



Thermal Management SoliTherm Enclosure Air Conditioning



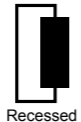
SoliTherm® SlimLine

Filterless enclosure cooling



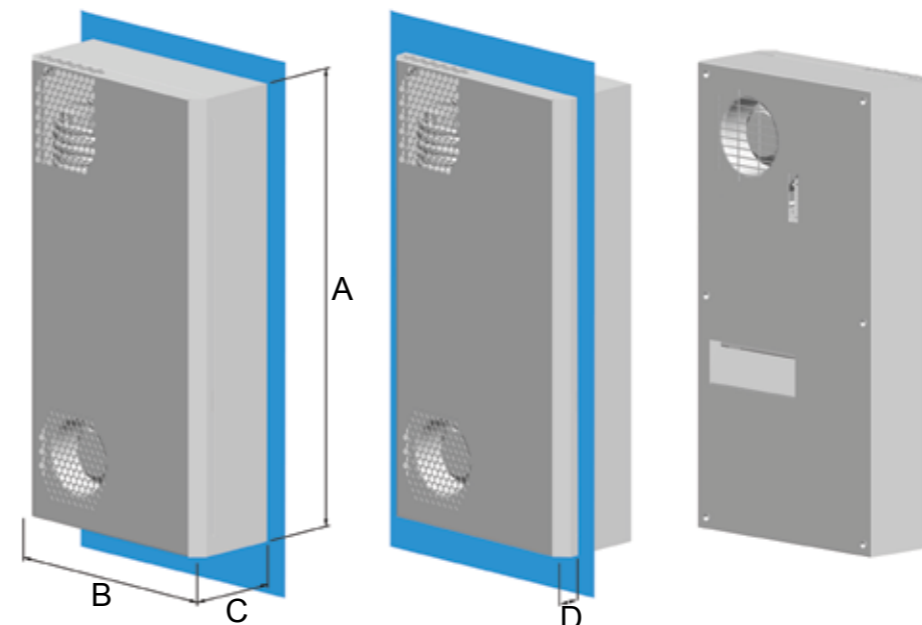
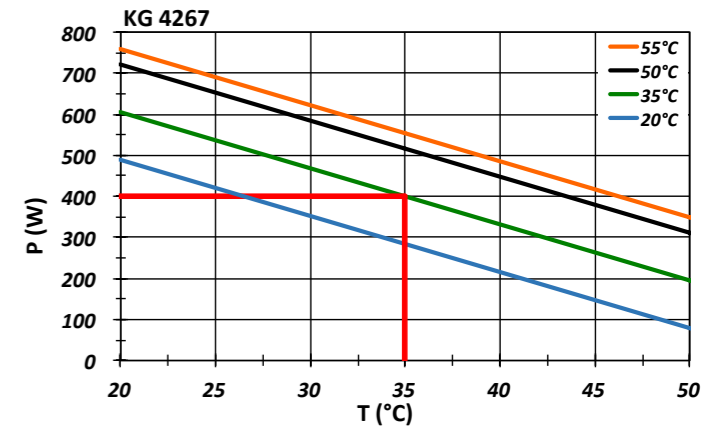
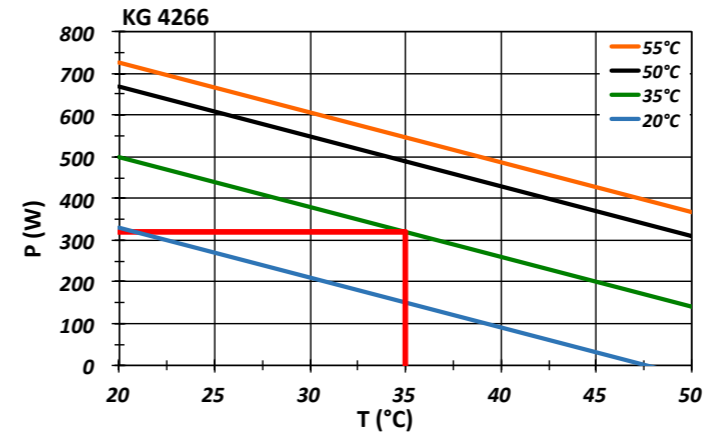
KG 4266

- 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 42
- Assembly parts, mounting template and condensation kit included

