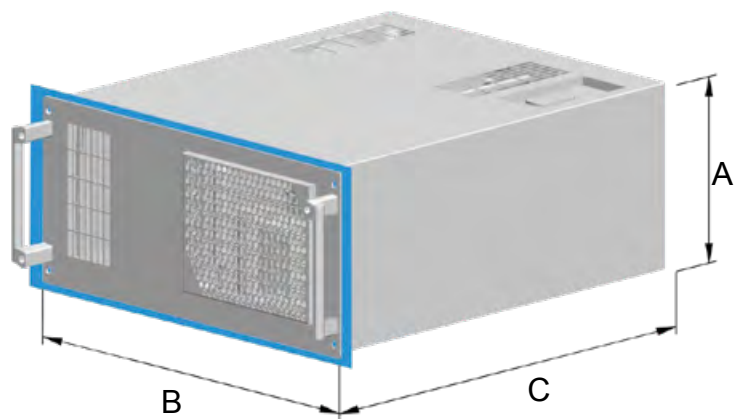
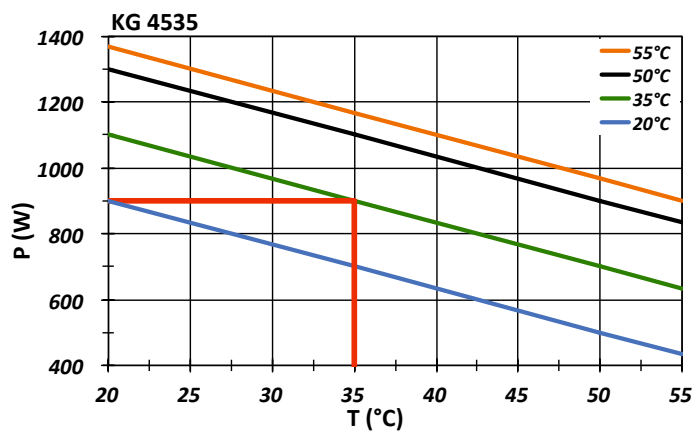
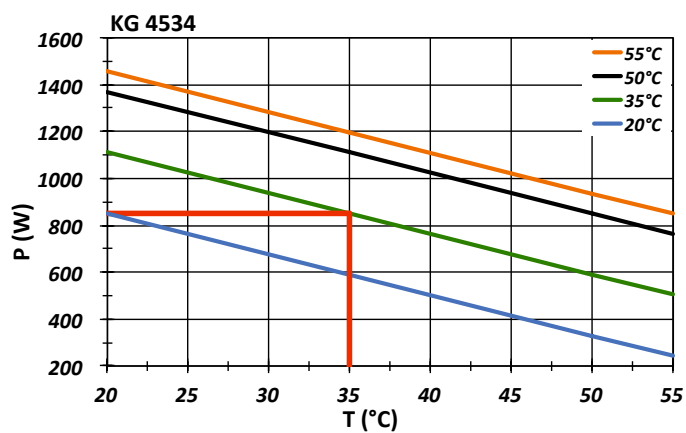
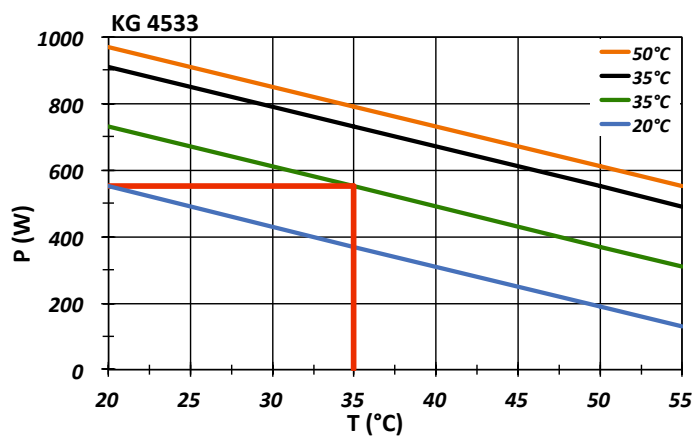
19" Rack mounted

- ✓ Cooling capacities: 550 W and 900 W
- ✓ Suitable for IT server racks and telecom applications
- ✓ Virtually maintenance free
- ✓ Assembly parts and condensation kit included



KG 4533, KG 4534, KG 4535				
Type	KG 4533-230V	KG 4534-230V	KG 4535-230V	KG 4535-120V
Order number	45330001	45340001	4535000	4535100
Cooling capacity L35L35	550 W @ 50 Hz 570 W @ 60 Hz	850 W @ 50 Hz 930 W @ 60 Hz	900 W @ 50 Hz 950 W @ 60 Hz	900 W @ 60 Hz
Cooling capacity L35L50	370 W @ 50 Hz 445 W @ 60 Hz	590 W @ 50 Hz 635 W @ 60 Hz	700 W @ 50 Hz 750 W @ 60 Hz	700 W @ 60 Hz
Compressor type	Reciprocating compressor		Rotary piston compressor	
Operating temperature range	+10°C - +55°C			
Setting range	+20°C - +55°C			
Ambient / cabinet air flow	177 / 265 m³/h	250 / 280 m³/h	450 / 210 m³/h	
Mounting	19" Rack mounted			
Dimensions A x B x C	222 x 483 x 549 mm	266 x 483 x 549 mm	266 x 483 x 565 mm	
Housing material / colour	Mild steel, powder coated, RAL 7035			
Weight	28 kg	23 kg	23 kg	
ELECTRICAL DATA				
Voltage / Frequency	230 V ~ 50/60 Hz	230 V ~ 50/60 Hz	230 V ~ 50/60 Hz	120 V ~ 60 Hz
Current L35L35	2.1 A @ 50/60 Hz	4.5 A @ 50 Hz 4.3 A @ 60 Hz	3.0 W @ 50 Hz 3.2 W @ 60 Hz	9 A @ 60 Hz
Starting current	9.1 A	19.7 A	7 A	33 A
Max. current	2.5 A	5.8 A	3.5 A	
Nominal power L35L35	374 W @ 50 Hz 425 W @ 60 Hz	795 W @ 50 Hz 900 W @ 60 Hz	700 W @ 50 Hz 750 W @ 60 Hz	1.15 kW @ 60 Hz
Max. power	525 W	1.22 kW	805 W	
Fuse rating	6 A (T)		10 A (T)	
Connection	Connection terminal block		Connection cable 3 m	
IP protection to IEC 60 529	External circuit: IP 24 / Internal circuit: IP 54		External circuit: IP 24 / Internal circuit: IP 44	
Certification	CE, RoHS		CE, RoHS, cURus, Type 12	

Performance graphs

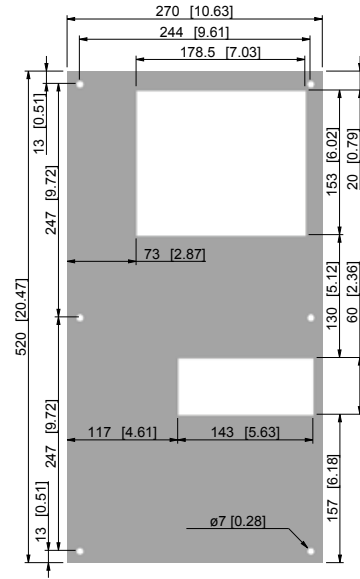


KG 4533 / 4534 / 4535

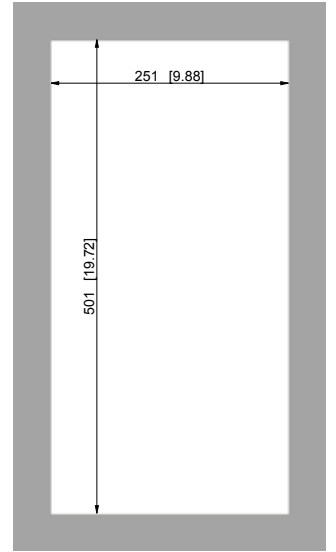


rear view

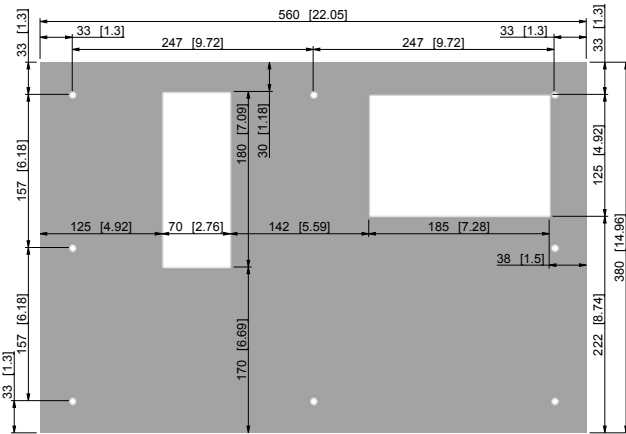
Mounting templates SlimLine



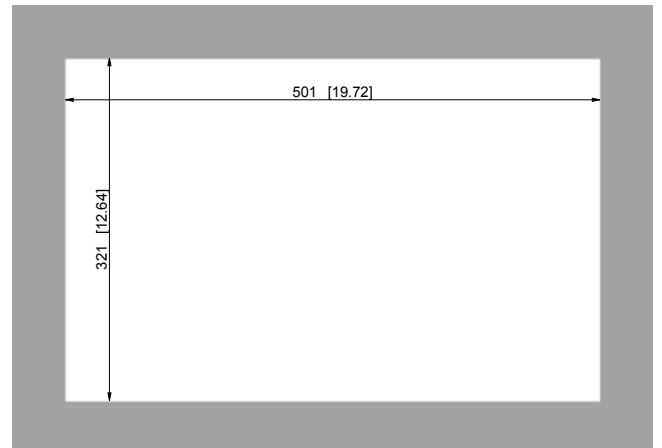
KG 4266 external



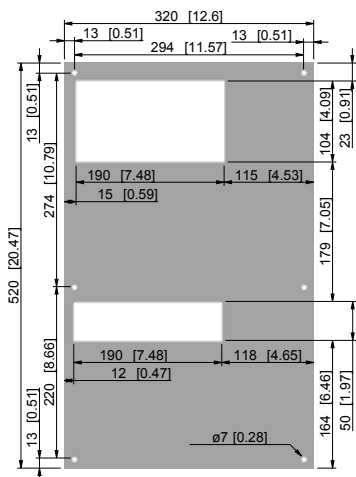
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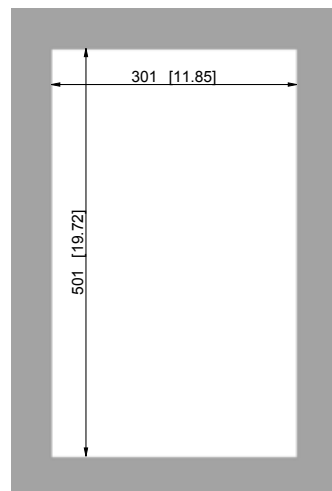
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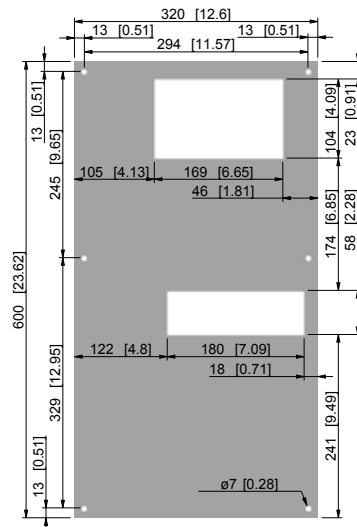
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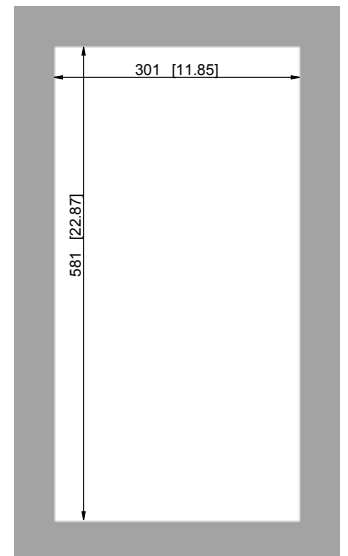
KG 4268 external



KG 4268 external / recessed

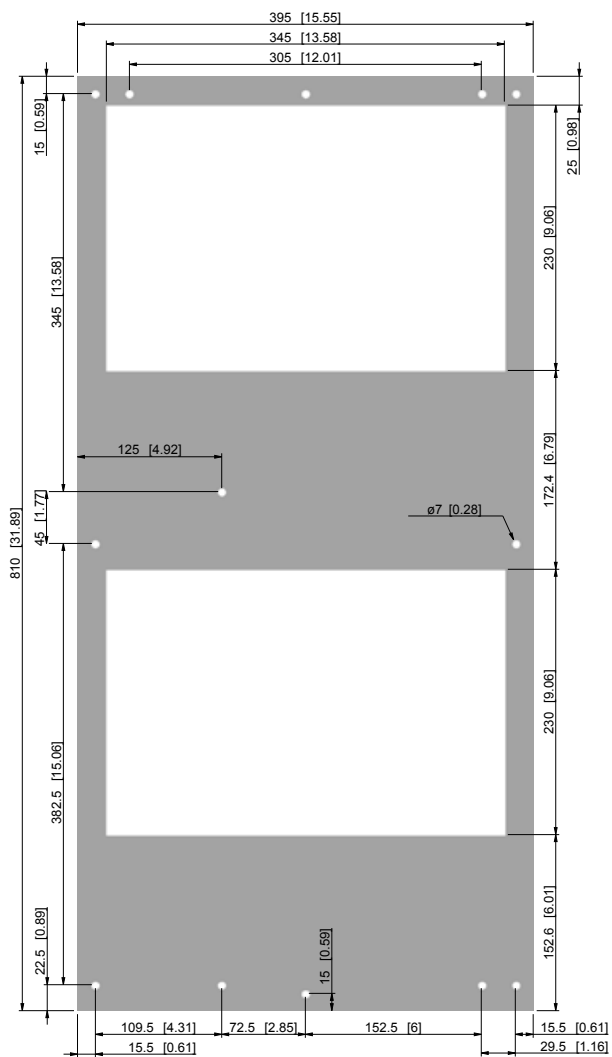


KG 4269 external

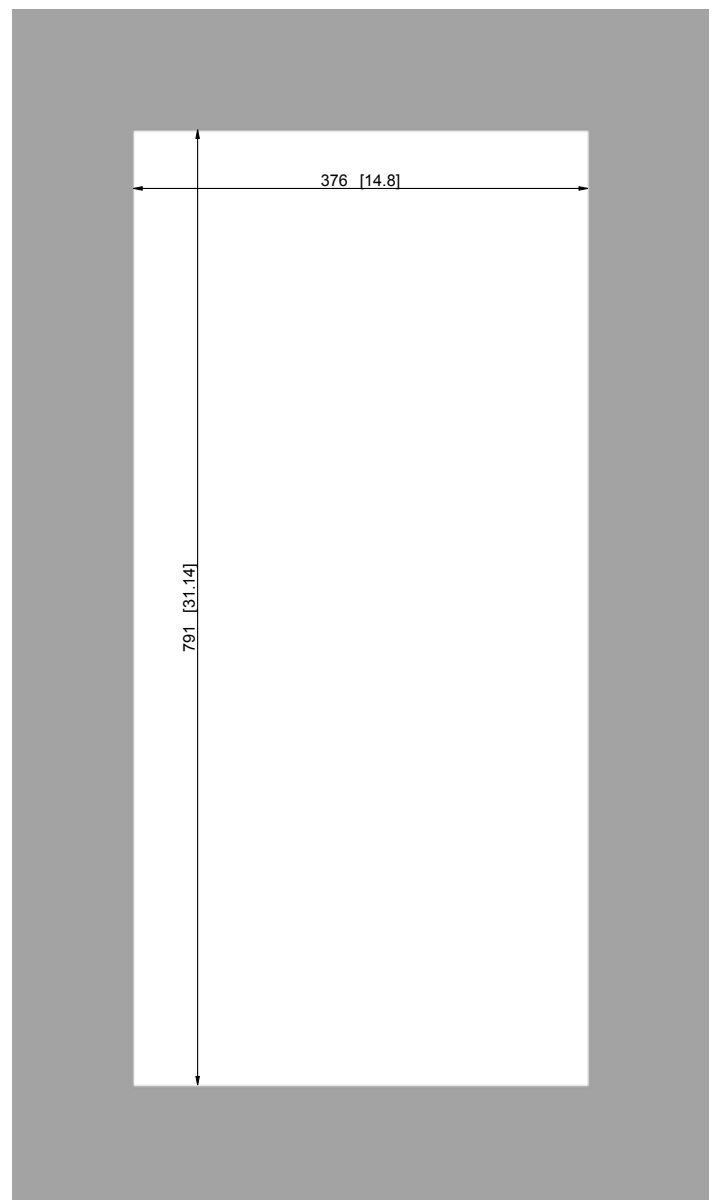


KG 4269 external / recessed

Mounting templates SlimLine

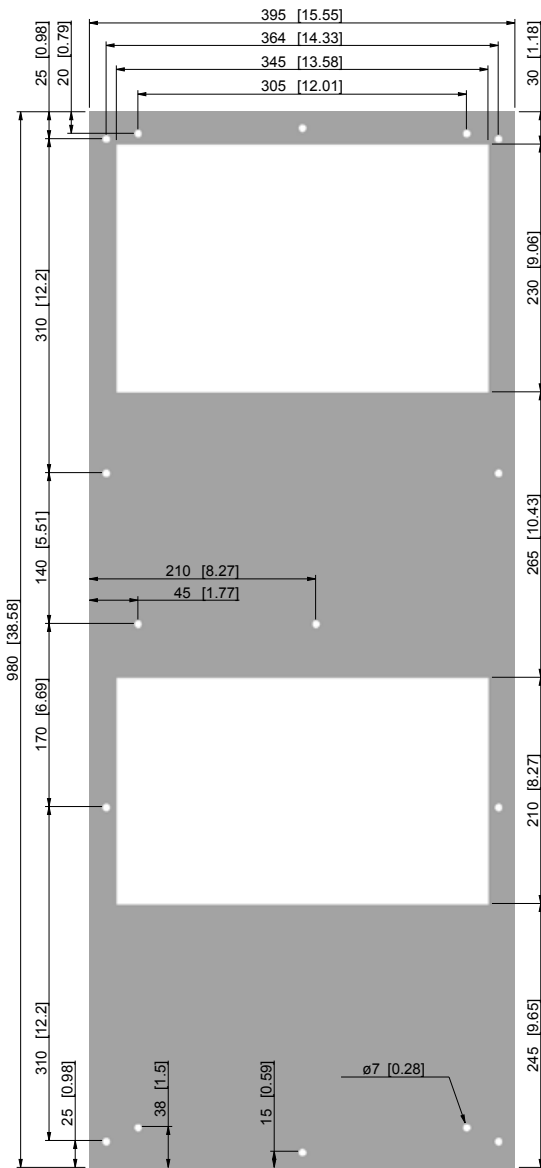


KG 4270 external

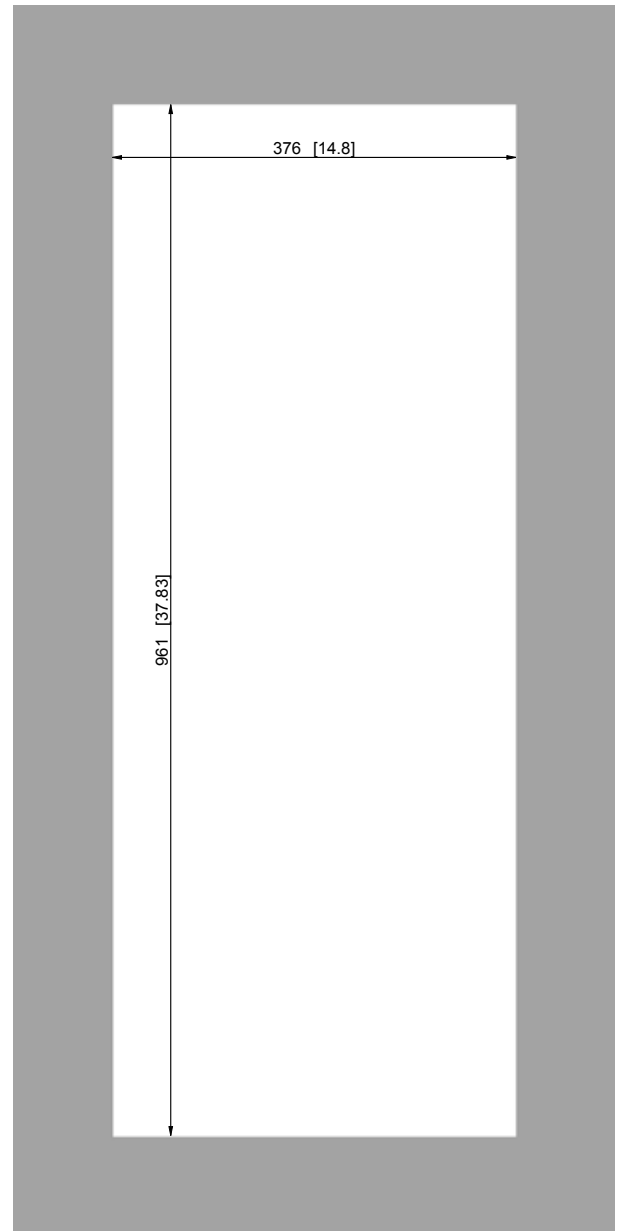


KG 4270 external / recessed

Mounting templates SlimLine



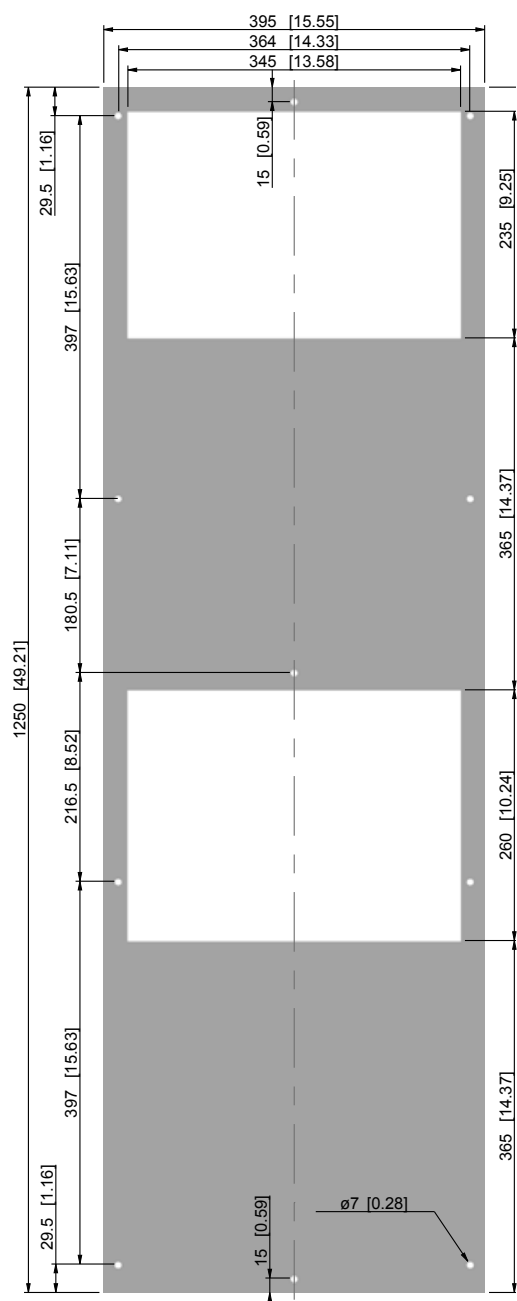
KG 4271 external



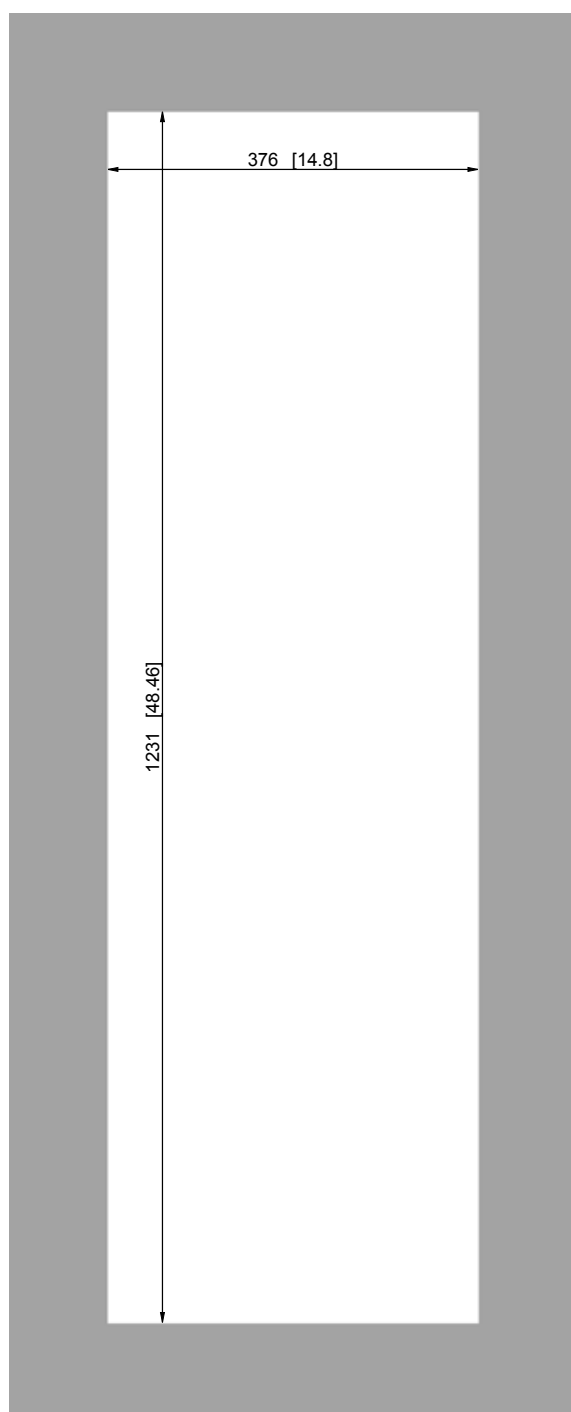
KG 4271 external / recessed



Mounting templates SlimLine



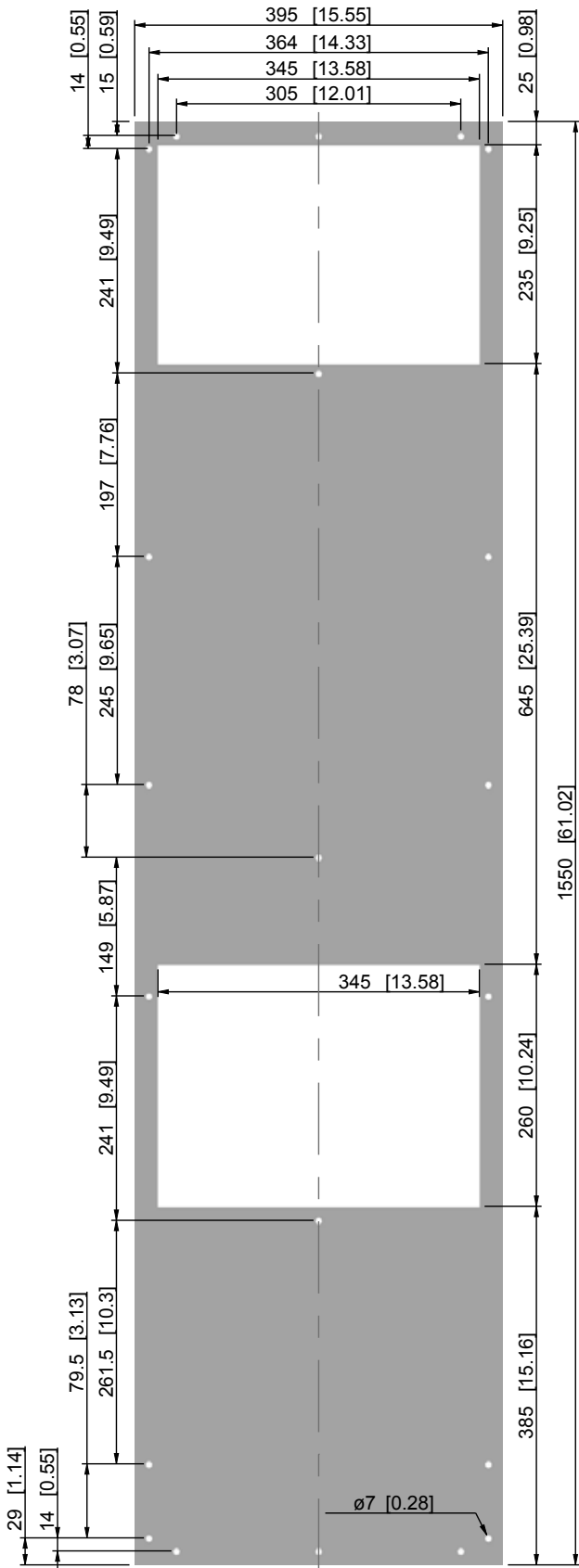
KG 4272 external



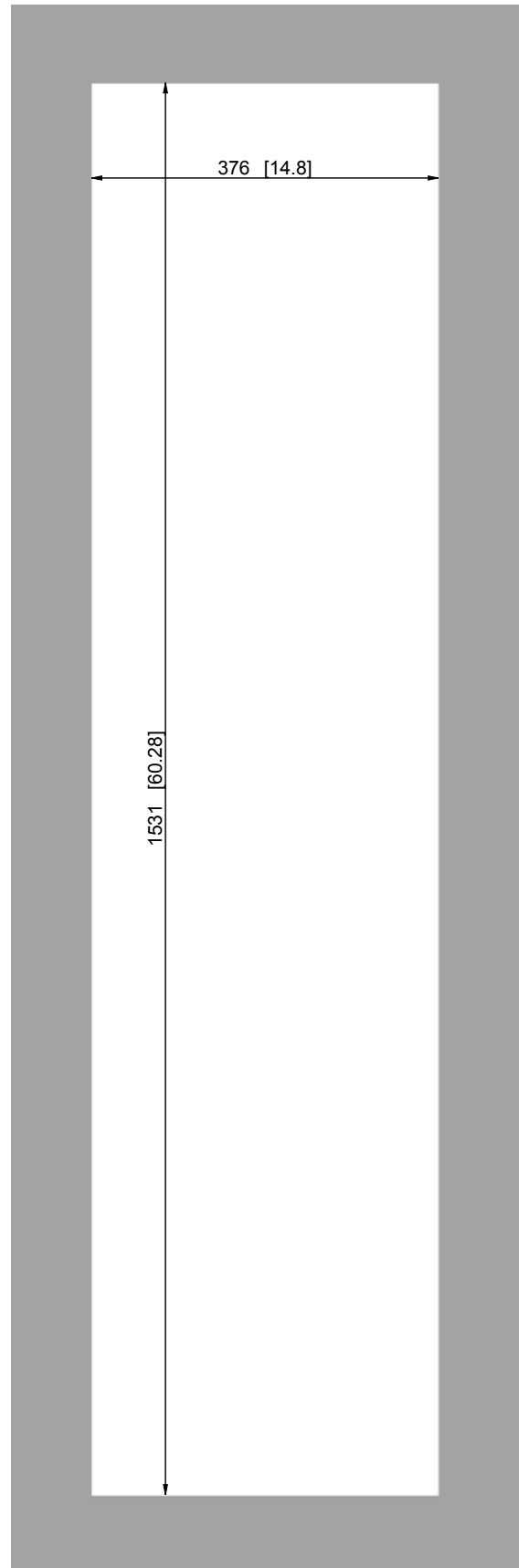
KG 4272 external / recessed



Mounting templates SlimLine



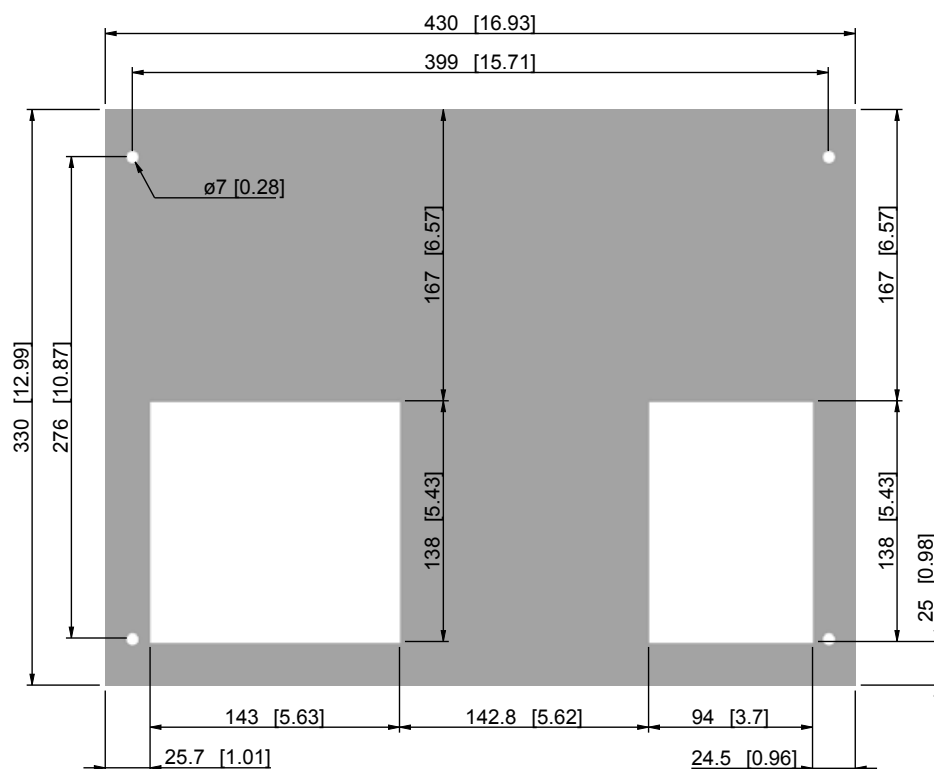
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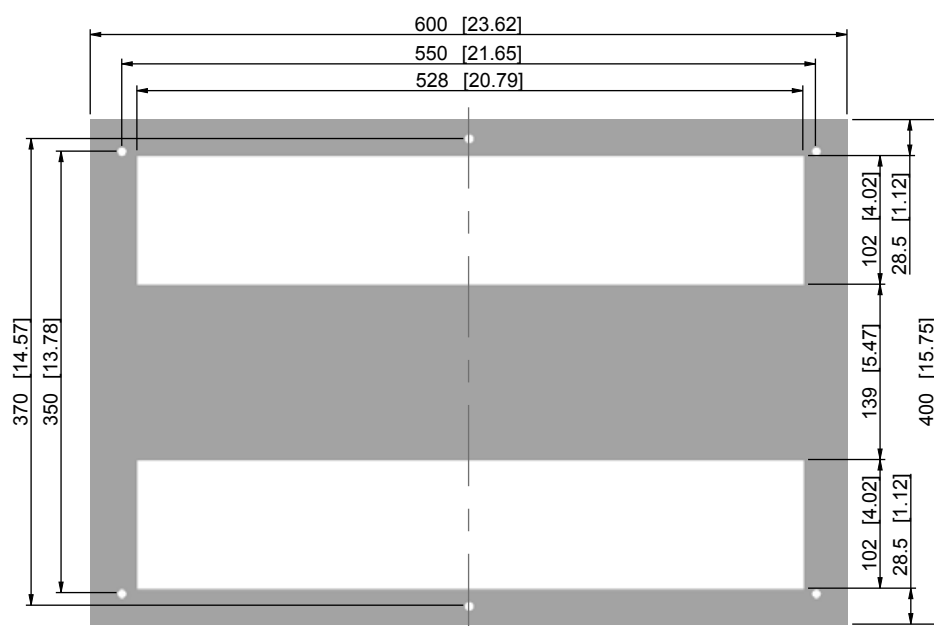
KG 4274 recessed



Mounting templates SlimLine



KG 4482 external



KG 4555 external



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KG 4304

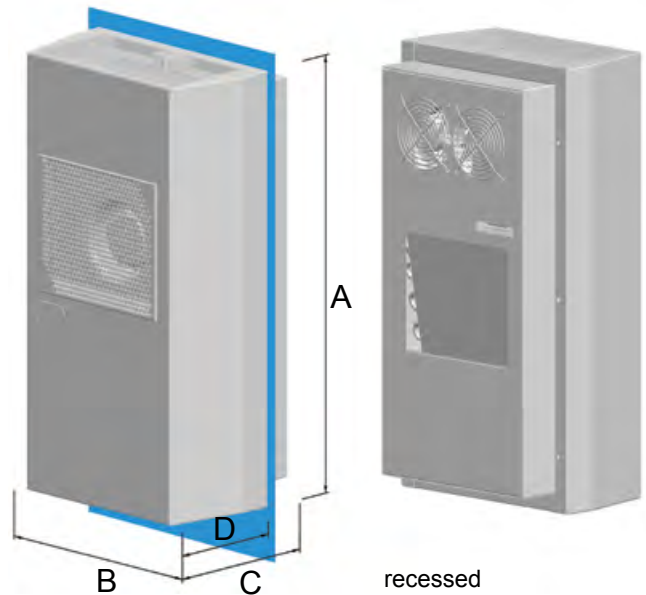
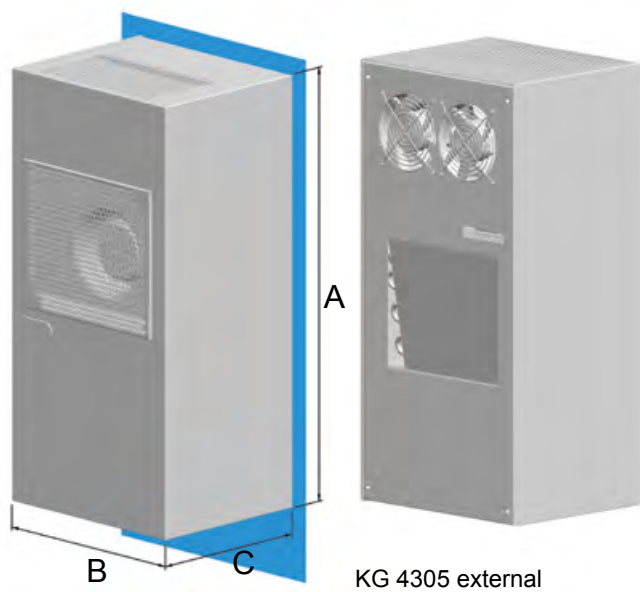
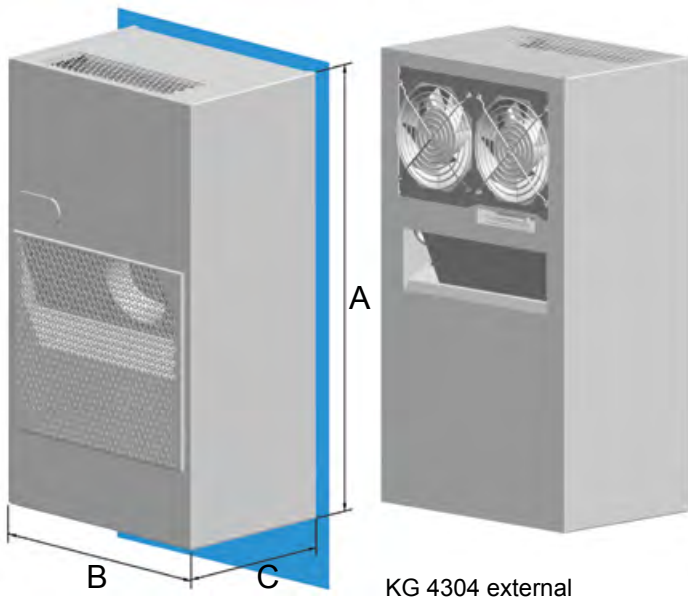
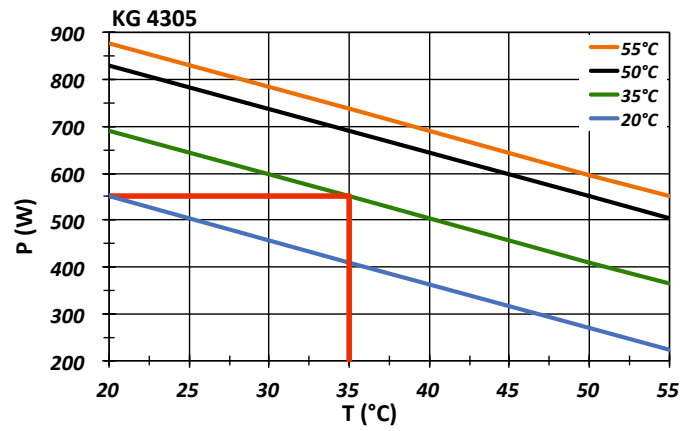
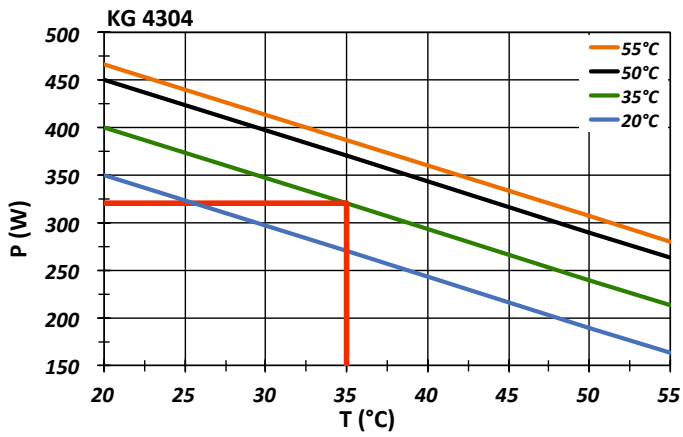
External or recessed mounting

- ✓ Cooling capacities: 320 W and 550 W
- ✓ Nano-coated hydrophobic condenser
- ✓ Virtually maintenance free
- ✓ Adjustable electronic controller with display
- ✓ Optional condensate evaporator (> 2 KW)
- ✓ Standard recess depth of 90 mm
- ✓ For accessories please refer to page 54
- ✓ Assembly parts, mounting template and condensation kit included