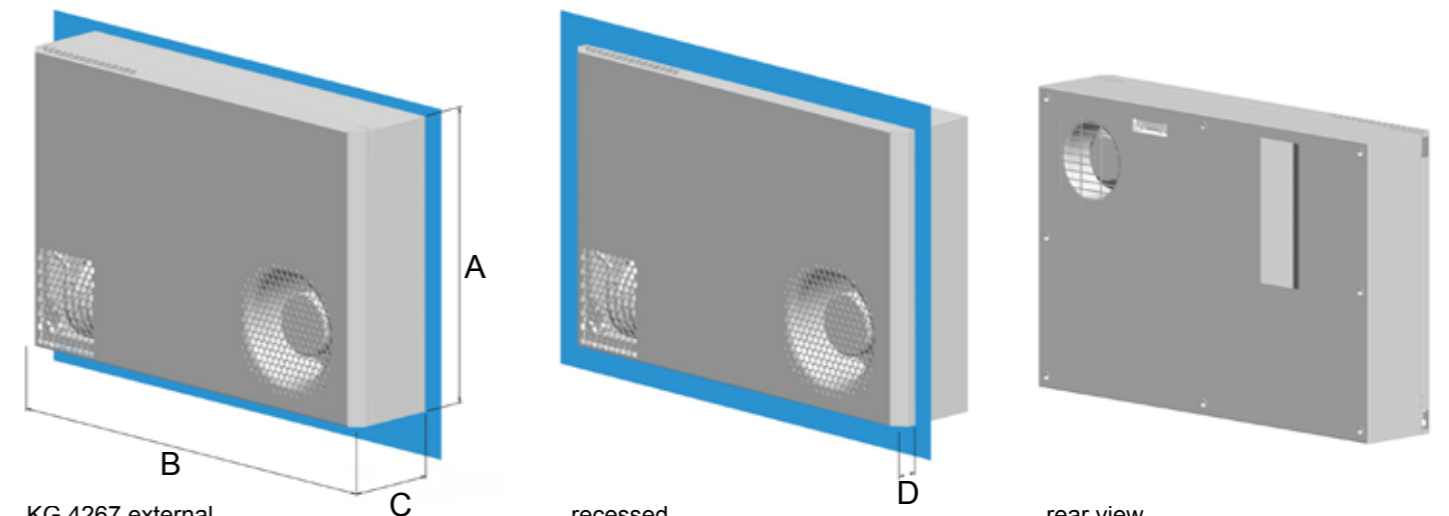


KG 4266, KG 4267				
Type	KG 4266-230V	KG 4266-120V	KG 4267-230V	KG 4267-120V
Order number	42660001	42661001	42670001	42671001
Order number stainless steel 304 (V2A)	42XXX02			
Cooling capacity L35L35	320 W @ 50 Hz 330 W @ 60 Hz	320 W @ 60 Hz	400 W @ 50 Hz 425 W @ 60 Hz	400 W @ 60 Hz
Cooling capacity 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			
System air flow ambient / cabinet	170 / 125 m³/h		215 / 115 m³/h	
Unimpeded air flow ambient / cabinet	250 / 250 m³/h		450 / 250 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 / 1.6 A	3.2 A	1.6 A / 1.5 A	3.2 A
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 / 335 W	315 W	350 W / 346 W	350 W
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

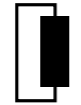
SoliTherm® SlimLine

Filterless enclosure cooling



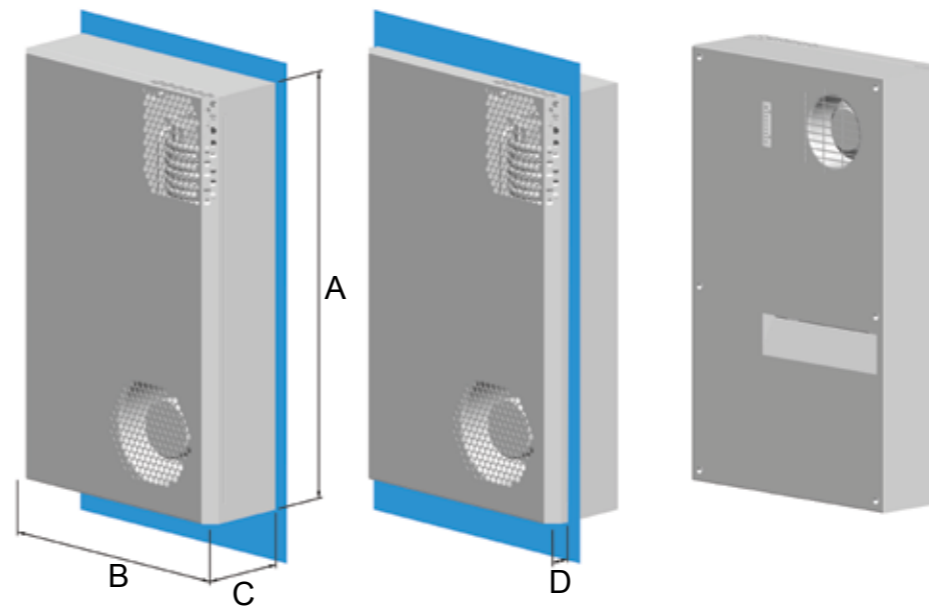
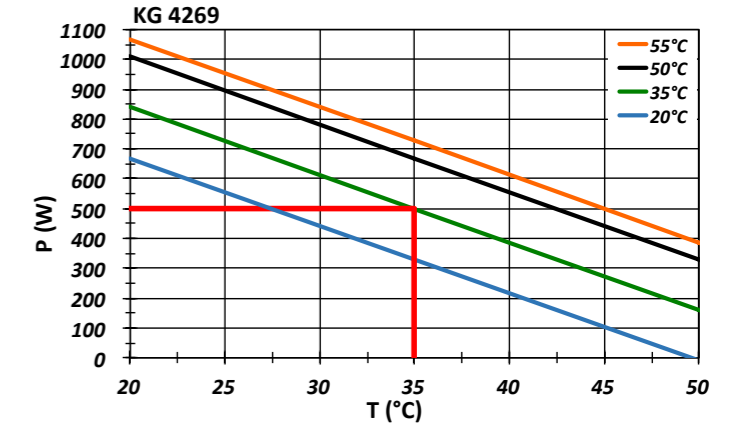
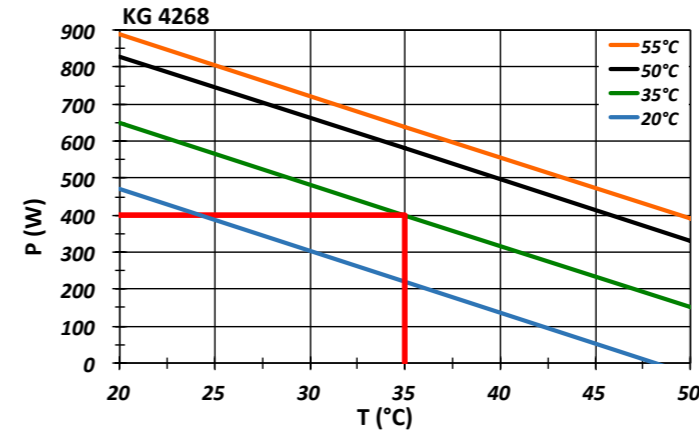
KG 4268

- 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 42
- Assembly parts, mounting template and condensation kit included

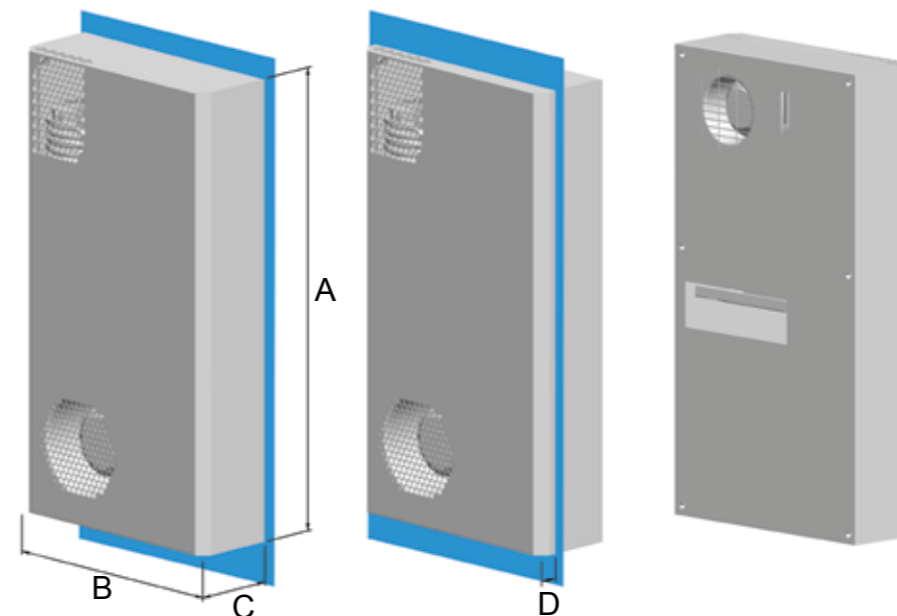


KG 4268, KG 4269				
Type	KG 4268-230V	KG 4268-120V	KG 4269-230V	KG 4269-120V
Order number	42680001	42681001	42690001	42691001
Order number stainless steel 304 (V2A)	42XXX02			
Cooling capacity L35L35	400 W @ 50 Hz 425 W @ 60 Hz	400 W @ 60 Hz	500 W @ 50 Hz 520 W @ 60 Hz	500 W @ 60 Hz
Cooling capacity 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			
System air flow ambient / cabinet	200 / 125 m³/h		250 / 125 m³/h	
Unimpeded air flow ambient / cabinet	450 / 250 m³/h		650 / 250 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 / 1.5 A	3.2 A	2.4 A / 2.6 A	4.4 A
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 / 345 W	325 W	480 W / 490 W	475 W
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

SoliTherm® SlimLine

Filterless enclosure cooling



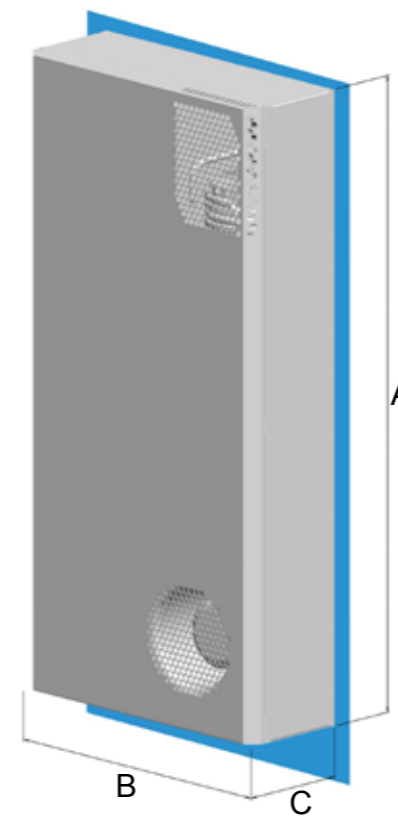
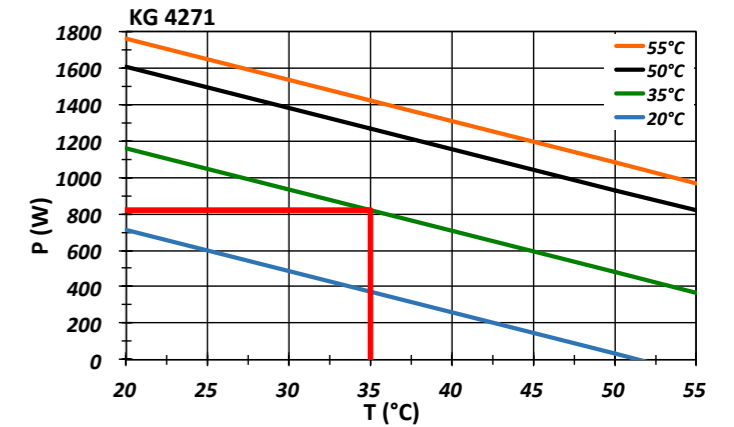
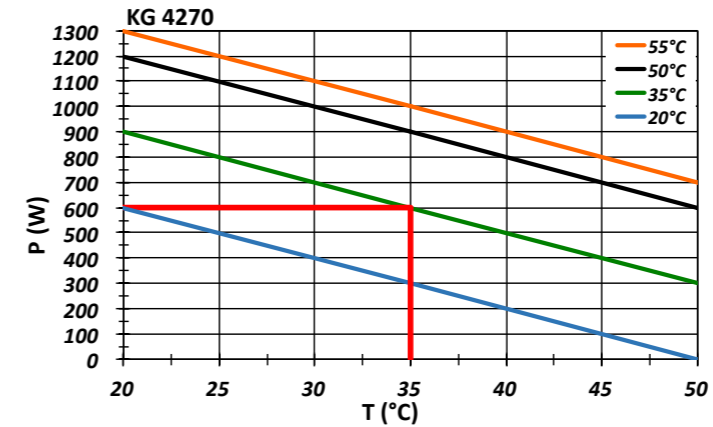
KG 4270

- 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 42
- Assembly parts, mounting template and condensation kit included