CE RoHS COMPLIANT cULUS
Type 12

KG 4304, KG 4305						
Type	KG 4304-230V	KG 4304-120V	KG 4304-400V	KG 4305-230V	KG 4305-120V	KG 4305-400V
Order number external	43040001	43041001	43042001	43050001	43051001	43052001
Order number recessed				43050081	43051081	43052081
Order number stainless steel 304 (V2A)	43XXXX2 / 43XXXX26					
Cooling capacity L35L35	320 W @ 50 Hz 360 W @ 60 Hz	360 W @ 60 Hz	320 W @ 50 Hz 360 W @ 60 Hz	550 W @ 50 Hz 620 W @ 60 Hz	620 W @ 60 Hz	550 W @ 50 Hz 620 W @ 60 Hz
Cooling capacity L35L50	200 W @ 50 Hz 220 W @ 60 Hz	220 W @ 60 Hz	200 W @ 50 Hz 220 W @ 60 Hz	410 W @ 50 Hz 440 W @ 60 Hz	440 W @ 60 Hz	410 W @ 50 Hz 440 W @ 60 Hz
Compressor type	Reciprocating compressor					
Operating temperature range	+10°C - +55°C					
Setting range	+20°C - +50°C					
Ambient / cabinet air flow	90 / 115 m³/h			435 / 200 m³/h		
Mounting	external / recessed (90 mm)					
Dimensions A x B x C external	500 x 280 x 200 mm			650 x 315 x 260 mm		
Dimensions A x B x C (D) recessed	On request			715 x 372 x 260 (170) mm		
Housing material / colour	Mild steel, powder coated, RAL 7035					
Weight	18 kg	26 kg		27.7 kg	33.7 kg	
ELECTRICAL DATA						
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 2~	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 2~
Current L35L35	1.9 A @ 50 Hz 2.0 A @ 60 Hz	4.4 A	1.1 / 1.0 A	2.1 A @ 50/60 Hz	4.4 A	1.4 / 1.2 A
Starting current	6.1 A	12.5 A	3.8 A	9.8 A	19.1 A	4.3 A
Max. current	2.8 A	5.4 A	1.4 / 1.3 A	2.5 A	5.3 A	1.6 / 1.4 A
Nominal power L35L35	335 W @ 50 Hz 380 W @ 60 Hz	440 W		370 W @ 50 Hz 400 W @ 60 Hz	440 W	
Max. power	550 W			510 W	560 W	
Fuse rating	6 A (T)	10 A (T)	2 x 3.6 A (T)	6 A (T)	10 A (T)	2 x 3.6 A (T)
Connection	Connection terminal block					
IP protection to IEC 60 529	External circuit: IP 24 / Internal circuit: IP 54					
Certification	CE, RoHS, cURus, Type 12					

Performance graphs



For mounting templates please refer to page 32

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KG 4308

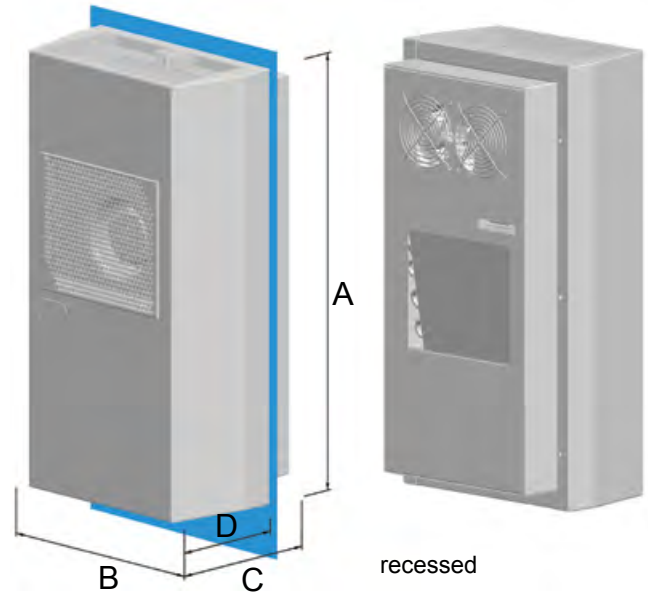
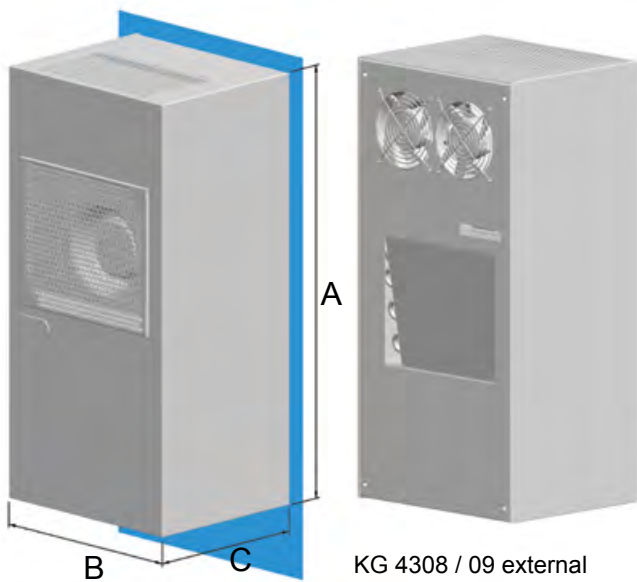
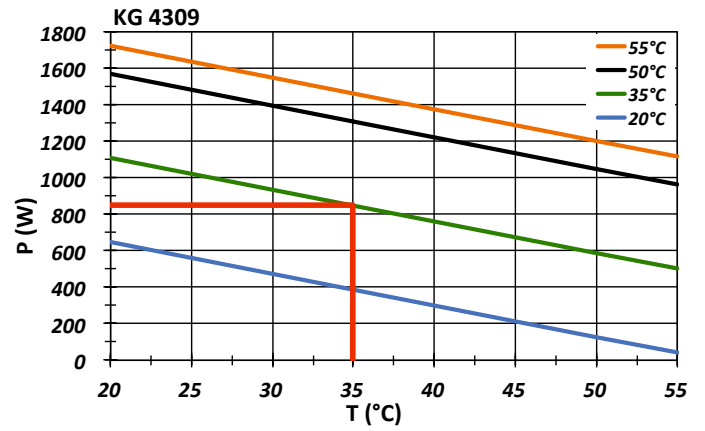
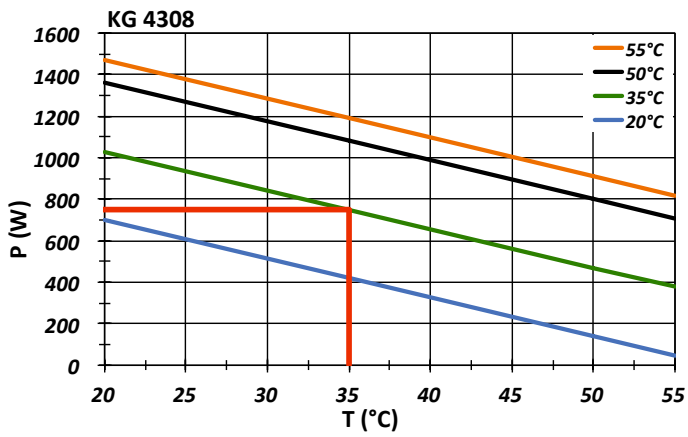
External or recessed mounting

- ✓ Cooling capacities: 750 W and 880 W
- ✓ Nano-coated hydrophobic condenser
- ✓ Virtually maintenance free
- ✓ Adjustable electronic controller with display
- ✓ Optional condensate evaporator (> 2 KW)
- ✓ Standard recess depth of 90 mm
- ✓ For accessories please refer to page 54
- ✓ Assembly parts, mounting template and condensation kit included

CE RoHS COMPLIANT cUL US
Type 12

KG 4308, KG 4309						
Type	KG 4308-230V	KG 4308-120V	KG 4308-400V	KG 4309-230V	KG 4309-120V	KG 4309-400V
Order number external	43080001	43081001	43082001	43090001	43091001	43092001
Order number recessed	43080081	43081081	43082081	43090081	43091081	43092081
Order number stainless steel 304 (V2A)	43XXXX2 / 43XXXX26					
Cooling capacity L35L35	750 W @ 50 Hz 780 W @ 60 Hz	780 W @ 60 Hz	750 W @ 50 Hz 780 W @ 60 Hz	850 W @ 50 Hz 880 W @ 60 Hz	880 W @ 60 Hz	850 W @ 50 Hz 880 W @ 60 Hz
Cooling capacity L35L50	470 W @ 50 Hz 510 W @ 60 Hz	510 W @ 60 Hz	470 W @ 50 Hz 510 W @ 60 Hz	610 W @ 50 Hz 660 W @ 60 Hz	660 W @ 60 Hz	610 W @ 50 Hz 660 W @ 60 Hz
Compressor type	Reciprocating compressor					
Operating temperature range	+10°C - +55°C					
Setting range	+20°C - +55°C					
Ambient / cabinet air flow	435 / 200 m³/h			410 / 200 m³/h		
Mounting	external / recessed (90 mm)					
Dimensions A x B x C external	650 x 315 x 260 mm					
Dimensions A x B x C (D) recessed	715 x 372 x 260 (170) mm					
Housing material / colour	Mild steel, powder coated, RAL 7035					
Weight	27.7 kg	33.7 kg		30 kg	36 kg	
ELECTRICAL DATA						
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 2~	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 2~
Current L35L35	2.3 A @ 50 Hz 2.5 A @ 60 Hz	5.3 A	1.6 / 1.3 A	3.0 A @ 50 Hz 3.2 A @ 60 Hz	6.4 A	2.0 / 1.8 A
Starting current	10.1 A	20.5 A	4.5 A	15.9 A	30 A	5.1 A
Max. current	3.8 A	6.4 A	2.4 / 2.1 A	4.1 A	8.2 A	2.6 / 2.3 A
Nominal power L35L35	410 W @ 50 Hz 490 W @ 60 Hz	540 W		530 W @ 50 Hz 610 W @ 60 Hz	640 W	
Max. power	780 W	860 W		810 W	870 W	
Fuse rating	6 A (T)	16 A (T)	2 x 3.6 A (T)	10 A (T)	16 A (T)	2 x 3.6 A (T)
Connection	Connection terminal block					
IP protection to IEC 60 529	External circuit: IP 24 / Internal circuit: IP 54					
Certification	CE, RoHS, cURus, Type 12					

Performance graphs



For mounting templates please refer to page 32

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KG 4310

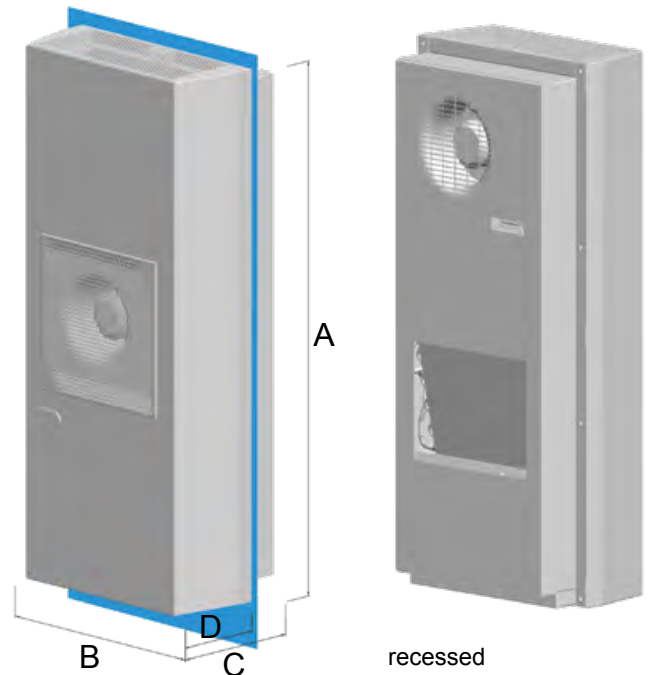
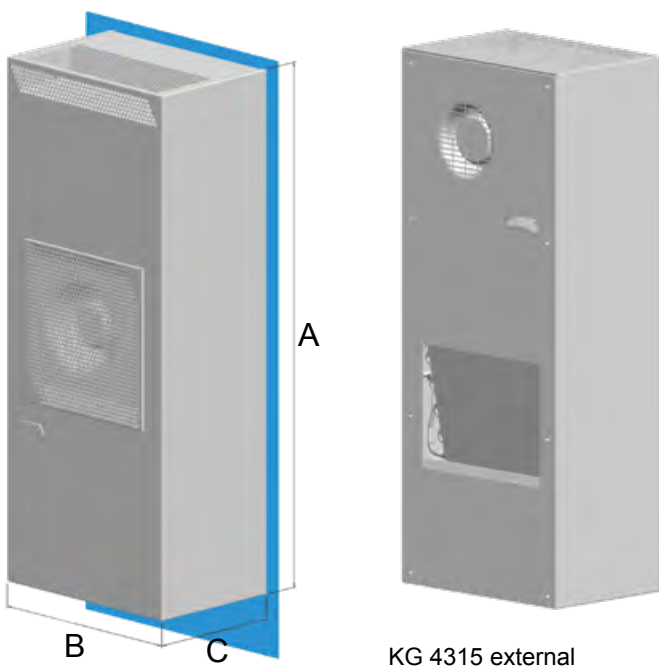
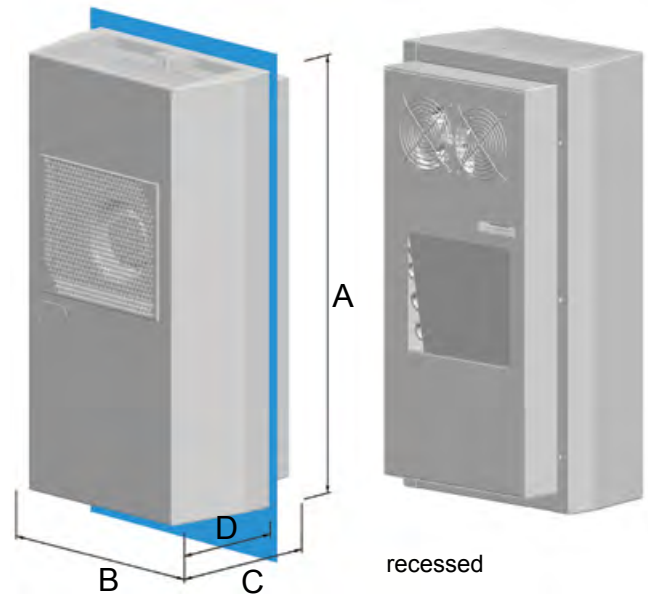
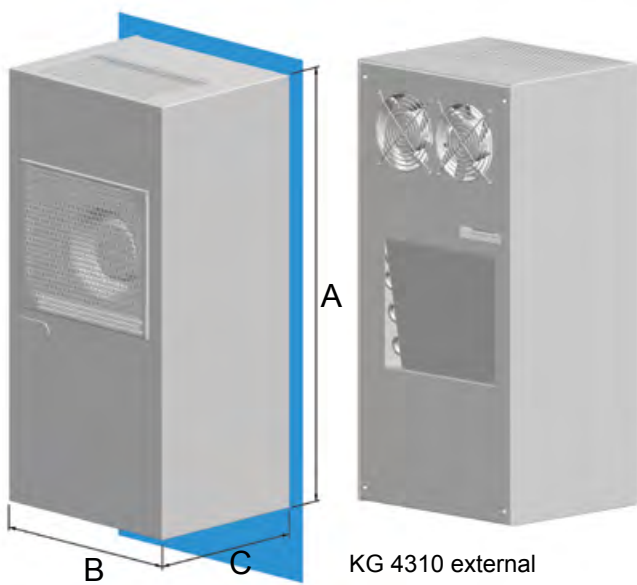
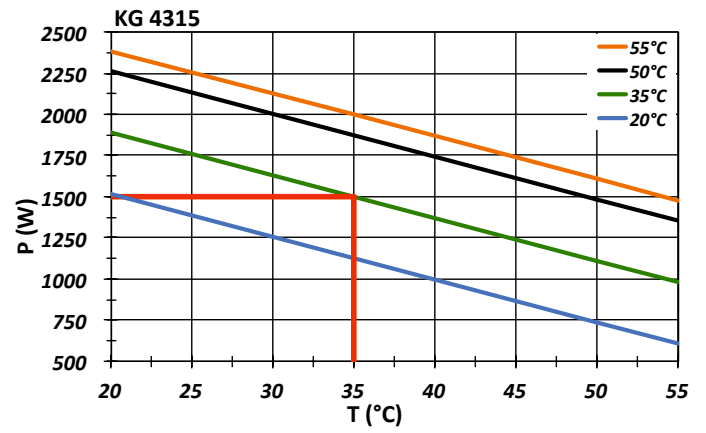
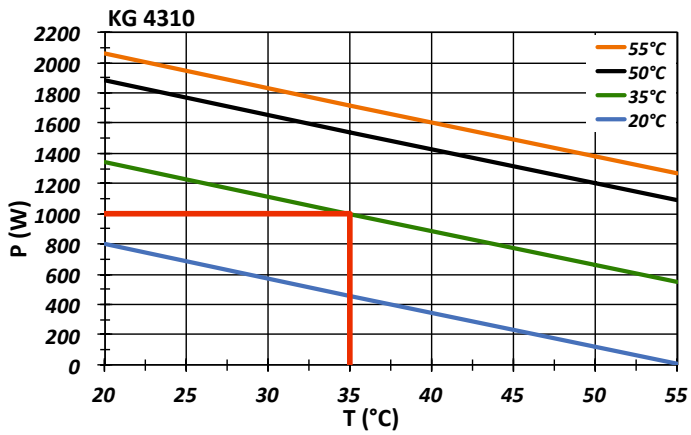
External or recessed mounting

- ✓ Cooling capacities: 1 kW and 1.5 kW
- ✓ Nano-coated hydrophobic condenser
- ✓ Virtually maintenance free
- ✓ Adjustable electronic controller with display
- ✓ Optional condensate evaporator (> 2 kW)
- ✓ Standard recess depth of 90 mm
- ✓ For accessories please refer to page 54
- ✓ Assembly parts, mounting template and condensation kit included



KG 4310, KG 4315						
Type	KG 4310-230V	KG 4310-120V	KG 4310-400V	KG 4315-230V	KG 4315-120V	KG 4315-400V
Order number external	43100001	43101001	43102001	43150001	43151001	43152001
Order number recessed	43100081	43101081	43102081	43150081	43151081	43152081
Order number stainless steel 304 (V2A)	43XXXX2 / 43XXXX26					
Cooling capacity L35L35	1.00 kW @ 50 Hz 1.08 kW @ 60 Hz	1.08 kW @ 60 Hz	1.00 kW @ 50 Hz 1.08 kW @ 60 Hz	1.50 kW @ 50 Hz 1.63 kW @ 60 Hz	1.63 kW @ 60 Hz	1.50 kW @ 50 Hz 1.63 kW @ 60 Hz
Cooling capacity L35L50	660 W @ 50 Hz 720 W @ 60 Hz	720 W @ 60 Hz	660 W @ 50 Hz 720 W @ 60 Hz	1.22 kW @ 50 Hz 1.32 kW @ 60 Hz	1.32 kW @ 60 Hz	1.22 kW @ 50 Hz 1.32 kW @ 60 Hz
Compressor type	Reciprocating compressor					
Operating temperature range	+10°C - +55°C					
Setting range	+20°C - +55°C					
Ambient / cabinet air flow	410 / 300 m³/h			480 / 385 m³/h		
Mounting	external / recessed (90 mm)					
Dimensions A x B x C external	650 x 315 x 260 mm			980 x 395 x 260 mm		
Dimensions A x B x C (D) recessed	715 x 372 x 260 (170) mm			1,045 x 452 x 270 (180) mm		
Housing material / colour	Mild steel, powder coated / RAL 7035					
Weight	30 kg	36 kg		39.7 kg	47.7 kg	
ELECTRICAL DATA						
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 2~	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 2~
Current L35L35	3.2 A	6.7 A	2.0 / 1.8 A	4.6 / 5.1 A	9.6 A	2.9 / 2.5 A
Starting current	15.9 A	30.2 A	5.1 A	21.2 A	39.4 A	5.3 A
Max. current	4.1 A	8.6 A	2.6 / 2.3 A	5.6 A	11.8 A	3.5 / 3.1 A
Nominal power L35L35	550 W @ 50 Hz 640 W @ 60 Hz	700 W		800 W @ 50 Hz 920 W @ 60 Hz	880 W	
Max. power	820 W	900 W		1.17 kW	1.29 kW	
Fuse rating	10 A (T)	16 A (T)	2 x 3.6 A (T)	10 A (T)	16 A (T)	2 x 6 A (T)
Connection	Connection terminal block					
IP protection to IEC 60 529	External circuit: IP 24 / Internal circuit: IP 54					
Certification	CE, RoHS, cURus, Type 12					

Performance graphs



For mounting templates please refer to page 32



KG 4320

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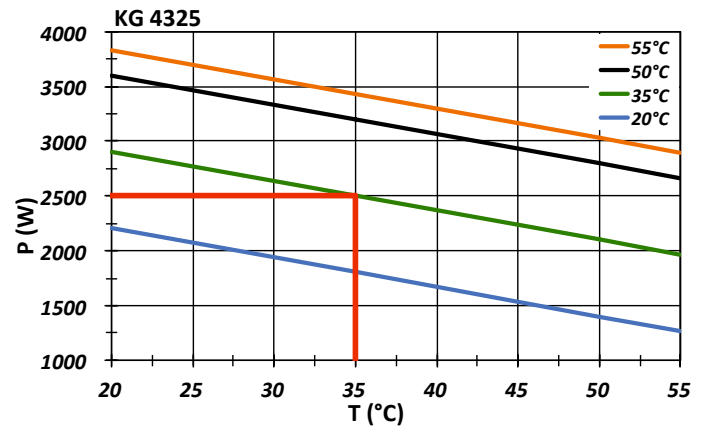
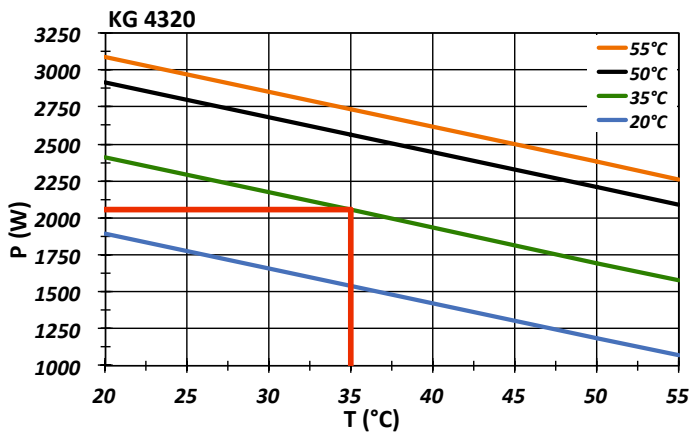
External or recessed mounting