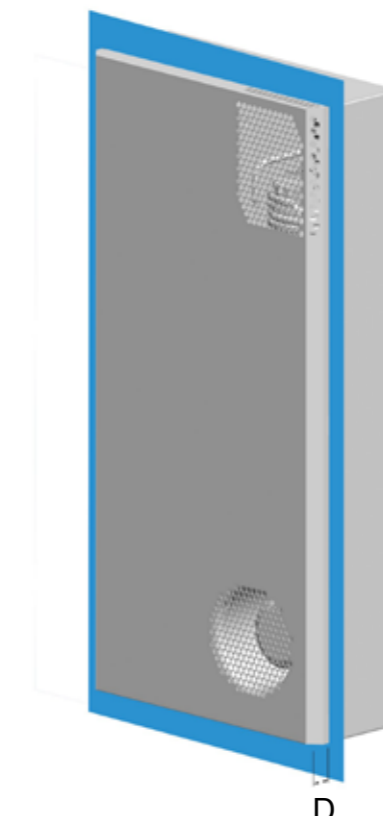


KG 4270, KG 4271						
Type	KG 4270 - 230V	KG 4270 - 120V	KG 4270 - 400V	KG 4271 - 230V	KG 4271 - 120V	KG 4271 - 400V
Order number	42700001	42701001	42702001	42710001	42711001	42712001
Order number stainless steel 304 (V2A)	42XXX02					
Cooling capacity L35L35	600 W @ 50/60 Hz	600 W @ 60 Hz	600 W @ 50/60 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					
System air flow ambient / cabinet	340 / 170 m³/h			320 / 290 m³/h		
Unimpeded air flow ambient / cabinet	650 / 550 m³/h			650 / 550 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	400 / 460 V - 50/60 Hz 3~
Current L35L35	2.3 A / 2.5 A	5.2 A	1.5 A	3.3 A / 3.7 A	7.2 A	1.4 A
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 / 480 W	570 W	550 W / 570 W	660 W / 760 W	755 W	660 W / 760 W
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					

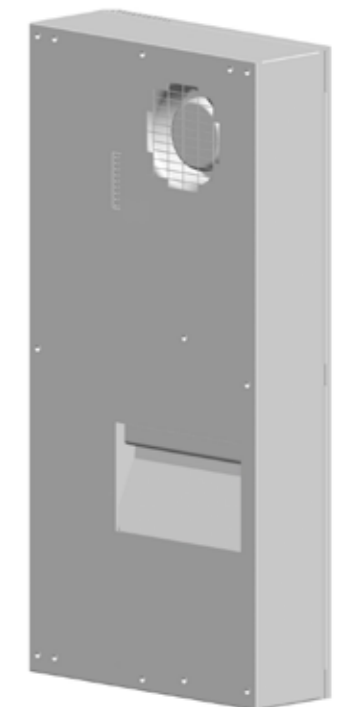
Performance graphs



KG 4270 / 71 external



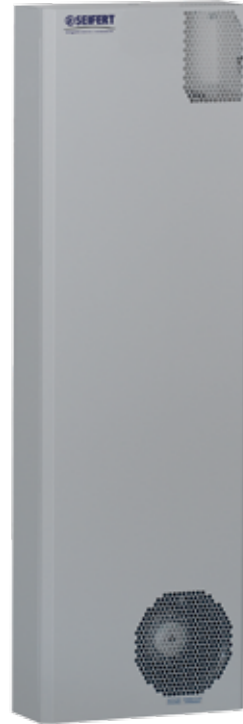
recessed



rear view

SoliTherm® SlimLine

Filterless enclosure cooling



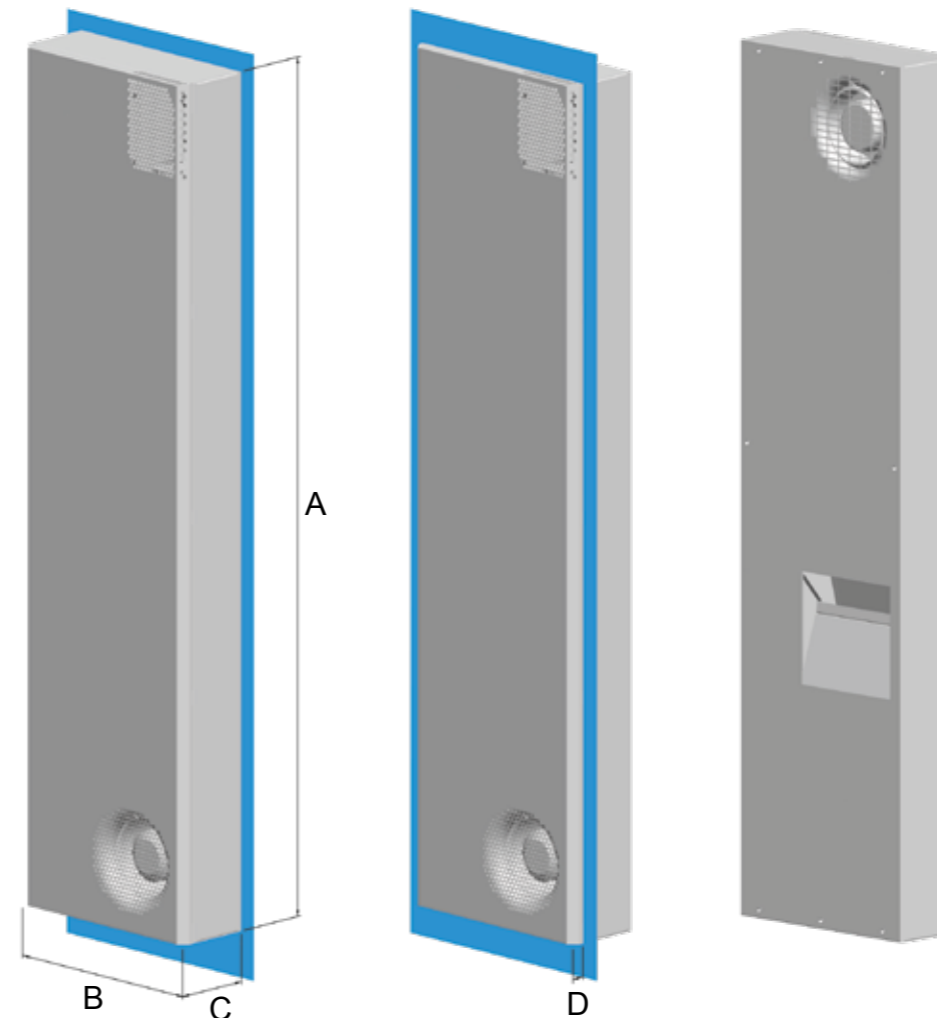
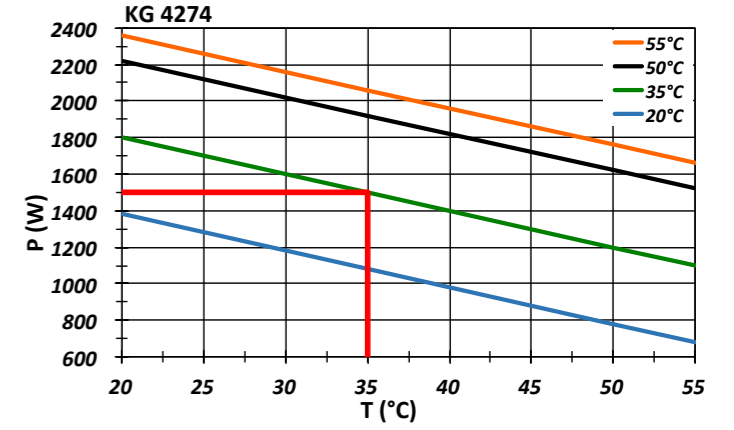
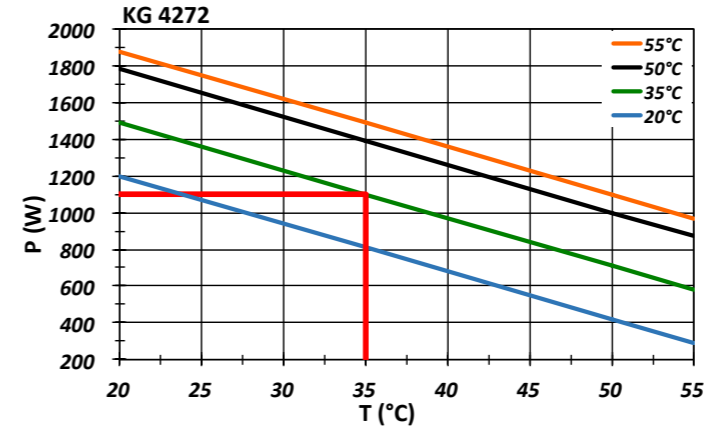
KG 4272

- 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 42
- 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					
System air flow ambient / cabinet	430 / 200 m³/h			430 / 200 m³/h		
Unimpeded air flow ambient / cabinet	1200 / 550 m³/h			1200 / 850 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	400 / 460 V - 50/60 Hz 3~	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400 / 460 V - 50/60 Hz 3~
Current L35L35	3.4 A / 4.1 A	8.0 A	1.6 A / 1.5 A	4.3 A / 5.5 A	8.8 A	1.8 A / 2.0 A
Starting current	15.5 A	37 A	8.2 A	22 A	37 A	13 A
Max. current	4.5 A	10 A	1.8 A	7 A	12.1 A	3.2 A
Nominal power L35L35	740 W / 865 W	900 W	830 W / 850 W	1 kW / 1.23 kW	1 kW	1 kW / 1.21 kW
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

SoliTherm® SlimLine TOP

Filterless enclosure cooling



KG 4482

- 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



Protection



Top Mount



Filterless

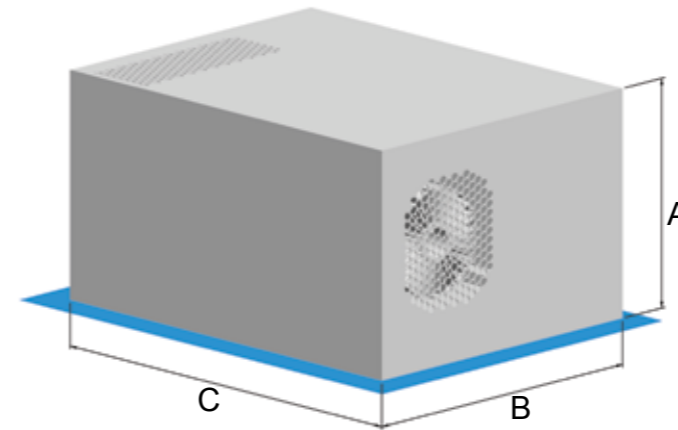
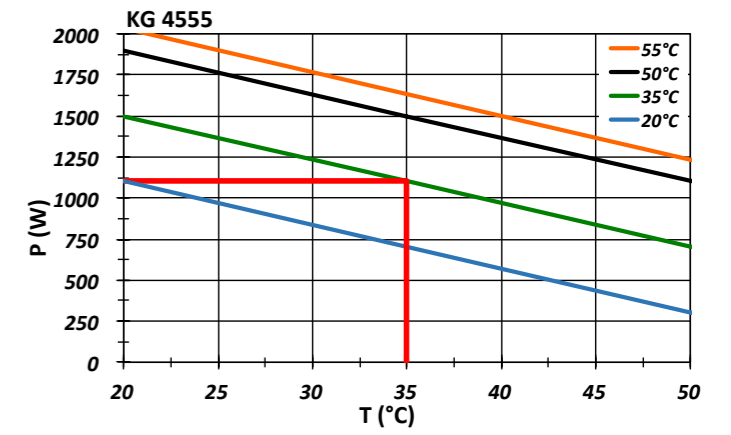
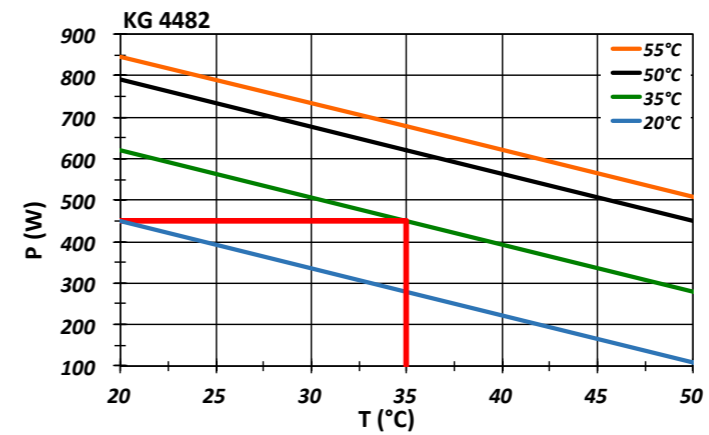