- ✓ Cooling capacities: 2 kW and 2.5 kW
- ✓ Nano-coated hydrophobic condenser
- ✓ Virtually maintenance free
- ✓ Adjustable electronic controller with display
- ✓ Optional condensate evaporator
- ✓ Standard recess depth of 90 mm
- ✓ For accessories please refer to page 54
- ✓ Assembly parts, mounting template and condensation kit included



KG 4320, KG 4325						
Type	KG 4320-230V	KG 4320-120V	KG 4320-400V	KG 4325-230V	KG 4325-120V	KG 4325-400V
Order number external	43200001	43201001	43202001	43250001	43251001	43252001
Order number recessed	43200081	43201081	43202081	43250081	43251081	43252081
Order number stainless steel 304 (V2A)	43XXXX2 / 43XXXX26					
Cooling capacity L35L35	2 kW @ 50/60 Hz	2 kW @ 60 Hz	2 kW @ 50/60 Hz	2.5 kW @ 50/60 Hz	2.5 kW @ 60 Hz	2.5 kW @ 50/60 Hz
Cooling capacity L35L50	1.60 kW @ 50 Hz 1.65 kW @ 60 Hz	1.65 kW @ 60 Hz	1.60 kW @ 50 Hz 1.65 kW @ 60 Hz	1.97 kW @ 50 Hz 2.04 kW @ 60 Hz	2.04 kW @ 60 Hz	1.97 kW @ 50 Hz 2.04 kW @ 60 Hz
Compressor type	Reciprocating compressor					
Operating temperature range	+10°C - +55°C					
Setting range	+20°C - +55°C					
Ambient / cabinet air flow	650 / 470 m³/h			750 / 550 m³/h		
Mounting	external / recessed (90 mm)					
Dimensions A x B x C external	980 x 395 x 260 mm			1,230 x 500 x 340 mm		
Dimensions A x B x C (D) recessed	1,045 x 452 x 270 (180) mm			1,295 x 557 x 340 (250) mm		
Housing material / colour	Mild steel, powder coated, RAL 7035					
Weight	44.2 kg	50 kg	44.2 kg	65 kg	73 kg	
ELECTRICAL DATA						
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 3~	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 2~
Current L35L35	5.5 / 6.5 A	11.2 A	3.1 / 2.7 A	3.9 / 5.3 A	8.7 A	2.9 / 2.6 A
Starting current	22.3 A	40.1 A	5.7 / 6.4 A	23 A	45.1 A	6.1 / 6.8 A
Max. current	9.4 A	18.8 A	3.6 / 3.2 A	6.6 A	13.5 A	3.6 / 3.2 A
Nominal power L35L35	1.17 kW @ 50 Hz 1.41 kW @ 60 Hz	1.28 kW	1.26 kW @ 50 Hz 1.35 kW @ 60 Hz	910 W @ 50 Hz 1.16 kW @ 60 Hz	970 W	940 W @ 50 Hz 1.18 kW @ 60 Hz
Max. power	1.65 kW @ 50 Hz 2.10 kW @ 60 Hz	1.42 W		1.19 kW @ 50 Hz 1.48 kW @ 60 Hz	1.27 kW	1.25 kW @ 50 Hz 1.46 kW @ 60 Hz
Fuse rating	10 A (T)	20 A (T)	3 x 6 A (T)	10 A (T)	16 A (T)	2 x 6 A (T)
Connection	Connection terminal block					
IP protection to IEC 60 529	External circuit: IP 24 / Internal circuit: IP 54					
Certification	CE, RoHS, cURus, Type 12					

Performance graphs



KG 4320 external



recessed



KG 4325 external



recessed

For mounting templates please refer to page 32, 33



KG 4330

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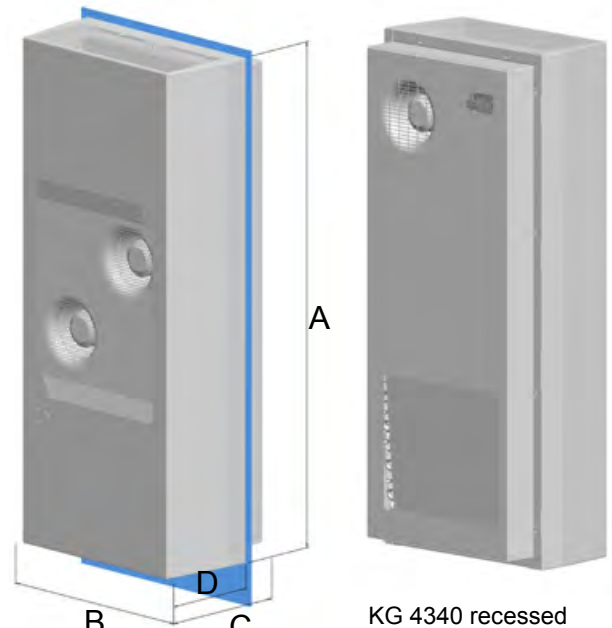
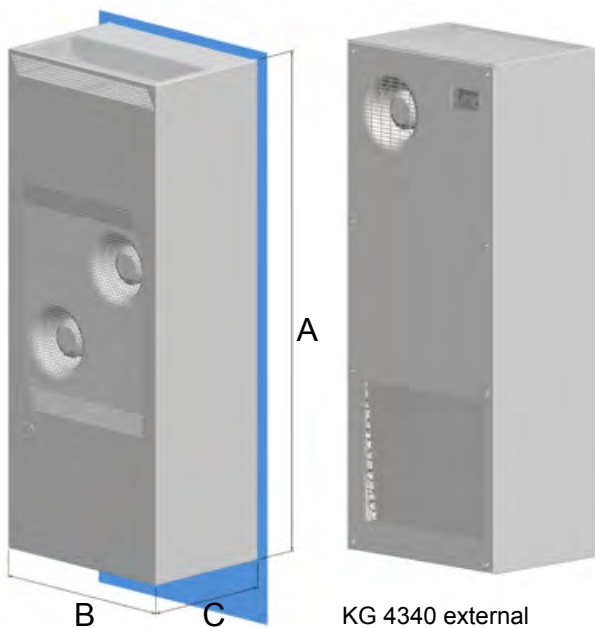
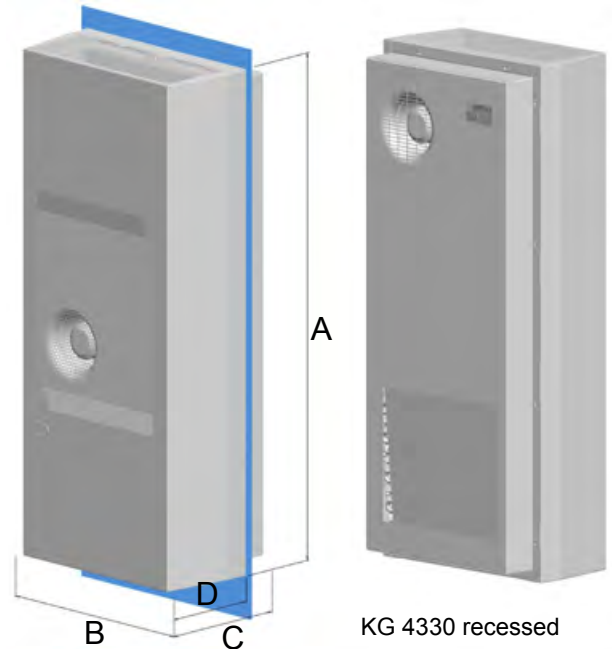
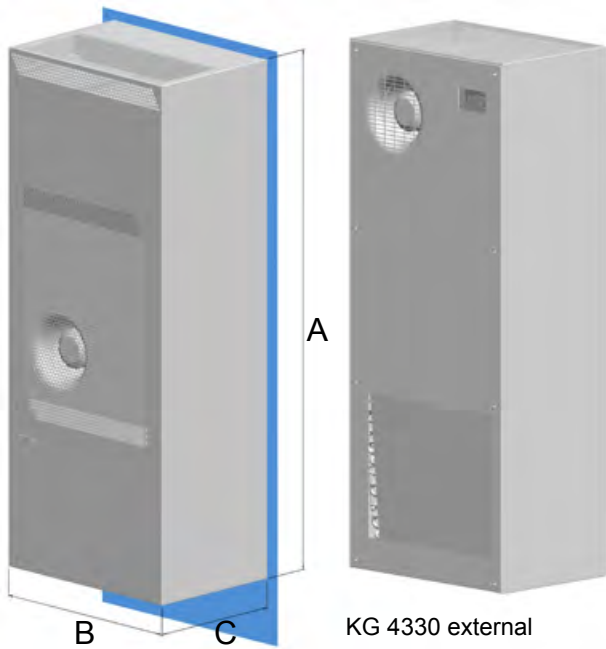
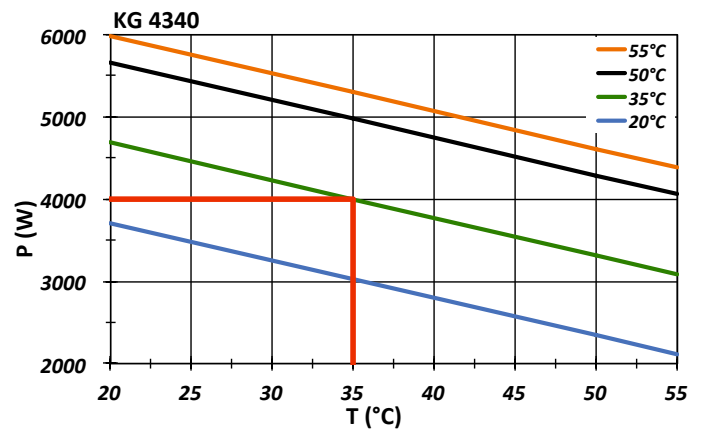
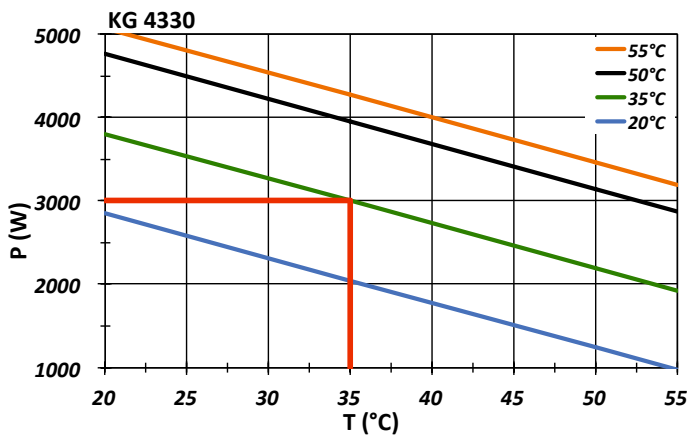
External or recessed mounting

- ✓ Cooling capacities: 3 kW and 4 kW
- ✓ Nano-coated hydrophobic condenser
- ✓ Virtually maintenance free
- ✓ Adjustable electronic controller with display
- ✓ Optional condensate evaporator
- ✓ Standard recess depth of 90 mm
- ✓ For accessories please refer to page 54
- ✓ Assembly parts, mounting template and condensation kit included



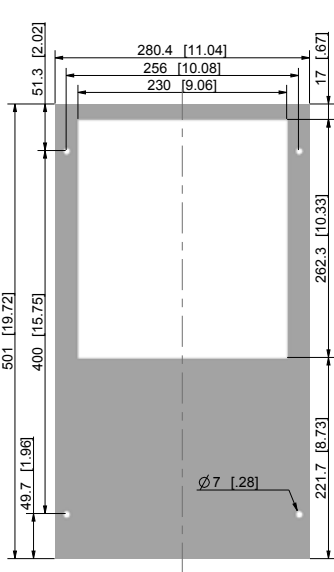
KG 4330, KG 4340					
Type	KG 4330-230V	KG 4330-120V	KG 4330-400V	KG 4340-230V	KG 4340-400V
Order number external	43300001	43301001	43302001	43400001	43402001
Order number recessed	43300081	43301081	43302081	43400081	43402081
Order number stainless steel 304 (V2A)	43XXXX2 / 43XXXX26				
Cooling capacity L35L35	3 kW @ 50/ 60 Hz	3 kW @ 60 Hz	3 kW @ 50/60 Hz	4 kW @ 50/60 Hz	4 kW @ 50/60 Hz
Cooling capacity L35L50	2.38 kW @ 50 Hz 2.51 kW @ 60 Hz	2.42 kW @ 60 Hz	2.38 kW @ 50 Hz 2.51 kW @ 60 Hz	3.18 kW @ 50 Hz 3.36 kW @ 60 Hz	3.18 kW @ 50 Hz 3.36 kW @ 60 Hz
Compressor type	Reciprocating compressor				
Operating temperature range	+10°C - +55°C				
Setting range	+20°C - +55°C				
Ambient / cabinet air flow	750 / 860 m³/h			1,050 / 860 m³/h	
Mounting	external / recessed (90 mm)				
Dimensions A x B x C external	1,230 x 500 x 340 mm				
Dimensions A x B x C (D) recessed	1,295 x 557 x 340 (250) mm				
Housing material / colour	Mild steel, powder coated / RAL 7035				
Weight	67.5 kg	75 kg	72.5 kg	69 kg	72.5 kg
ELECTRICAL DATA					
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 3~	230 V ~ 50/60 Hz	400/460 V ~ 50/60 Hz 3~
Current L35L35	5.6 / 7.6 A	15.3 A	2.1 / 2.3 A	8.9 / 10.2 A	2.9 / 2.7 A
Starting current	25.1 A	49 A	7.6 / 8.1 A	29.6 A	8.2 / 8.5 A
Max. current	9.2 A	18.4 A	3.3 / 3.5 A	14.2 A	4.6 / 4.4 A
Nominal power L35L35	1.33 kW @ 50 Hz 1.69 kW @ 60 Hz	1.37 kW	1.34 kW @ 400 V 1.70 kW @ 460 V	1.88 kW @ 50 Hz 2.31 kW @ 60 Hz	1.91 kW @ 400 V 2.33 kW @ 460 V
Max. power	1.61 kW @ 50 Hz 2.06 kW @ 60 Hz	1.65 kW	1.66 kW @ 400 V 2.10 kW @ 460 V	2.40 kW @ 50 Hz 3.27 kW @ 60 Hz	2.43 kW @ 400 V 3.30 kW @ 460 V
Fuse rating	16 A (T)	20 A (T)	3 x 6 A (T)	20 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, RoHs, cURus, Type 12				

Performance graphs

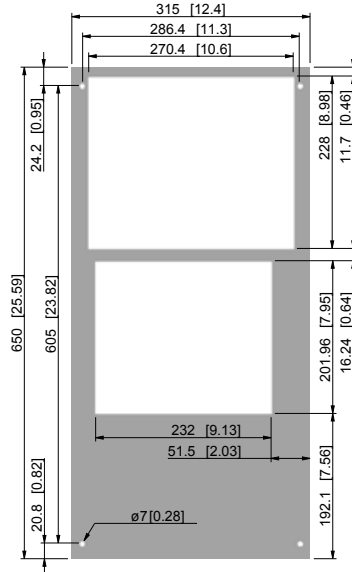


For mounting templates please refer to page 33

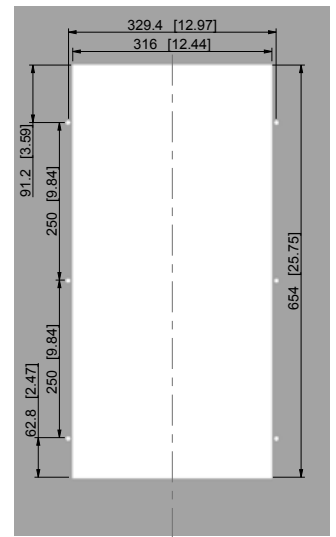
Mounting templates ComPact Line



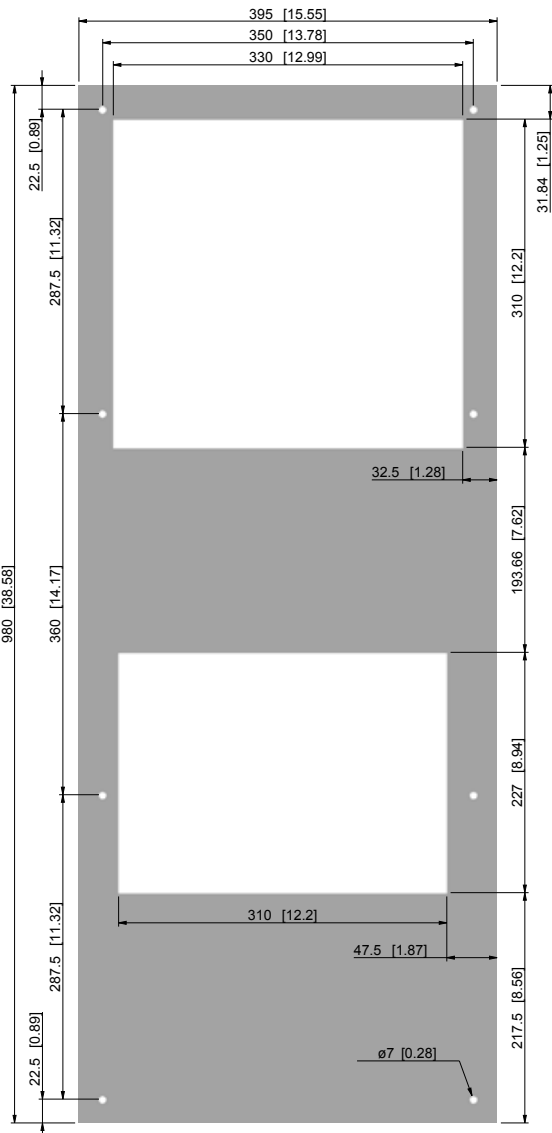
KG 4304 external



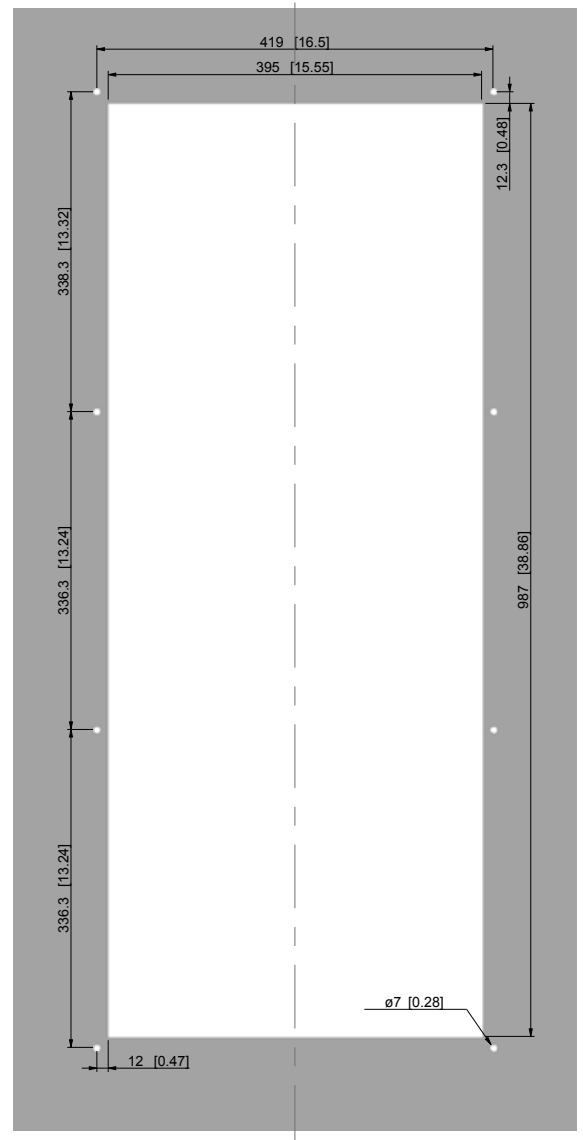
KG 4305 / 08 / 09 / 10 external



KG 4305 / 08 / 09 / 10 recessed

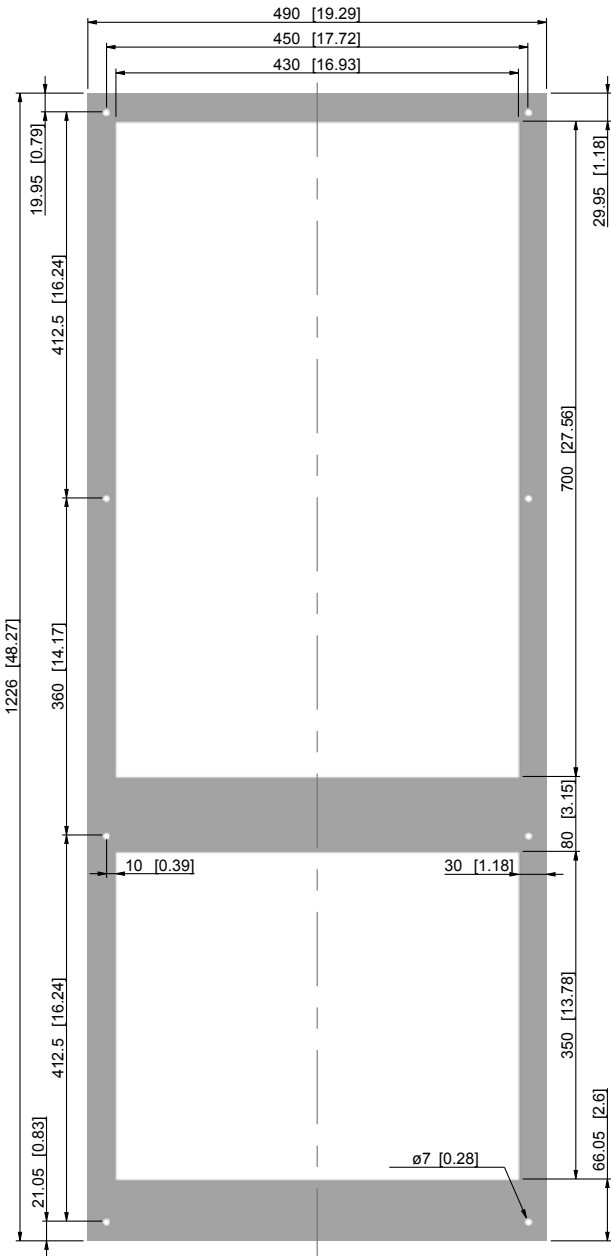


KG 4315 / 20 external

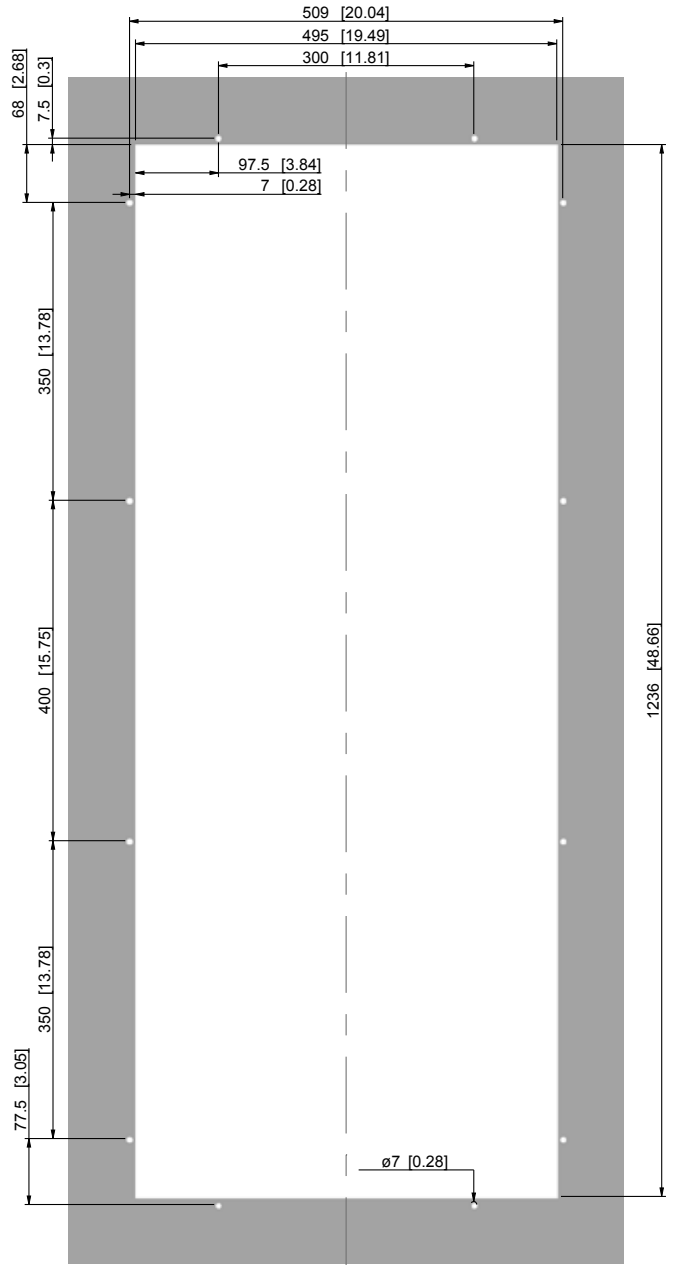


KG 4315 / 20 recessed

Mounting templates ComPact Line



KG 4325 / 30 / 40 external



KG 4325 / 30 / 40 recessed

SoliTherm® Outdoor / Type 4X



OC 5704

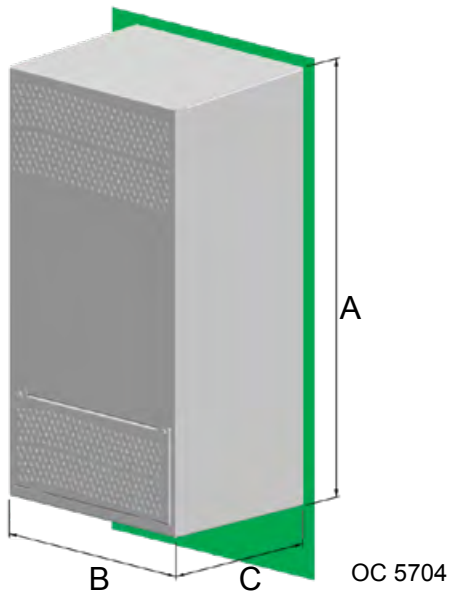
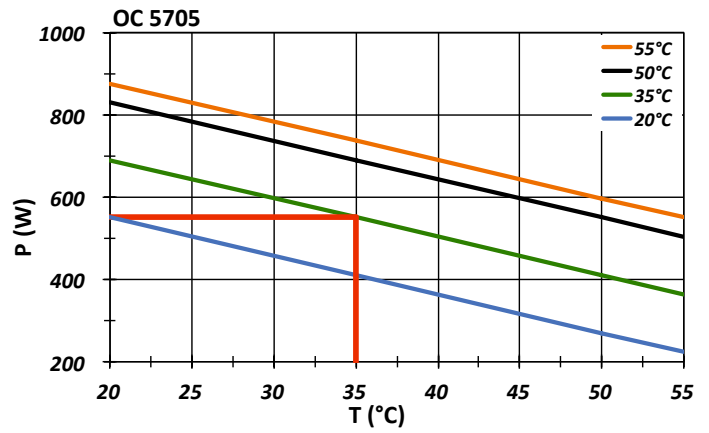
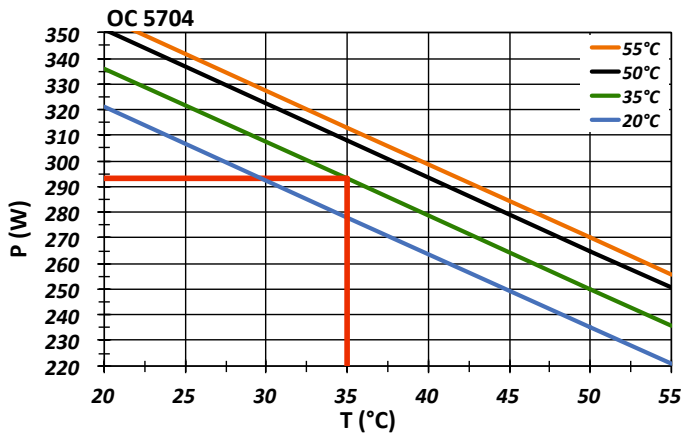
External mounting

- ✓ Cooling capacities: 290 W and 550 W
- ✓ 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
- ✓ Assembly parts, mounting template and condensation kit included

CE RoHS COMPLIANT cUL US
Type 12, 3, 3R, 4, 4X

OC 5704, OC 5705					
Type	OC 5704-230V	OC 5704-120V	OC 5705-230V	OC 5705-120V	OC 5705-400V
Order number	570400001	570410001	570500001	570510001	570520001
Order number with cabinet heater	570401001	570411001	570501001	570511001	570521001
Order number with stainless steel	57XXXX62 for stainless steel 304 (V2A) / 57XXXX64 for stainless steel 316 (V4A)				
Cooling capacity L35L35	290 W @ 50 Hz 300 W @ 60 Hz	300 W @ 60 Hz	550 W @ 50 Hz 620 W @ 60 Hz	550 W @ 60 Hz	550 W @ 50 Hz 620 W @ 60 Hz
Cooling capacity L35L50	250 W @ 50 Hz 250 W @ 60 Hz	250 W @ 60 Hz	410 W @ 50 Hz 440 W @ 60 Hz	550 W @ 60 Hz	410 W @ 50 Hz 440 W @ 60 Hz
Heating capacity (optional)	150 W		400 W		
Compressor type	Reciprocating compressor				
Operating temperature range	-20°C - +55°C				
Setting range	+20°C - +55°C (cooling) / -20°C - +20°C (heating)				
Ambient / cabinet air flow	85 / 85 m³/h		315 / 165 m³/h		
Mounting	external				
Dimensions A x B x C	480 x 250 x 190 mm		830 x 304 x 270 mm		
Housing material / colour	Mild steel, powder coated / RAL 7035				
Weight	15.2 kg	15.4 kg	30 kg	32 kg	
ELECTRICAL DATA					
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 2~
Current L35L35	1.5 A	2.4 A	2.6 A	5.2 A	1.5 A @ 400 V 1.3 A @ 460 V
Starting current	8 A		10 A	20 A	5 A
Max. current	1.62 A	2.9 A	2.8 A	5.6 A	1.6 A @ 400 V 1.4 A @ 460 V
Nominal power L35L35	290 W	270 W	410 W	425 W	410 W @ 50 Hz 440 W @ 60 Hz
Max. power	340 W	330 W	620 W		
Fuse rating	3 A (T)	5 A (T)	4 A (T)	8 A (T)	2 x 3 A (T)
Connection	Connection terminal block				
IP protection to IEC 60 529	IP 56				
Certification	CE, RoHs, cURus, Type 12,3,3R,4, 4X				

Performance graphs



For mounting templates please refer to page 44

SoliTherm® Outdoor / Type 4X



OC 5708

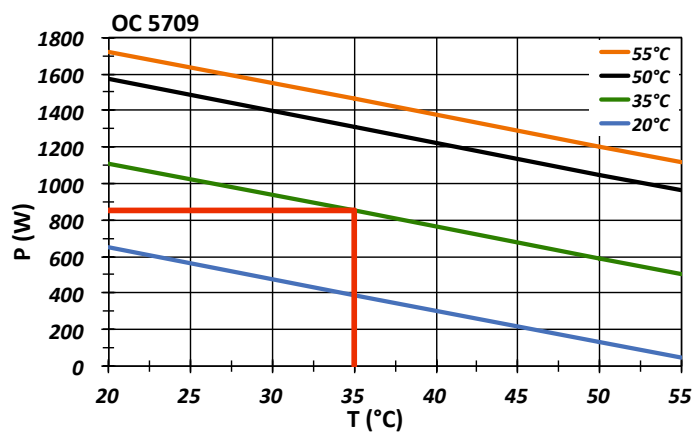
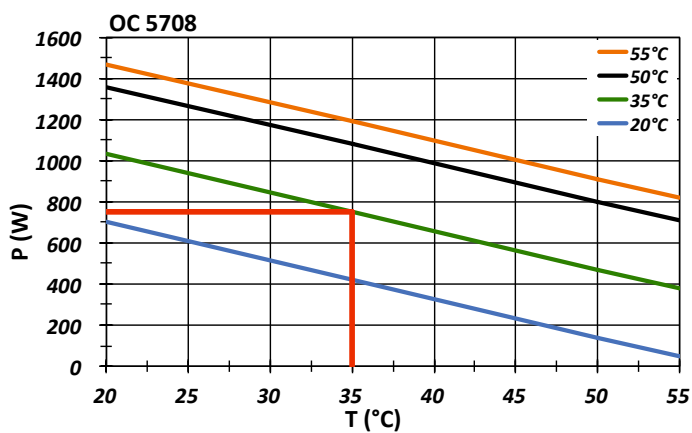
External mounting

- ✓ Cooling capacities: 750 W and 880 W
- ✓ 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
- ✓ Assembly parts, mounting template and condensation kit included

CE RoHS COMPLIANT cRU US
Type 12, 3, 3R, 4, 4X

OC 5708, OC 5709						
Type	OC 5708-230V	OC 5708-120V	OC 5708-400V	OC 5709-230V	OC 5709-120V	OC 5709-400V
Order number	570800001	570810001	570820001	570900001	570910001	570920001
Order number with cabinet heater	570801001	570811001	570821001	570901001	570911001	570921001
Order number with stainless steel	57XXXX62 for stainless steel 304 (V2A) / 57XXXX64 for stainless steel 316 (V4A)					
Cooling capacity L35L35	750 W @ 50 Hz 780 W @ 60 Hz	780 W @ 60 Hz	750 W @ 50 Hz 780 W @ 60 Hz	850 W @ 50 Hz 880 W @ 60 Hz	880 W @ 60 Hz	850 W @ 50 Hz 880 W @ 60 Hz
Cooling capacity L35L50	470 W @ 50 Hz 510 W @ 60 Hz	510 W @ 60 Hz	470 W @ 50 Hz 510 W @ 60 Hz	610 W @ 50 Hz 660 W @ 60 Hz	660 W @ 60 Hz	610 W @ 50 Hz 660 W @ 60 Hz
Heating capacity (optional)	400 W					
Compressor type	Reciprocating compressor					
Operating temperature range	-20°C - +55°C					
Setting range	+20°C - +55°C (cooling) / -20°C - +20°C (heating)					
Ambient / cabinet air flow	315 / 165 m³/h					
Mounting	external					
Dimensions A x B x C	830 x 304 x 270 mm					
Housing material / colour	Mild steel, powder coated / RAL 7035					
Weight	30 kg	32 kg	35 kg	32 kg	37 kg	
ELECTRICAL DATA						
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 2~	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 2~
Current L35L35	3.7 A	7.4 A	2.2 A @ 400 V 1.9 A @ 460 V	3.0 A @ 50 Hz 3.2 A @ 60 Hz	6.4 A	2.0 A @ 400 V 1.8 A @ 460 V
Starting current	10 A	20 A	6 A @ 400 V 5 A @ 460 V	15 A	30 A	5.1 A
Max. current	3.7 A	7.4 A	2.4 A @ 400 V 2.1 A @ 460 V	3.8 A	8.2 A	2.6 A @ 400 V 2.3 A @ 460 V
Nominal power L35L35	470 W		530 W @ 50 Hz 610 W @ 60 Hz		640 W	620 W @ 50 Hz 630 W @ 60 Hz
Max. power	580 W		870 W			
Fuse rating	5 A (T)	16 A (T)	2 x 3 A (T)	6 A (T)	16 A (T)	2 x 3 A (T)
Connection	Connection terminal block					
IP protection to IEC 60 529	IP 56					
Certification	CE, RoHs, cURus, Type 12,3,3R,4, 4X					

Performance graphs



OC 5708 / 09



rear view

SoliTherm® Outdoor / Type 4X



OC 5710

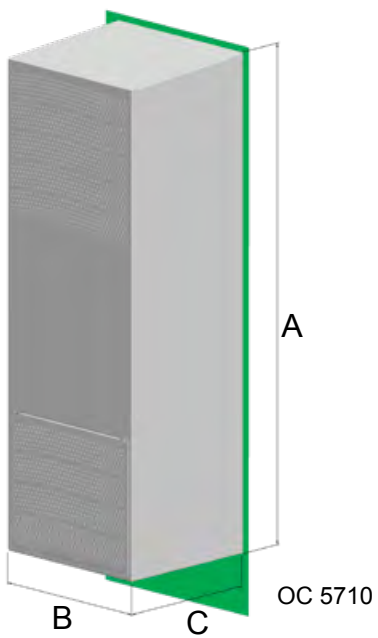
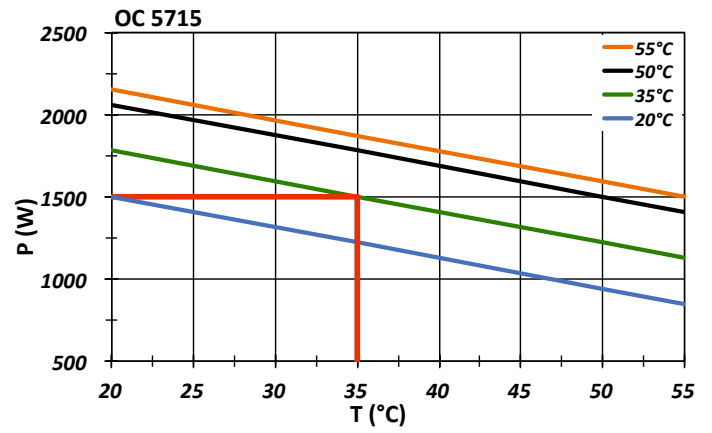
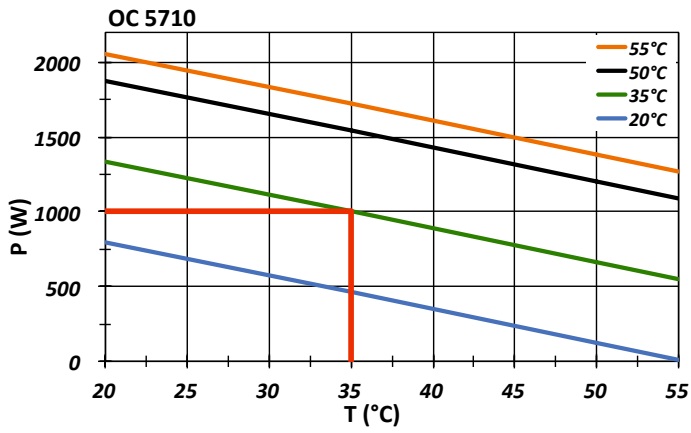
External mounting

- ✓ Cooling capacities: 1 kW and 1.5 kW
- ✓ 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
- ✓ Assembly parts, mounting template and condensation kit included

CE RoHS COMPLIANT cRU US
Type 12, 3, 3R, 4, 4X

OC 5710, OC 5715						
Type	OC 5710-230V	OC 5710-120V	OC 5710-400V	OC 5715-230V	OC 5715-120V	OC 5715-400V
Order number	571000001	571010001	571020001	571500001	571510001	571520001
Order number with cabinet heater	571001001	571011001	571021001	571501001	571511001	571521001
Order number with stainless steel	57XXXX62 for stainless steel 304 (V2A) / 57XXXX64 for stainless steel 316 (V4A)					
Cooling capacity L35L35	1.00 kW @ 50 Hz 1.08 kW @ 60 Hz	1.08 kW @ 60 Hz	1.00 kW @ 50 Hz 1.08 kW @ 60 Hz	1.50 kW @ 50 Hz 1.63 kW @ 60 Hz	1.63 kW @ 60 Hz	1.50 kW @ 50 Hz 1.63 kW @ 60 Hz
Cooling capacity L35L50	660 W @ 50 Hz 720 W @ 60 Hz	720 W @ 60 Hz	660 W @ 50 Hz 720 W @ 60 Hz	1.22 kW @ 50 Hz 1.32 kW @ 60 Hz	1.32 kW @ 60 Hz	1.22 kW @ 50 Hz 1.32 kW @ 60 Hz
Heating capacity (optional)	400 W			1,000 W		
Compressor type	Reciprocating compressor					
Operating temperature range	-20°C - +55°C					
Setting range	+20°C - +55°C (cooling) / -20°C - +20°C (heating)					
Ambient / cabinet air flow	320 / 375 m³/h			655 / 400 m³/h		
Mounting	external					
Dimensions A x B x C	900 x 304 x 270 mm			1150 x 395 x 270 mm		
Housing material / colour	Mild steel, powder coated / RAL 7035					
Weight	38 kg	40 kg	39.5 kg	48 kg	49.5 kg	50 kg
ELECTRICAL DATA						
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 2~	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 2~
Current L35L35	3.2 A	6.7 A	2.0 A @ 400 V 1.8 A @ 460 V	4.6 A @ 50 Hz 5.1 A @ 60 Hz	9.6 A	2.9 A @ 400 V 2.5 A @ 460 V
Starting current	15 A	30 A	7.5 A	16 A	32 A	8 A
Max. current	4.7 A	9.4 A	2.6 A @ 400 V 2.3 A @ 460 V	6.4 A	12.8 A	3.5 A @ 400 V 3.1 A @ 460 V
Nominal power L35L35	550 W @ 50 Hz 640 W @ 60 Hz	700 W	600 W @ 50 Hz 700 W @ 60 Hz	800 W @ 50 Hz 920 W @ 60 Hz	880 W	880 W @ 50 Hz 1 kW @ 60 Hz
Max. power	700 W			965 W		
Fuse rating	6 A (T)	16 A (T)	2 x 6 A (T)	9 A (T)	16 A (T)	2 x 3 A (T)
Connection	Connection terminal block					
IP protection to IEC 60 529	IP 56					
Certification	CE, RoHs, cURus, Type 12,3,3R,4, 4X					