Maintenance free

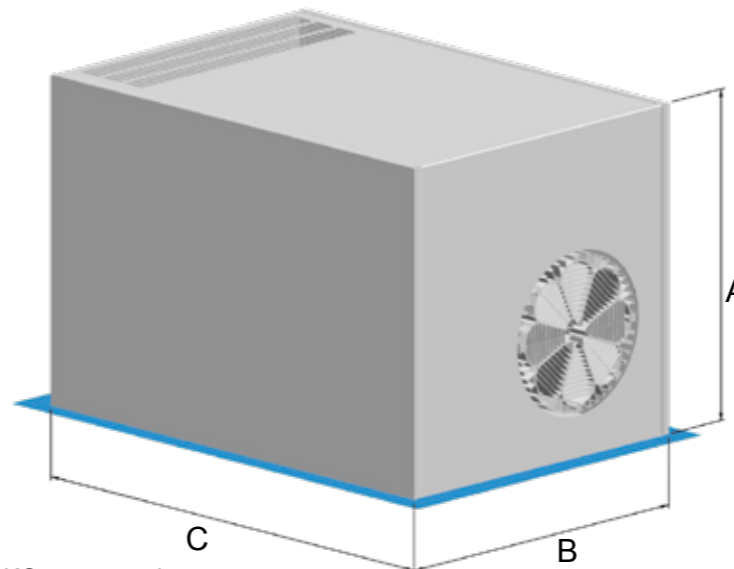


KG 4482, KG 4555					
Type	KG 4482-230V	KG 4482-120V	KG 4555-230V	KG 4555-120V	KG 4555-400V
Order number	44820001	44821001	45550001	45551001	45552001
Order number stainless steel 304 (V2A)	4482X02		4555X02		
Cooling capacity L35L35	450 W @ 50 Hz	460 W @ 60 Hz	1.10 kW @ 50 Hz	1.1 kW @ 60 Hz	1.10 kW @ 50 Hz
	460 W @ 60 Hz		1.15 kW @ 60 Hz		1.15 kW @ 60 Hz
Cooling capacity L35L50	280 W @ 50 Hz	280 W @ 60 Hz	700 W @ 50 Hz	700 W @ 60 Hz	700 W @ 50 Hz
			750 W @ 60 Hz		750 W @ 60 Hz
Compressor type	Rotary piston compressor				
Operating temperature range	+10°C - +50°C				
Setting range	+20°C - +50°C				
System air flow ambient / cabinet	250 / 140 m³/h		360 / 720 m³/h		
Unimpeded air flow ambient / cabinet	650 / 250 m³/h		1200 / 650 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 / 2.2 W	4.2 A	4 A / 4.4 A	8 A	2.3 A / 2.5 A
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 / 485 W	480 W	800 W / 900 W	800 W	800 W / 900 W
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

SoliTherm® 19" cooling units

Filterless enclosure cooling



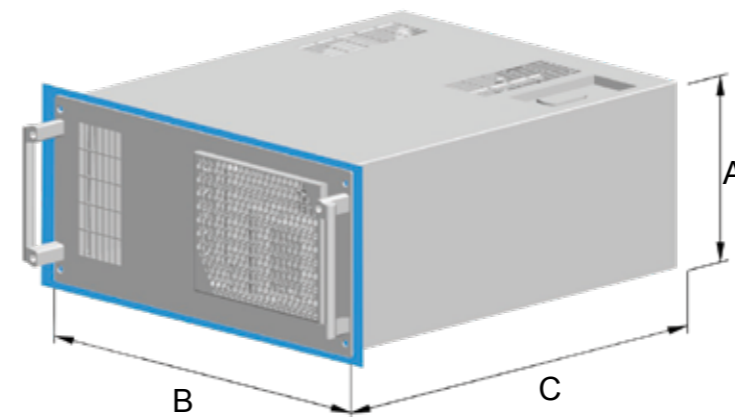
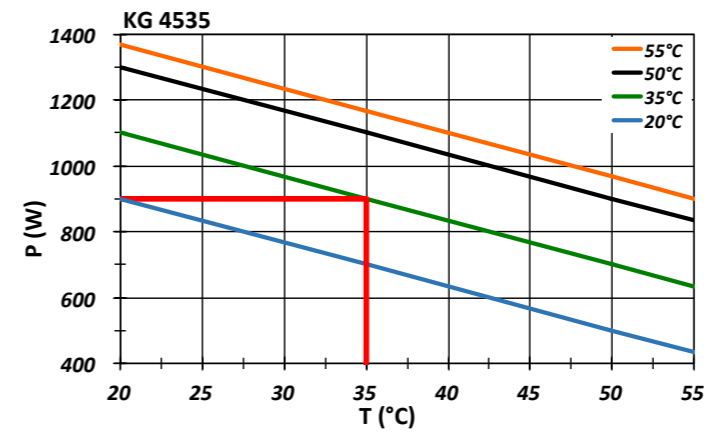
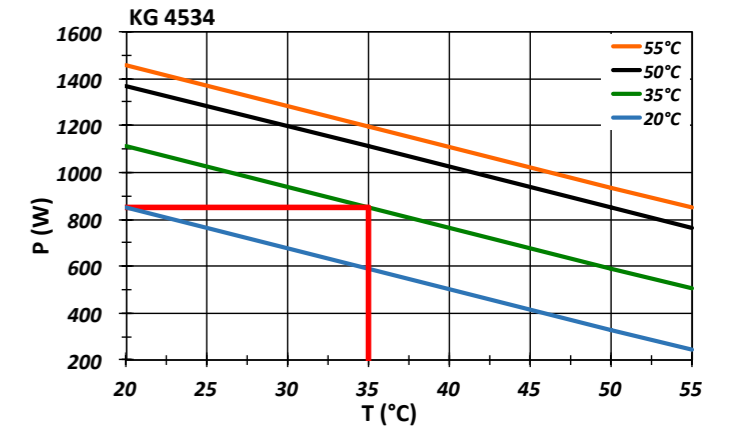
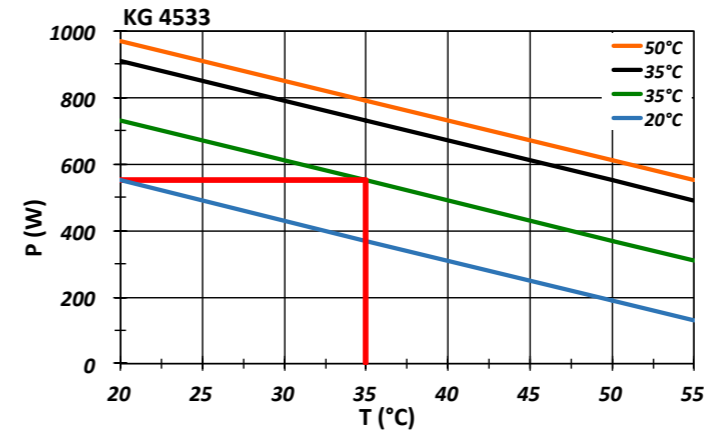
KG 4533