Performance graphs



For mounting templates please refer to page 44, 45

SoliTherm® Outdoor / Type 4X



OC 5720

External mounting

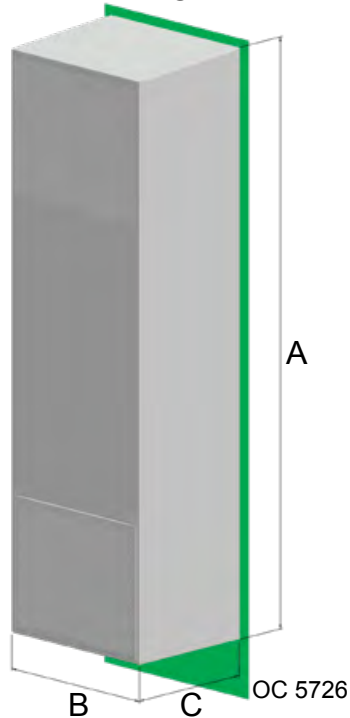
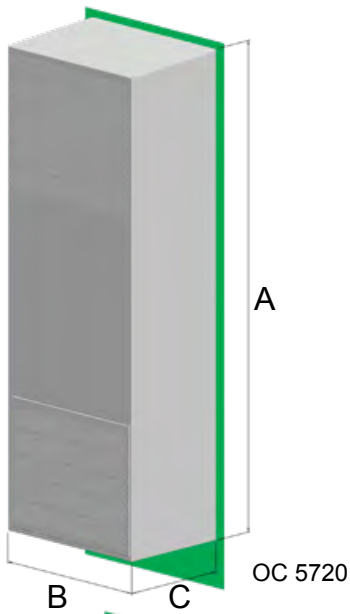
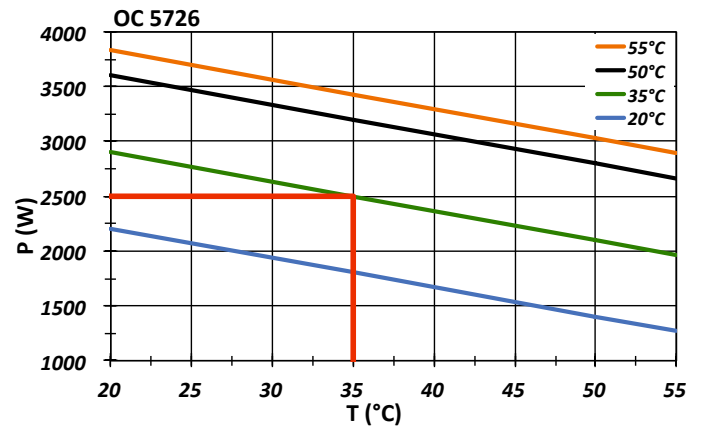
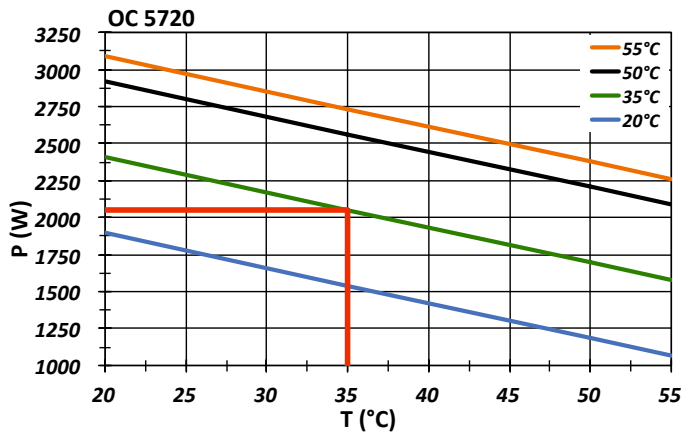
- ✓ Cooling capacities: 2 kW and 2.5 kW
- ✓ Suitable for most Outdoor applications without filter
- ✓ Stainless steel models comply to NEMA Type 4X
- ✓ Adjustable electronic controller with display (rear)
- ✓ All models fitted with condensate evaporation
- ✓ Virtually maintenance free
- ✓ Assembly parts, mounting template and condensation kit included



Type 12, 3, 3R, 4, 4X

OC 5720, OC 5726						
Type	OC 5720-230V	OC 5720-120V	OC 5720-400V	OC 5726-230V	OC 5726-120V	OC 5726-400V
Order number	572000001	572010001	572020001	572600001	572610001	572620001
Order number with cabinet heater	572001001	572011001	572021001	572601001	572611001	572621001
Order number with stainless steel	57XXXX62 for stainless steel 304 (V2A) / 57XXXX64 for stainless steel 316 (V4A)					
Cooling capacity L35L35	2 kW @ 50/60 Hz	2 kW @ 60 Hz	2 kW @ 50/60 Hz	2.5 kW @ 50/60 Hz	2.5 kW @ 60 Hz	2.5 kW @ 50/60 Hz
Cooling capacity L35L50	1.60 kW @ 50 Hz 1.65 kW @ 60 Hz	1.60 kW @ 60 Hz	1.60 kW @ 50 Hz 1.65 kW @ 60 Hz	1.97 kW @ 50 Hz 2.04 kW @ 60 Hz	1.97 kW @ 60 Hz	1.97 kW @ 50 Hz 2.04 kW @ 60 Hz
Heating capacity (optional)	1,000 W			1,500 W		
Compressor type	Reciprocating compressor					
Operating temperature range	-20°C - +55°C					
Setting range	+20°C - +55°C (cooling) / -20°C - +20°C (heating)					
Ambient / cabinet air flow	655 / 400 m³/h			765 / 950 m³/h		
Mounting	external					
Dimensions A x B x C	1150 x 395 x 270 mm			1550 x 457 x 355 mm		
Housing material / colour	Mild steel, powder coated / RAL 7035					
Weight	48 kg	51 kg	49 kg	78 kg	78 kg	80 kg
ELECTRICAL DATA						
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 3~	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 2~
Current L35L35	5.5 A @ 50 Hz 6.5 A @ 60 Hz	11.2 A	3.1 A @ 400 V 2.7 A @ 460 V	4.4 A @ 50 Hz 5.3 A @ 60 Hz	8.7 A	2.9 A @ 400 V 2.6 A @ 460 V
Starting current	16 A	60 A	5.7 A @ 400 V 6.4 A @ 460 V	22.5 A	45 A	6.1 A @ 400 V 6.8 A @ 460 V
Max. current	7.9 A	15.8 A	3.6 A @ 400 V 3.2 A @ 460 V	8.4 A	16.8 A	3.6 A @ 400 V 3.2 A @ 460 V
Nominal power L35L35	1.17 kW @ 50 Hz 1.41 kW @ 60 Hz	1.28 kW	1.26 kW @ 50 Hz 1.35 kW @ 60 Hz	1.03 kW @ 50 Hz 1.16 kW @ 60 Hz	970 W	940 W @ 50 Hz 1.18 kW @ 60 Hz
Max. power	1.65 kW @ 50 Hz 2.10 kW @ 60 Hz	1.75 kW	1.75 kW	1.30 kW @ 50 Hz 1.64 kW @ 60 Hz	1.62 kW	1.30 kW @ 50 Hz 1.64 kW @ 60 Hz
Fuse rating	13 A (T)	20 A (T)	3 x 6 A (T)	16 A (T)	20 A (T)	2 x 9 A (T)
Connection	Connection terminal block					
IP protection to IEC 60 529	IP 56					
Certification	CE, RoHs, cURus, Type 12,3,3R,4, 4X					

Performance graphs



For mounting templates please refer to page 45

SoliTherm® Outdoor / Type 4X



OC 5731

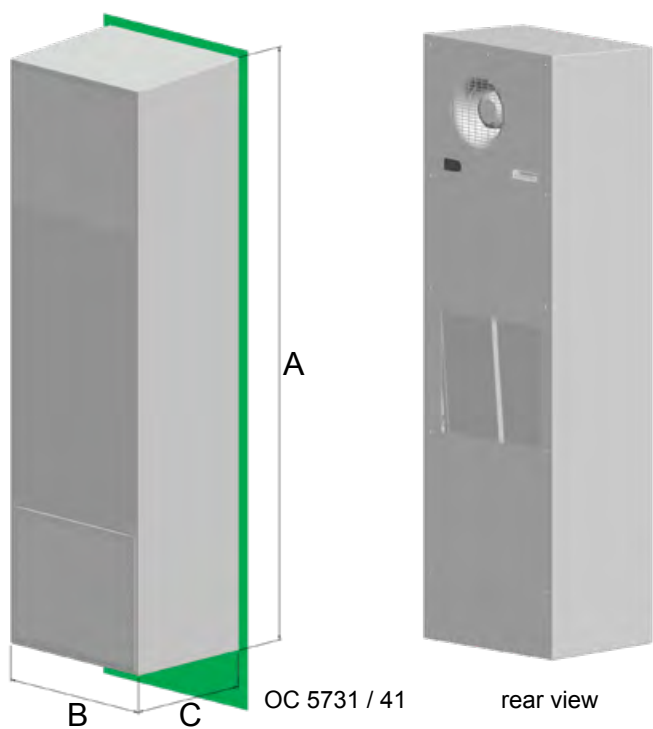
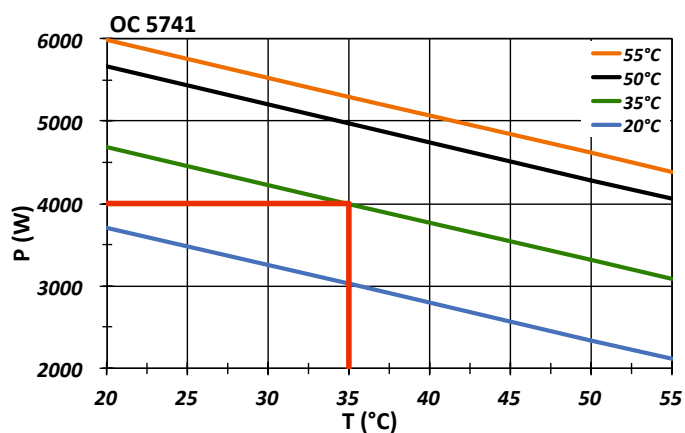
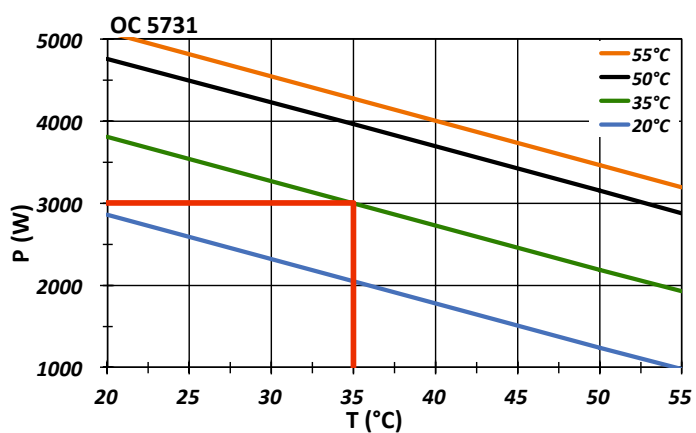
External mounting

- ✓ Cooling capacities: 3 kW and 4 kW
- ✓ 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
- ✓ Assembly parts, mounting template and condensation kit included

CE RoHS COMPLIANT cUL US
Type 12, 3, 3R, 4, 4X

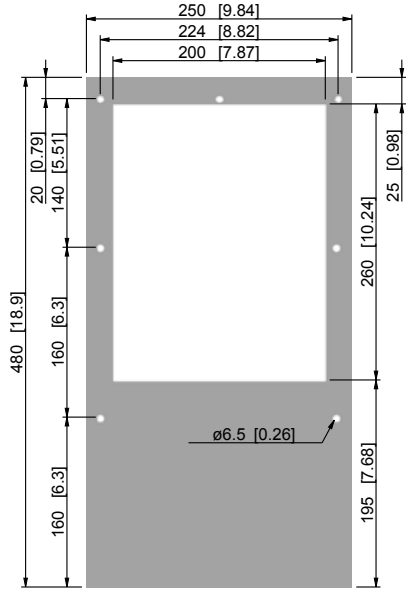
OC 5731, OC 5741					
Type	OC 5731-230V	OC 5731-120V	OC 5731-400V	OC 5741-230V	OC 5741-400V
Order number	573100001	573110001	573120001	574100001	574120001
Order number with cabinet heater	573101001	573111001	573121001	574101001	574121001
Order number with stainless steel	57XXXX62 for stainless steel 304 (V2A) / 57XXXX64 for stainless steel 316 (V4A)				
Cooling capacity L35L35	3 kW @ 50/60 Hz	3 kW @ 60 Hz	3 kW @ 50/60 Hz	4 kW @ 50/60 Hz	4 kW @ 50/60 Hz
Cooling capacity L35L50	2.38 kW @ 50 Hz 2.51 kW @ 60 Hz	2.42 kW @ 60 Hz	2.38 kW @ 50 Hz 2.51 kW @ 60 Hz	3.18 kW @ 50 Hz 3.36 kW @ 60 Hz	
Heating capacity (optional)	1,500 W			2,000 W	
Compressor type	Reciprocating compressor				
Operating temperature range	-20°C - +55°C				
Setting range	+20°C - +55°C (cooling) / -20°C - +20°C (heating)				
Ambient / cabinet air flow	765 / 950 m³/h			990 / 950 m³/h	
Mounting	external				
Dimensions A x B x C	1550 x 457 x 355 mm				
Housing material / colour	Mild steel, powder coated / RAL 7035				
Weight	75.3 kg	78 kg	77.2 kg	75.3 kg	72 kg
ELECTRICAL DATA					
Voltage / Frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400/460 V ~ 50/60 Hz 3~	230 V ~ 50/60 Hz	400/460 V ~ 50/60 Hz 3~
Current L35L35	5.8 A @ 50 Hz 7.4 A @ 60 Hz	15.3 A	2.1 A @ 400 V 2.3 A @ 460 V	8.9 A @ 50 Hz 10.2 A @ 60 Hz	2.9 A @ 400 V 2.7 A @ 460 V
Starting current	30 A	49 A	7.6 A @ 400 V 8.1 A @ 460 V	50 A	8.2 A @ 400 V 8.5 A @ 460 V
Max. current	9.9 A	18.4 A	3.3 A @ 400 V 3.5 A @ 460 V	8.3 A	4.6 A @ 400 V 4.4 A @ 460 V
Nominal power L35L35	1.32 kW @ 50 Hz 1.67 kW @ 60 Hz	1.37 kW	1.34 kW @ 50 Hz 1.70 kW @ 60 Hz	1.88 kW @ 50 Hz 2.31 kW @ 60 Hz	1.91 kW @ 50 Hz 2.33 kW @ 60 Hz
Max. power	1.65 kW @ 50 Hz 2.20 kW @ 60 Hz	1.65 kW	1.66 kW @ 50 Hz 2.10 kW @ 60 Hz	2.40 kW @ 50 Hz 3.27 kW @ 60 Hz	2.43 kW @ 50 Hz 3.30 kW @ 60 Hz
Fuse rating	16 A (T)	20 A (T)	3 x 6 A (T)	16 A (T)	3 x 6 A (T)
Connection	Connection terminal block				
IP protection to IEC 60 529	IP 56				
Certification	CE, RoHs, cURus, Type 12,3,3R,4, 4X				

Performance graphs

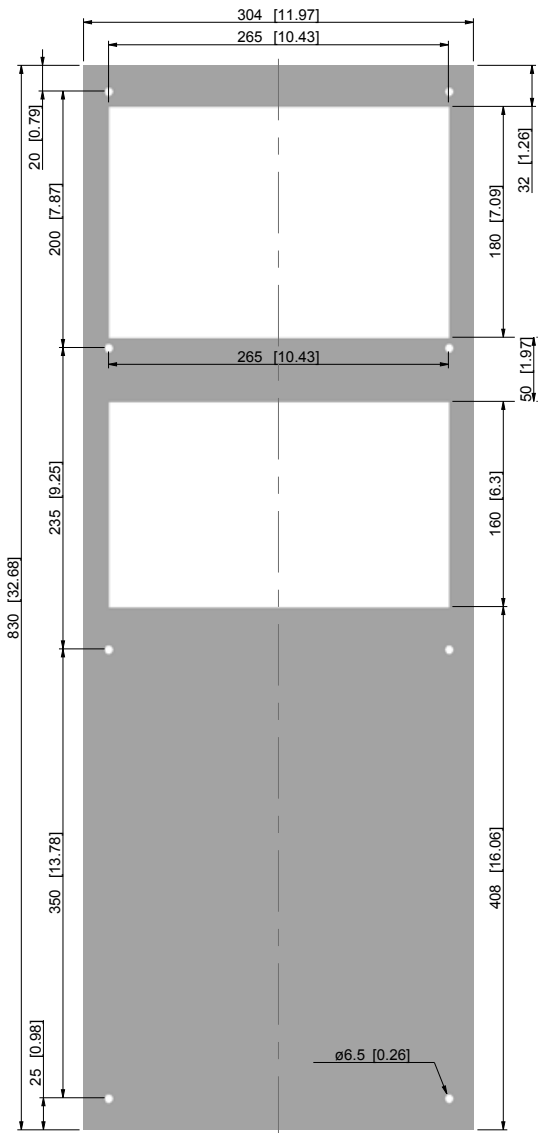


For mounting templates please refer to page 45

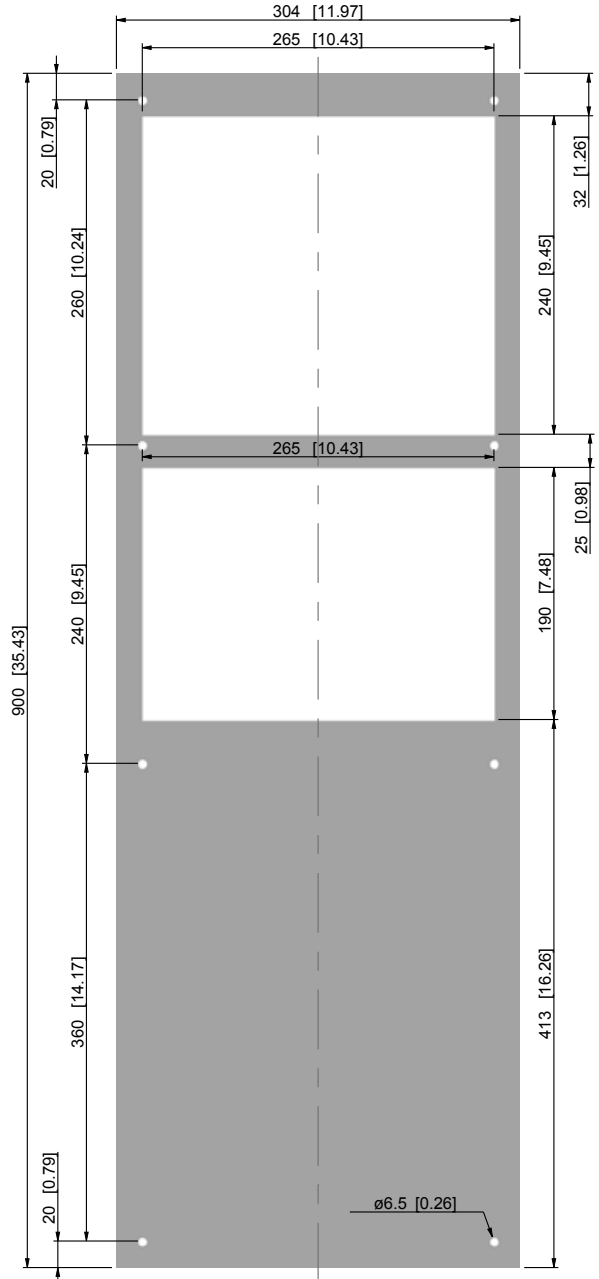
Mounting templates Outdoor units



OC 5704



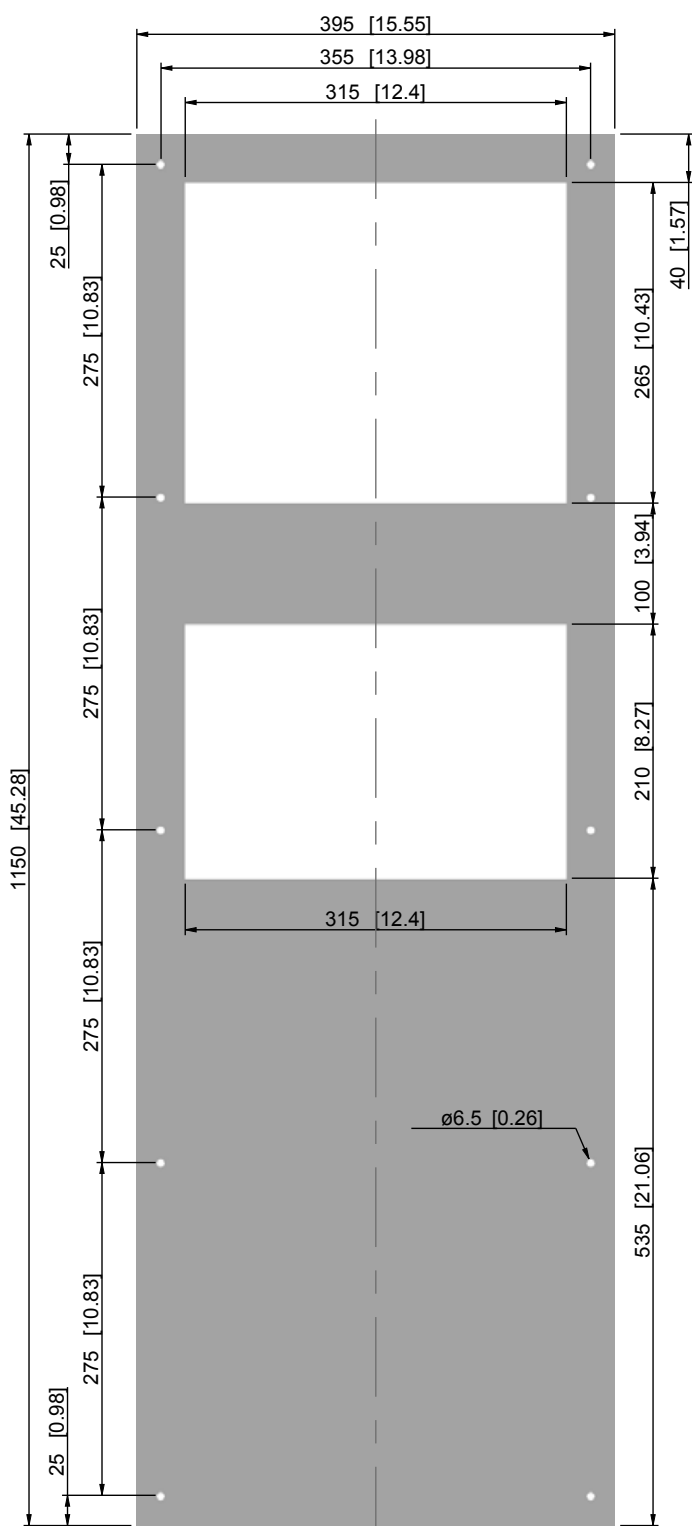
OC 5705 / 08 / 09



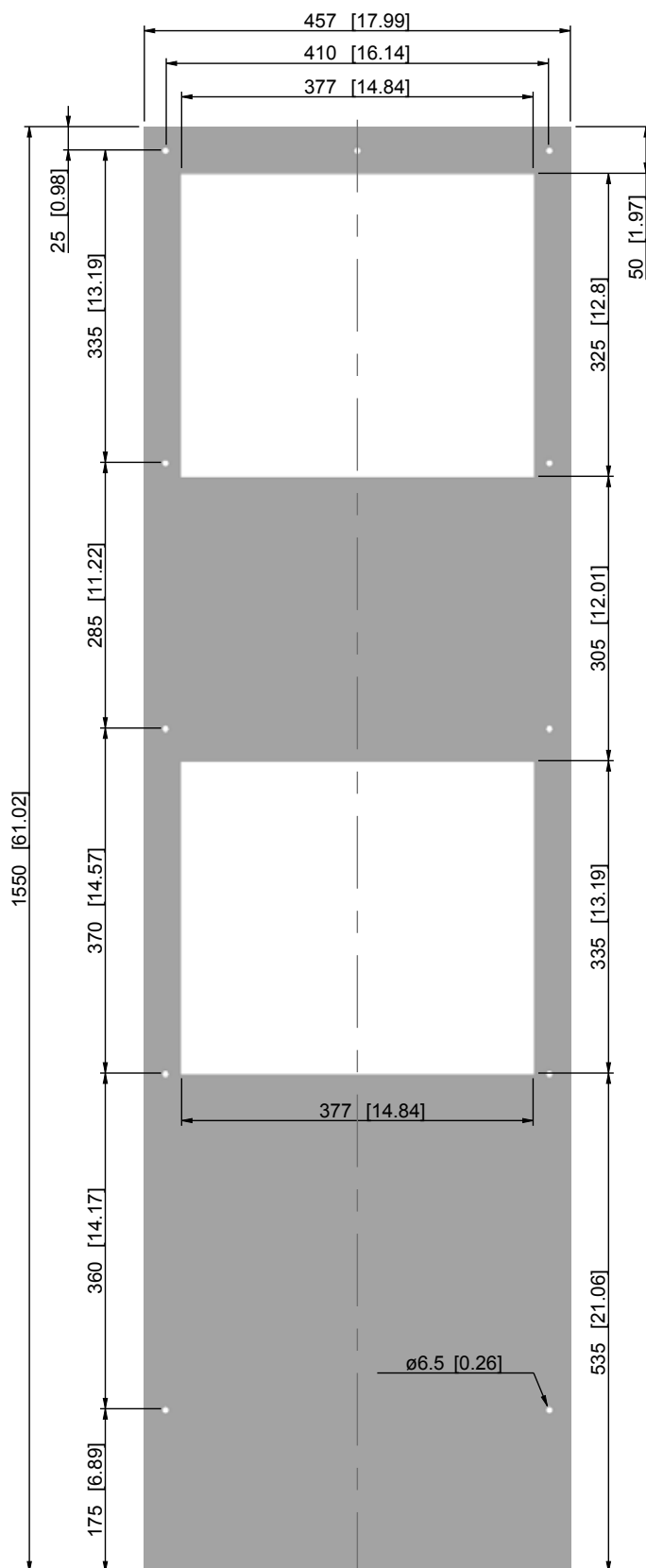
OC 5710



Mounting templates Outdoor units



OC 5715 / 20



OC 5726 / 31 / 41



SoliTherm® Peltier

Efficient enclosure cooling with Peltier technology

External or recessed mounting



TG 3030

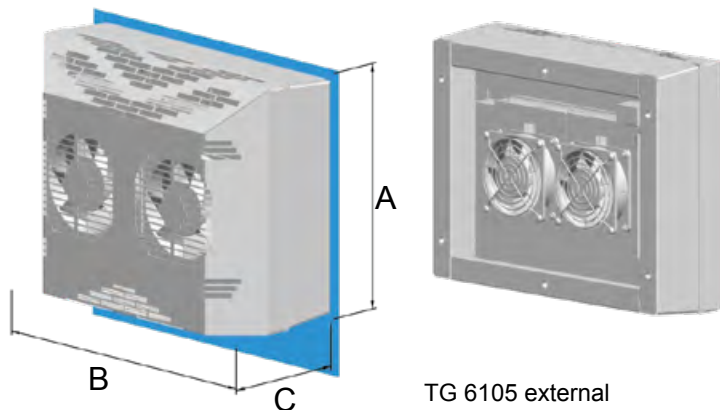
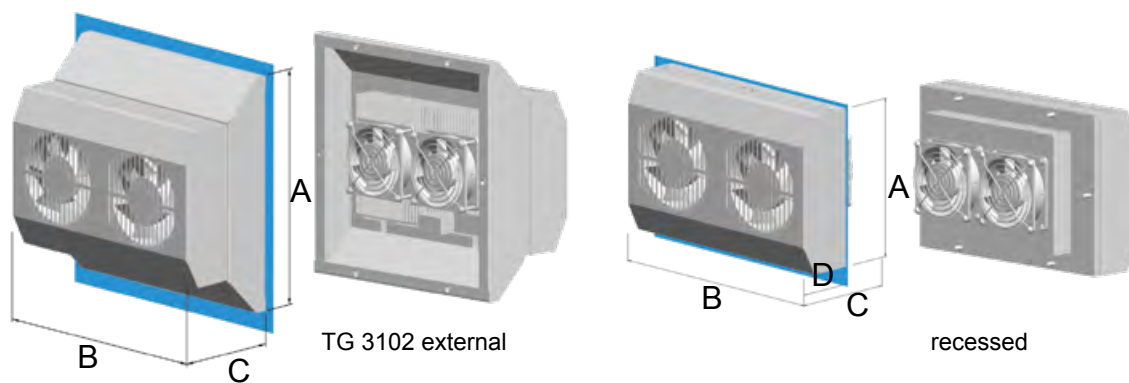
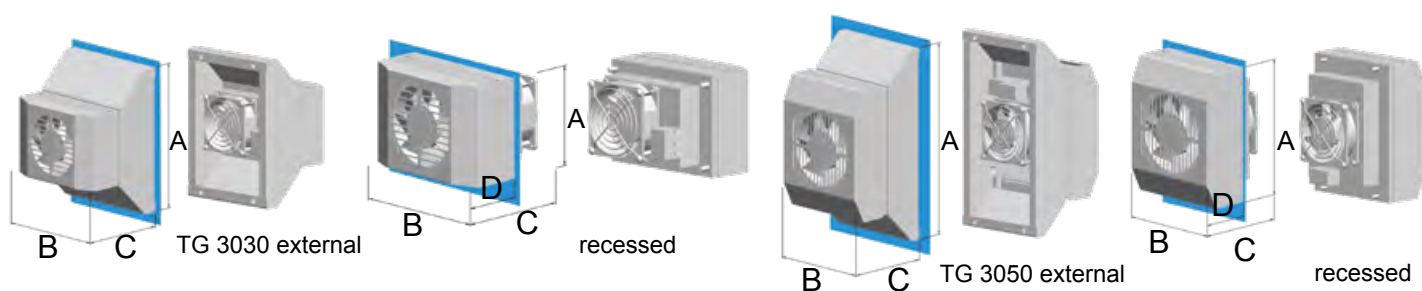
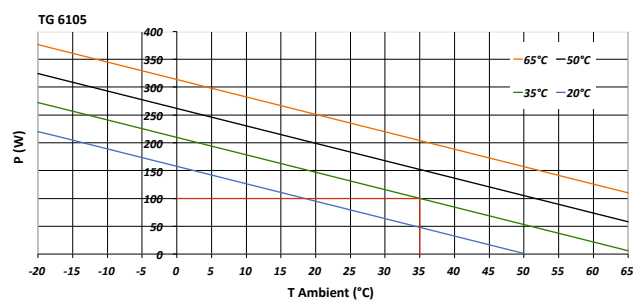
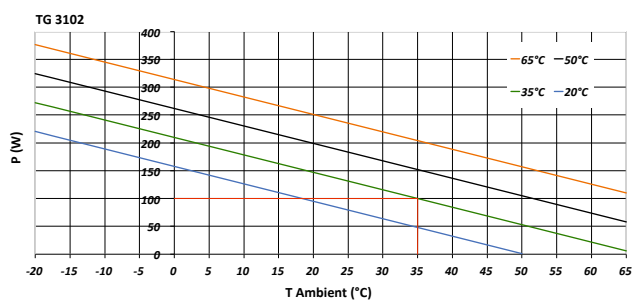
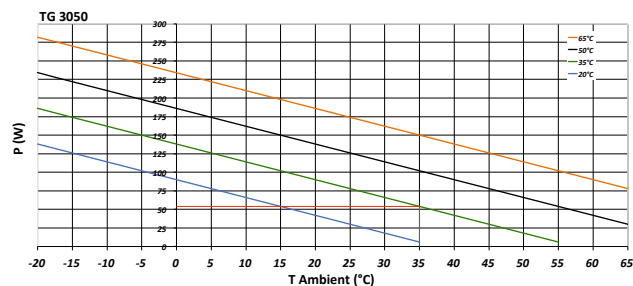
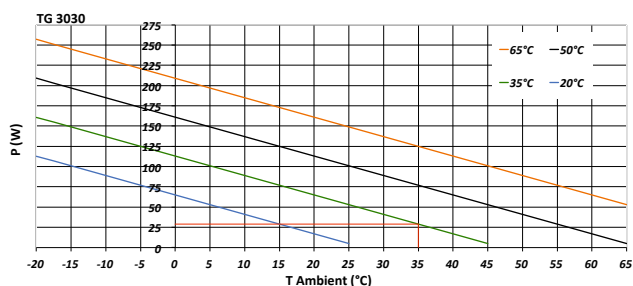
- ✓ Cooling capacities: 30 W, 50 W and 100 W
- ✓ AC and DC models available
- ✓ Suitable for Indoor and Outdoor applications
- ✓ Can be mounted in any position ¹⁾
- ✓ NEMA 4X rated
- ✓ Ingress protection rating of IP 66
- ✓ Virtually maintenance free
- ✓ For accessories please refer to page 54



TG 3030, TG 3050, TG 3102, TG 6105					
Type	TG 3030	TG 3050	TG 3102	TG 6105	
Order number recessed	3030303	3050303	3102303	6105303	
Order number with frame	3030305	3050305	3102305	6105305	
Cooling capacity L35L35	30 W	50 W	100 W		
Operating temperature range	-20°C - +65°C				
Setting range	n. a.			+20°C - +50°C (cooling)	
Ambient / cabinet air flow	39 / 20 m³/h	64 / 23 m³/h	128 / 46 m³/h		
Mounting	recessed / external (with frame)				
Dimensions A x B x C (D) recessed	110 x 154 x 128 (65) mm	206 x 154 x 135 (75) mm	200 x 304 x 138 (73.9) mm	280 X 350 x 140 (85.5) mm	
Dimensions A x B x C with frame	212 x 158 x 131 mm	302 x 158 x 137 mm	302 x 306 x 140 mm	280 x 350 x 148 mm	
Housing material	Stainless steel 304 (V2A)				
Weight (recessed / with frame)	1.8 / 2.6 kg	3.3 kg / 3.9 kg	5.9 kg / 7.4 kg	9.4 kg / 11 kg	
ELECTRICAL DATA					
Voltage / Frequency	12 V DC	24 V DC	24 V DC	120 - 230 V AC ~ 50/60 Hz	
Current L35L35	2.8 A	2.4 A	4.8 A	1.1 A @ 120 V	0.5 A @ 230 V
Starting current	4.3 A	3.7 A	7.4 A	1.6 A @ 120 V	0.8 A @ 230 V
Max. current	2.9 A	2.5 A	4.9 A	1.1 A @ 120 V	0.6 A @ 230 V
Nominal power L35L35	34 W	57.6 W	115 W	126 W	
Max. power	35 W	60 W	118 W	131 W	
Fuse rating	5 A (T)	4 A (T)	8 A (T)	2 A (T)	1 A (T)
Connection	Connection terminal block				
Ingress IP protection	IP 66				
Certification	CE, RoHS	CE, RoHS, cURus		CE, RoHS	

¹⁾ Depending on the mounting situation the condensation management may need to be considered and possibly adjusted.

Performance graphs



For mounting templates please refer to page 52

SoliTherm® Peltier

Efficient enclosure cooling with Peltier technology



TG 3152

External or recessed mounting

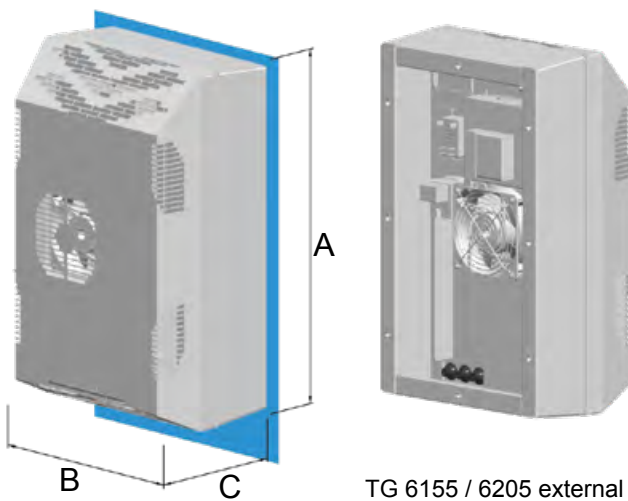
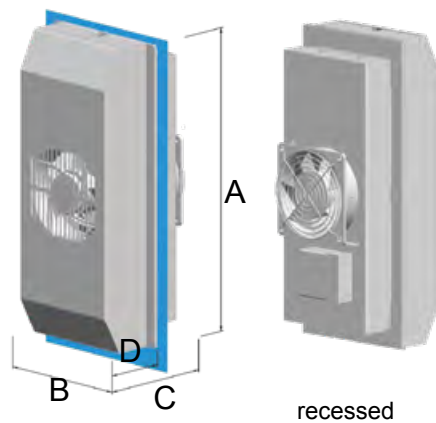
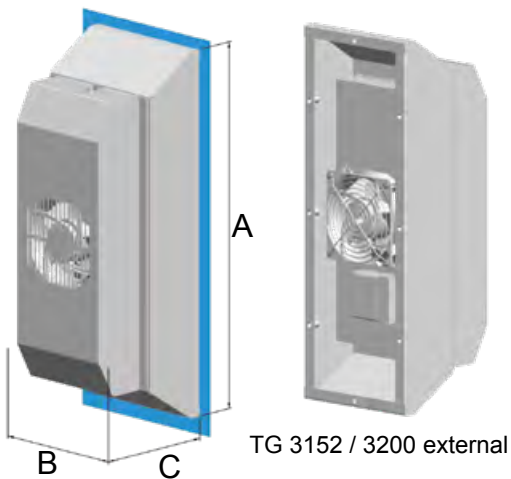
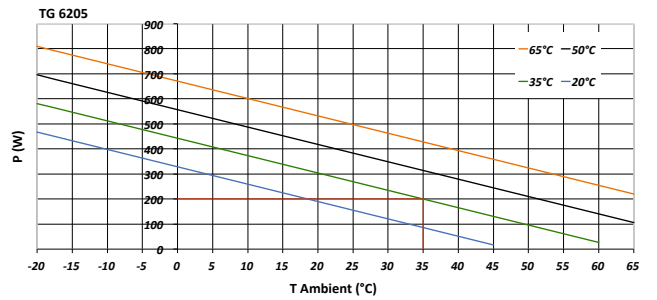
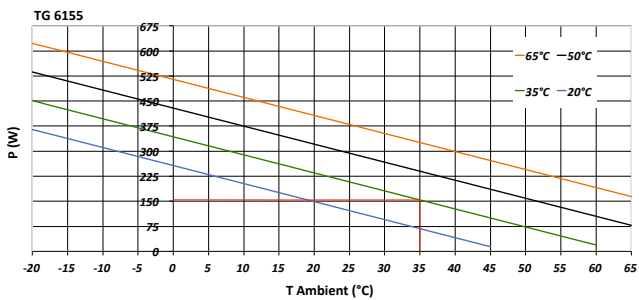
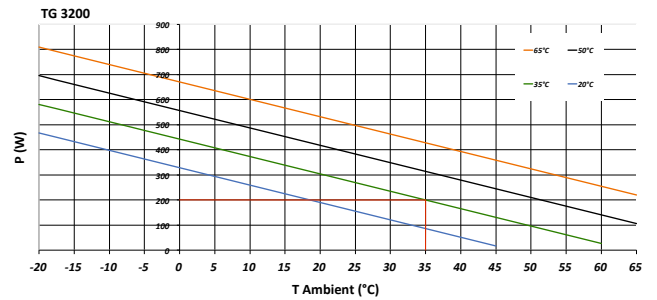
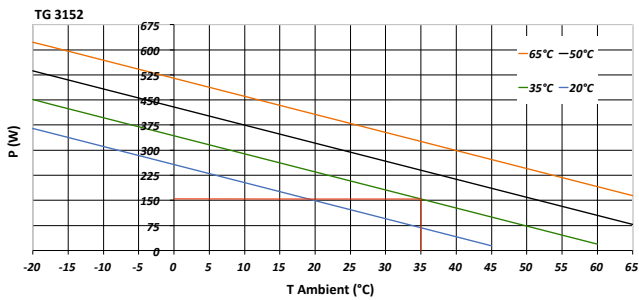
- ✓ Cooling capacities: 150 W, 200 W and 250 W
- ✓ AC and DC models available
- ✓ Suitable for Indoor and Outdoor applications
- ✓ Can be mounted in any position ¹⁾
- ✓ NEMA 4X rated
- ✓ Ingress protection rating of IP 66
- ✓ Virtually maintenance free
- ✓ For accessories please refer to page 54



TG 3152, TG 3200, TG 6155, TG 6205							
Type	TG 3152	TG 3200	TG 3200	TG 6155	TG 6205		
Order number recessed	3152303	3200303	3200308	6155303	6205303		
Order number with frame	3152305	3200305	3200310	6155305	6205305		
Cooling capacity L35L35	150 W	200 W	250 W	150 W	200 W		
Operating temperature range	-20°C - +65°C						
Setting range	n. a.			+20°C - +50°C (cooling)			
Ambient / cabinet air flow	120 / 60 m³/h	120 / 120 m³/h		120 / 60 m³/h	120 / 120 m³/h		
Mounting	recessed / external (with frame)						
Dimensions A x B x C (D) recessed	400 x 180 x 171 (81) mm			500 x 300 x 194 (107.5) mm			
Dimensions A x B x C with frame	500 x 188 x 174 mm			500 x 300 x 200 mm			
Housing material	Stainless steel 304 (V2A)						
Weight (recessed / with frame)	9 kg / 12.7 kg	10 kg / 13.7 kg	10 kg / 13.7 kg	16.2 / 19 kg	17.2 / 20 kg		
ELECTRICAL DATA							
Voltage / Frequency	24 V DC	24 V DC	48 V DC	120 - 230 V AC ~ 50/60 Hz			
Current L35L35	7 A	10.8 A	8.5 A	1.4 A @ 120 V	0.7 A @ 230 V	1.9 A @ 120 V	1.0 A @ 230 V
Starting current	11 A	17 A	14 A	2.1 A @ 120 V	1.1 A @ 230 V	2.9 A @ 120 V	1.5 A @ 230 V
Max. current	7.5 A	11.6 A	9.3 A	1.5 A @ 120 V	0.8 A @ 230 V	2.0 A @ 120 V	1.0 A @ 230 V
Nominal power L35L35	170 W	260 W	400 W	170 W		230 W	
Max. power	180 W	280 W	440 W	180 W		240 W	
Fuse rating	10 A (T)	16 A (T)	13 A (T)	3 A (T)	2 A (T)	3 A (T)	2 A (T)
Connection	Connection terminal block						
Ingress IP protection	IP 66						
Certification	CE, RoHS, cURus			CE, RoHS			

¹⁾ Depending on the mounting situation the condensation management may need to be considered and possibly adjusted.