- 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	45350000	4535100
Cooling capacity L35L35	550 W @ 50 Hz	850 W @ 50 Hz	900 W @ 50 Hz	900 W @ 60 Hz
	570 W @ 60 Hz	930 W @ 60 Hz	950 W @ 60 Hz	
Cooling capacity L35L50	370 W @ 50 Hz	590 W @ 50 Hz	700 W @ 50 Hz	700 W @ 60 Hz
	445 W @ 60 Hz	635 W @ 60 Hz	750 W @ 60 Hz	
Compressor type	Reciprocating compressor		Rotary piston compressor	
Operating temperature range	+10°C - +55°C			
Setting range	+20°C - +55°C			
System air flow ambient / cabinet	177 / 265 m³/h	250 / 280 m³/h	450 / 210 m³/h	
Unimpeded air flow ambient / cabinet	550 / 450 m³/h	850 / 550 m³/h	1200 / 650 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	
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	4.5 A / 4.3 A	3 A / 3.2 A	9 A
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 / 425 W	795 W / 900 W	700 W / 750 W	1.15 kW
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

SoliTherm® ComPact

The economical all-round solution

- Cooling capacities: 320 W and 550 W
- Nano-coated hydrophobic condenser
- Virtually maintenance free
- Adjustable electronic controller with display
- Optional condensate evaporator (> 500 W)
- Standard recess depth of 90 mm
- For accessories please refer to page 42
- Assembly parts, mounting template and condensation kit included

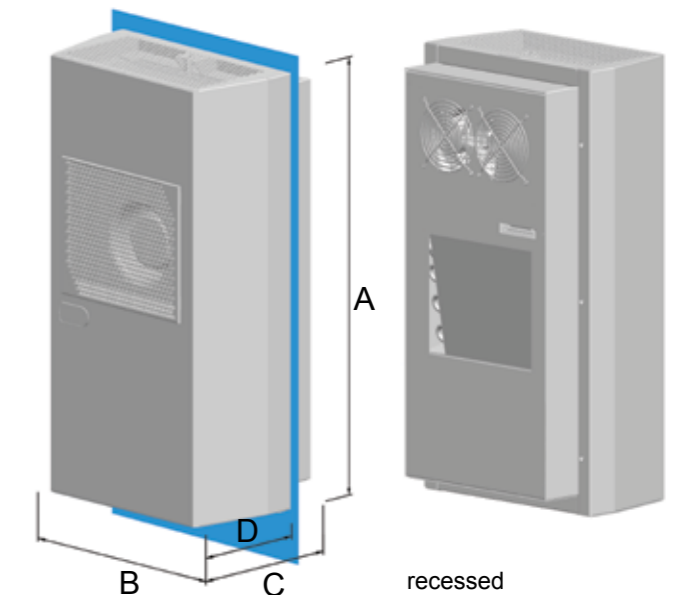
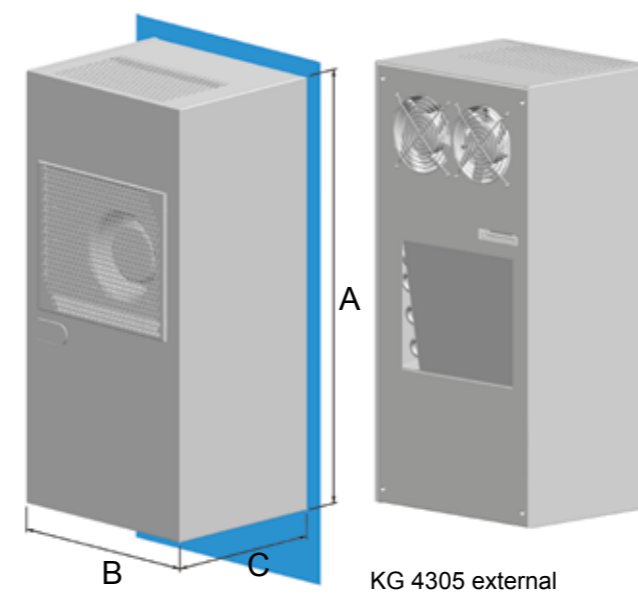
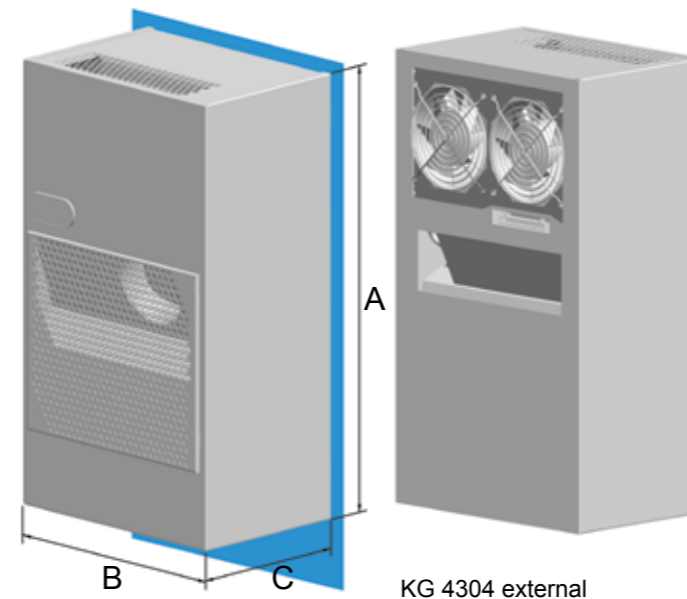
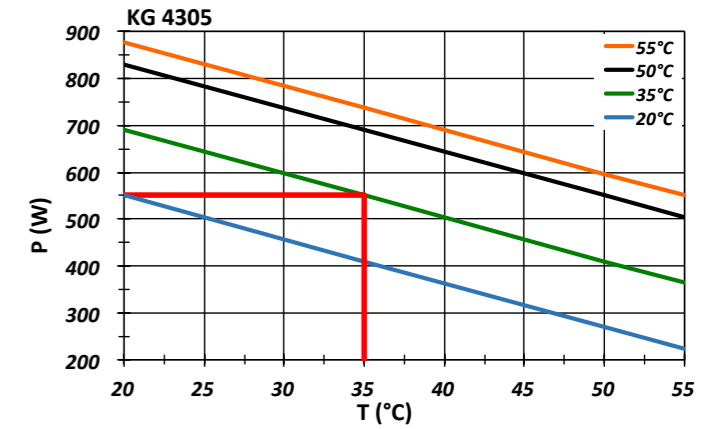
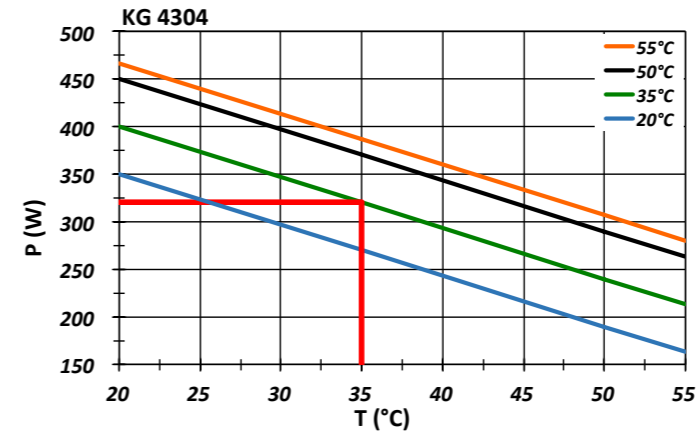