Performance graphs



For mounting templates please refer to page 52, 53

SoliTherm® Peltier

Efficient enclosure cooling with Peltier technology



KG 6405

External or recessed mounting

- ✓ Cooling capacities: 250 W, 400 W and 800 W
- ✓ AC and DC models available
- ✓ Suitable for Indoor and Outdoor applications
- ✓ Can be mounted in any position ¹⁾
- ✓ NEMA 4X rated
- ✓ Ingress protection rating of IP 66
- ✓ Virtually maintenance free
- ✓ For accessories please refer to page 54

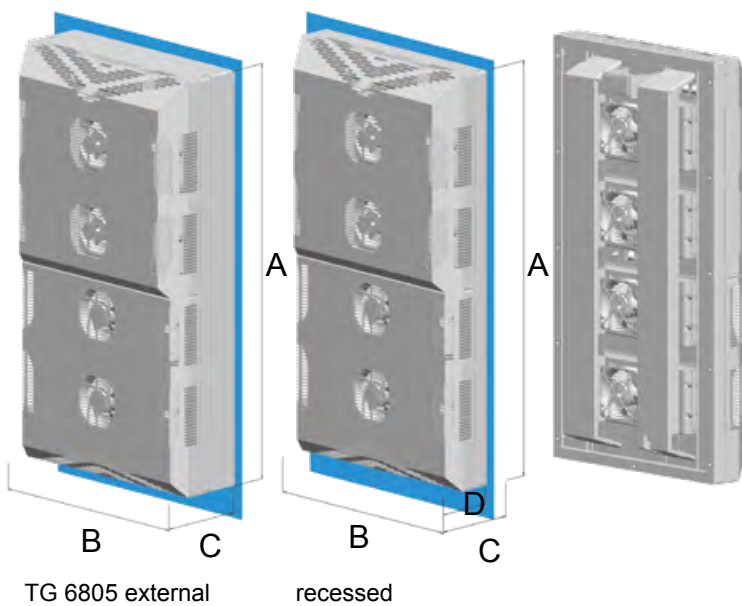
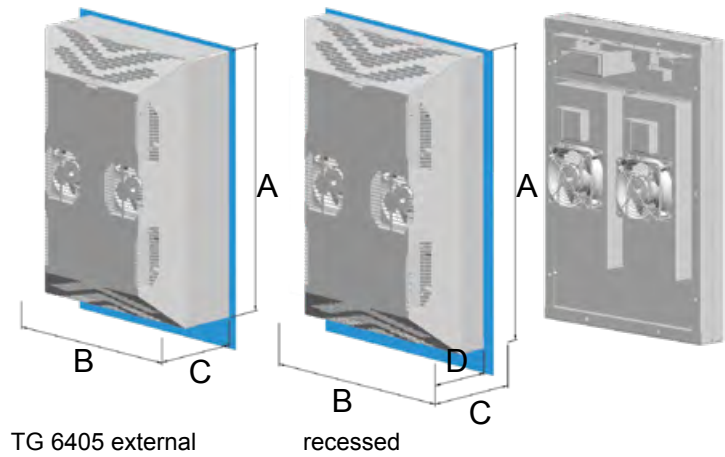
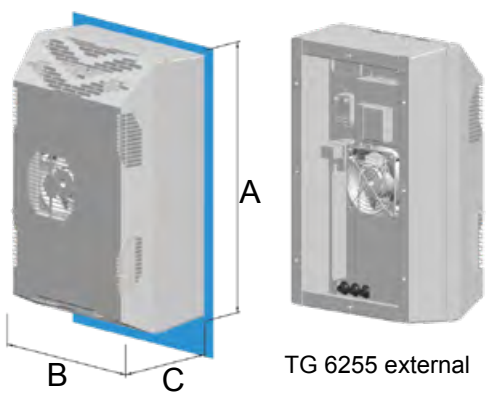
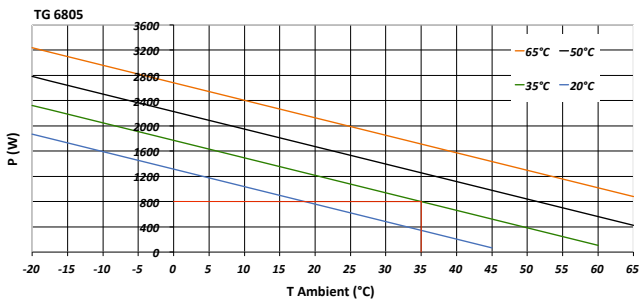
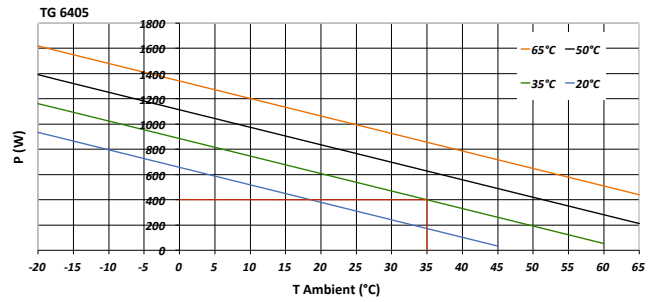
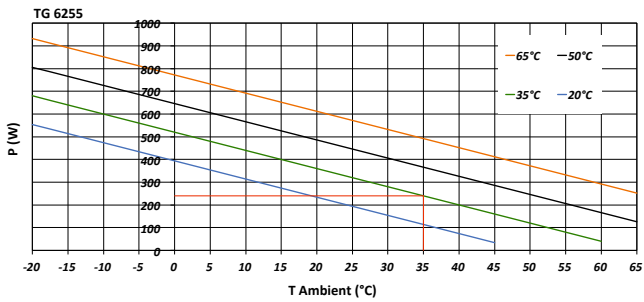
CE **RoHS**
COMPLIANT
NEMA 4X

TG 6255, TG 6405, TG 6805

Type	TG 6255		TG 6405		TG 6805	
Order number recessed	6255303		6405303		6805303	
Order number with frame	6255305		6405305		6805305	
Cooling capacity L35L35	250 W		400 W		800 W	
Operating temperature range	-20°C - +65°C					
Setting range	+20°C - +50°C (cooling)					
Ambient / cabinet air flow	120 / 120 m³/h		240 / 240 m³/h		480 / 480 m³/h	
Mounting	recessed / external (with frame)					
Dimensions A x B x C (D) recessed	500 x 300 x 194 (107.5) mm		600 x 432 x 202 (138) mm		972 x 514 x 200 (138) mm	
Dimensions A x B x C with frame	500 x 300 x 200 mm		600 x 432 x 208 mm		972 x 514 x 208 mm	
Housing material	Stainless steel 304 (V2A)					
Weight (recessed / with frame)	17.2 / 20 kg		34 / 37 kg		66 / 70 kg	
ELECTRICAL DATA						
Voltage / Frequency	120 - 230 V AC ~ 50/60 Hz					
Current L35L35	3.4 A @ 120 V	1.8 A @ 230 V	3.9 A @ 120 V	2.0 A @ 230 V	7.7 A @ 120 V	4.0 A @ 230 V
Starting current	5.2 A @ 120 V	2.7 A @ 230 V	5.8 A @ 120 V	3.0 A @ 230 V	11.6 A @ 120 V	6.0 A @ 230 V
Max. current	3.6 A @ 120 V	1.9 A @ 230 V	4.0 A @ 120 V	2.1 A @ 230 V	8.0 A @ 120 V	4.2 A @ 230 V
Nominal power L35L35	410 W		460 W		930 W	
Max. power	430 W		480 W		960 W	
Fuse rating	6 A (T)	3 A (T)	6 A (T)	4 A (T)	12 A (T)	7 A (T)
Connection	Connection terminal block					
IP protection to IEC 60 529	IP 66					
Certification	CE, RoHS					

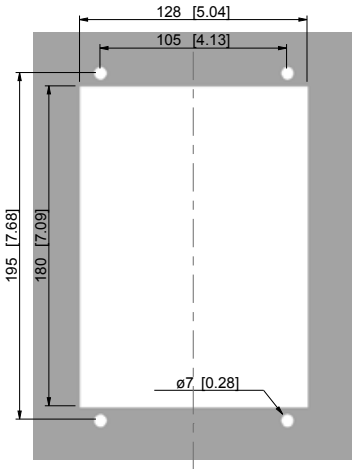
¹⁾ Depending on the mounting situation the condensation management may need to be considered and possibly adjusted.

Performance graphs

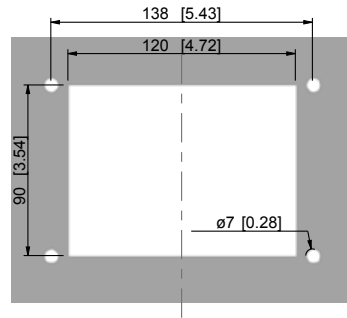


For mounting templates please refer to page 53

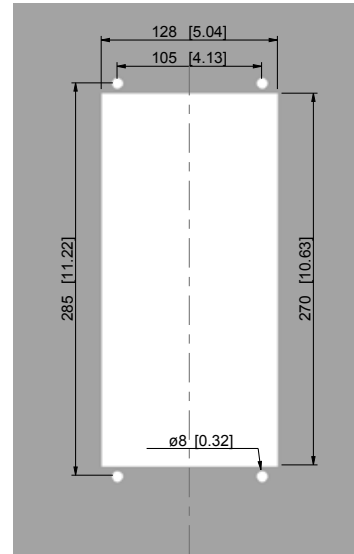
Mounting templates Peltier units



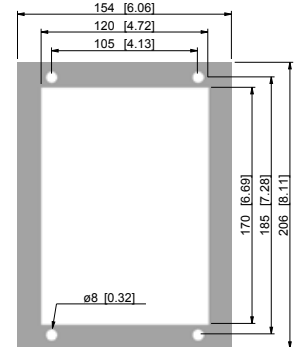
TG 3030 external



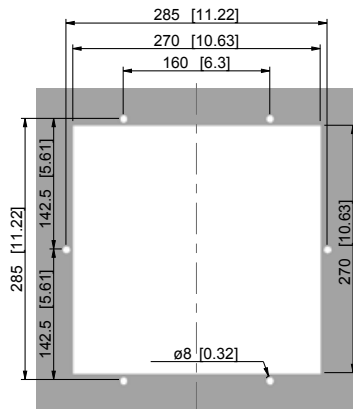
TG 3030 recessed



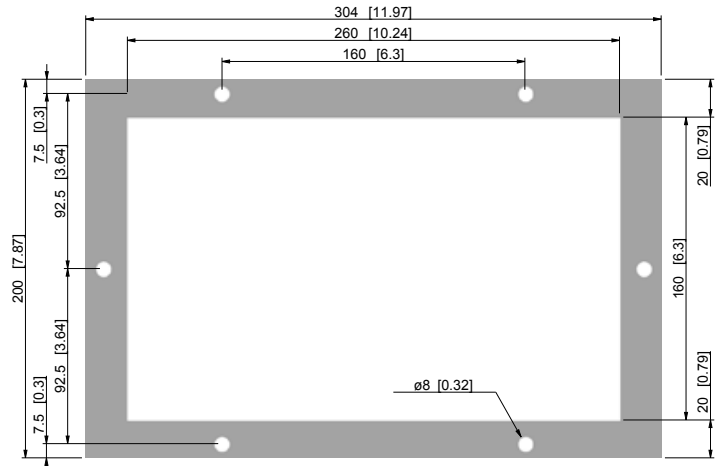
TG 3050 external



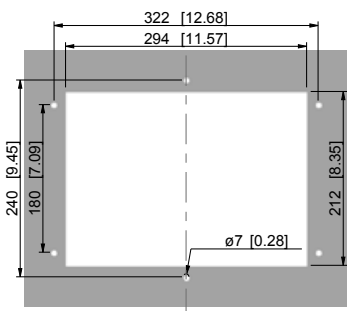
TG 3050 recessed



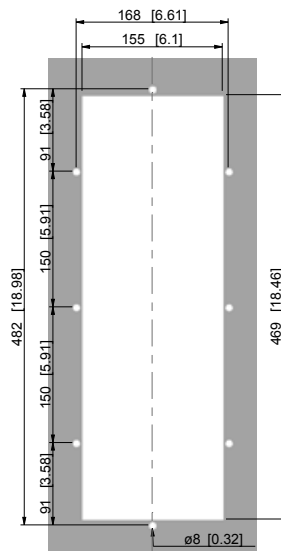
TG 3102 external



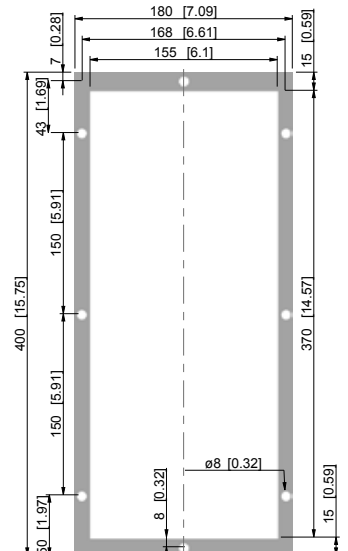
TG 3102 recessed



TG 6105 external



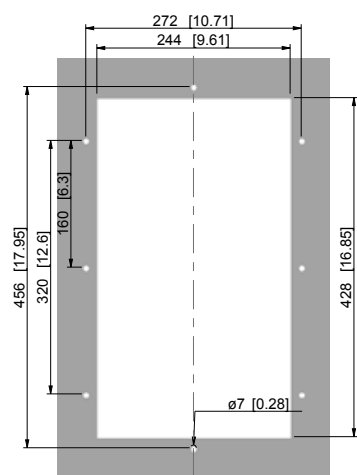
TG 3152 / 3200 external



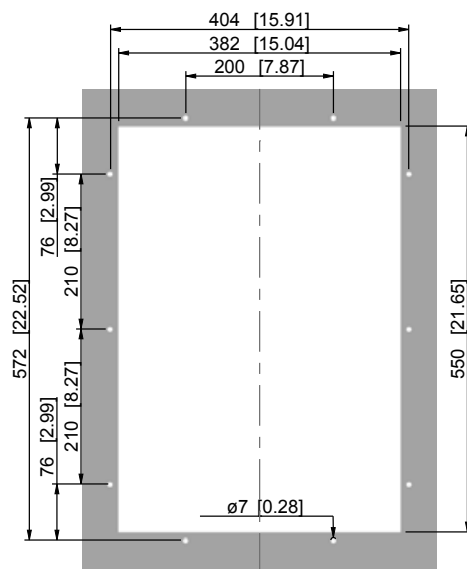
TG 3152 / 3200 recessed



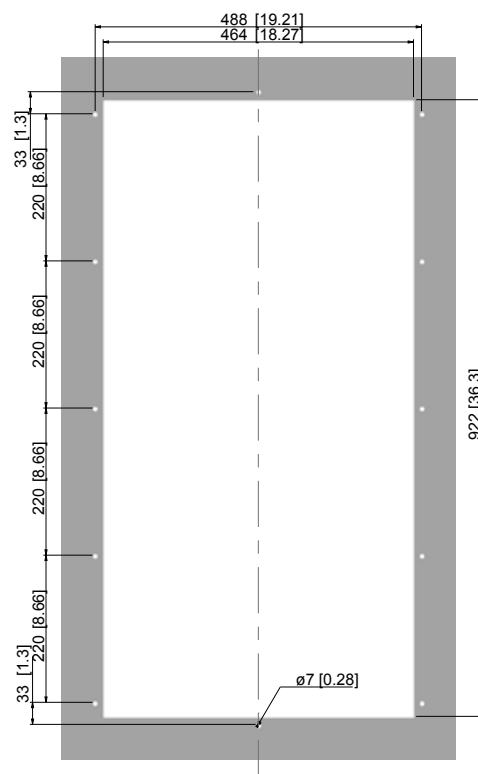
Mounting templates Peltier units



TG 6155 / 6205 / 6255 external



TG 6405 external / recessed



TG 6805 external / recessed



SoliTherm® Air conditioner accessories

Specifically designed accessories for our cooling units allow these units to be used universally. By adding for example a Cover Kit made of stainless steel 304 (V2A) to your existing or new SlimLine cooling unit, these units will now pass the strict NEMA 4X rating. The cooling unit is now suitable for operating in the food processing industry and in outdoor applications where requirements like hose water and ingress protection are necessary.

Filter kits for ComPact Line cooling units	Order number	Qty. / Box	
Fibre filter media EU2 for unit KG-4304 / 05 / 08 / 09 / 10	SP-43040001-O-1	5	
Fibre filter media EU2 for unit KG-4315 / 20	SP-43150001-O-1	5	
Fibre filter media EU2 for unit KG-4325 / 30 / 40	SP-43250001-O-1	3	
Washable aluminium filter for KG-4315 / 20	SP-43150001-BF-1	1	
Washable aluminium filter for KG-4325 / 30 / 40	SP-43250001-BF-1	1	
Stainless steel filter holder for KG-4304 / 05 / 08 / 09 / 10, supplied with 1 fibre filter EU2	SP-43040001-BG-1	1	
Stainless steel filter holder for KG-415 / 20, supplied with 1 fibre filter EU2	SP-43150001-BG-1	1	
Stainless steel filter holder for KG-4325 / 30 / 40, supplied with 1 fibre filter EU2	SP-43250001-BG-1	1	
NEMA 4X Cover for SlimLine cooling units	Dimensions (mm)	Order number	Material
NEMA 4X cover for KG 4266	600 x 280 x 220	S/M 5930017544	Stainless steel 304
NEMA 4X cover for KG 4268	650 x 342 x 220	S/M 5930018050	Stainless steel 304
NEMA 4X cover for KG 4269	680 x 330 x 220	S/M 5930017545	Stainless steel 304
NEMA 4X cover for KG 4270	1010 x 420 x 282	S/M 5930019506	Stainless steel 304
NEMA 4X cover for KG 4271	1101 x 420 x 282	S/M 5930018030	Stainless steel 304
NEMA 4X cover for KG 4272	1400 x 420 x 282	S/M 5930019200	Stainless steel 304
NEMA 4X cover for KG 4274	1680 x 420 x 282	S/M 5930016726	Stainless steel 304
Accessories for Peltier cooling units	Dimensions (mm)	Order number	Rated voltage
Adjustable bimetallic temperature controller (Heating & Cooling)	145 x 130 x 53	7800000	24 V DC / 20 A
Adjustable electronic temperature controller (Cooling)	60 x 39 x 38.9	301510	24 V DC / 16 A
Condensate tray and drain Kit (V2A) for TG 3030 / 3050	170 x 50 x 50	1001303	n. a.
Condensate tray and drain Kit (V2A) for TG 3152 / 3200	200 x 60 x 50	1002303	n. a.
Condensate tray and drain Kit (V2A) for TG 3102 / 6155 / 6205 / 6255	320 x 100 x 50	1003303	n. a.
Condensate tray and drain Kit (V2A) for TG 6105	360 x 110 x 50	1004303	n. a.
Condensate tray and drain Kit (V2A) for TG 6405	440 x 130 x 50	1005303	n. a.
Condensate tray and drain Kit (V2A) for TG 6805	516 x 148 x 50	1006303	n. a.
General accessories for cooling units	Dimensions (mm)	Order number	Rated voltage
External condensate evaporator	103 x 164 x 148	82000001	120/230 V ~ 50/60 Hz
Door switch	73 x 30.3 x 30	3100000	24 - 250 V AC / DC



NEMA 4X cover



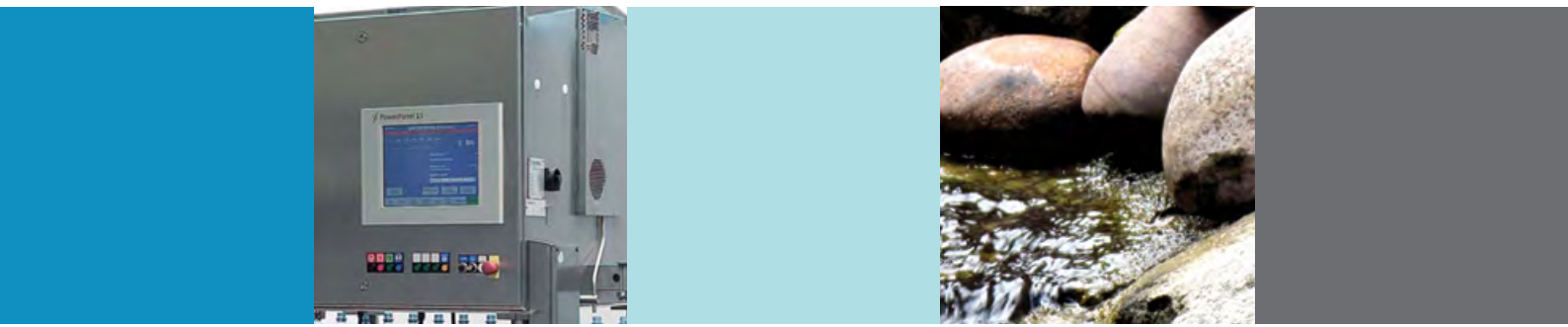
Electronic temperature controller 301510



Bimetallic temperature controller 780000



Door switch



Seifert | Thermal Management Solutions

Control cabinet heaters

Cabinet heaters are an important segment of the Seifert cabinet accessories program and form part of our thermal management solutions. Temperature differences in cabinets, mostly in outdoor applications, often result in humidity and condensation which may cause function failures and corrosion. The use of the appropriate heating unit for your cabinet will eliminate these problems. Fan heaters distribute the internal warm air equally throughout the control cabinet.



Liquid cooling / chiller

The Seifert compact air / water heat exchangers can be used when a cold water supply is available. Furthermore we manufacture customised chillers with multiple water circuits and cooling capacities from 500 W up to 110 kW. Innovative components like variable speed compressors, pumps and fans guarantee high temperature accuracy and optimised energy efficiency.



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 customers can also opt for ultimate corrosion protection and chromated aluminium surfaces.

Filter fans

Filter fans are used if the desired cabinet temperature can be constantly above the ambient air temperature. In combination with thermostats from Seifert you can save on energy since the fan is only on when actually needed, on material because of less consumption of filter mats and on time since less cleaning is required. All this will ensure a longer life time of the filter fans and will enhance your process reliability and safety. All our filter fans are also available in EMC and NEMA 3R versions.



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 new stripLite LED light fixture is the economical and space saving solution for cabinet and enclosure lighting. The state of the art LED technology ensures a long and maintenance free life cycle. Integrated on/off switches, motion sensors and daisy chain cables to connect up to 16 lights allow various possibilities of installations directing the light to where it is actually needed.





wegweisend innovativ

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