KG 4304



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	On request			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					
System air flow ambient / cabinet	90 / 115 m³/h			435 / 200 m³/h		
Unimpeded air flow ambient / cabinet	250 / 136 m³/h			550 / 250 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 / 2 A	4.4 A	1.1 / 1 A	2.1 A	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 / 380 W	440 W	370 W / 400 W	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



SoliTherm® ComPact

The economical all-round solution



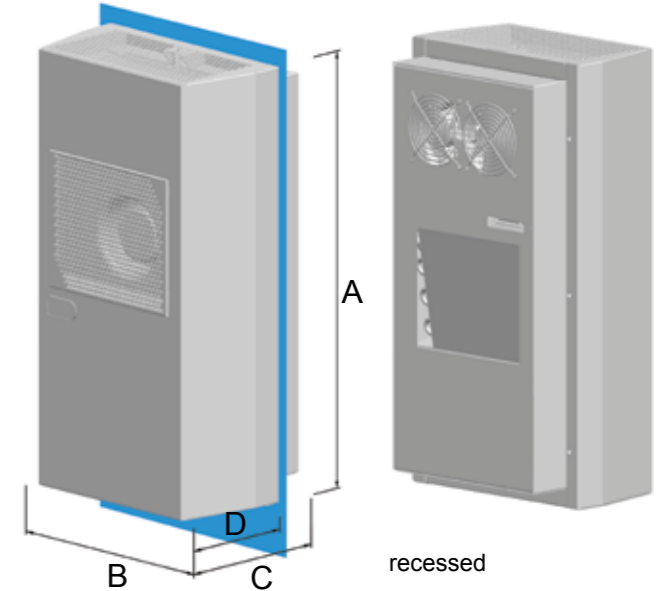
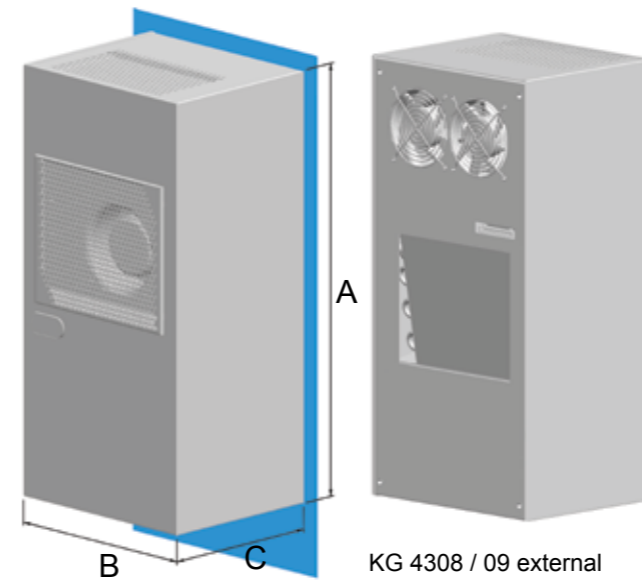
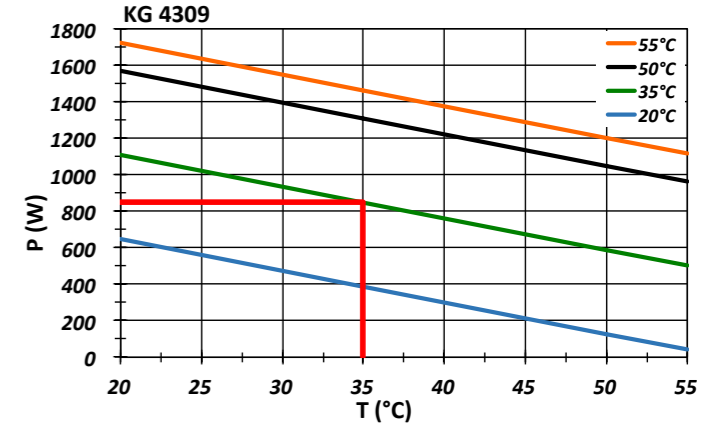
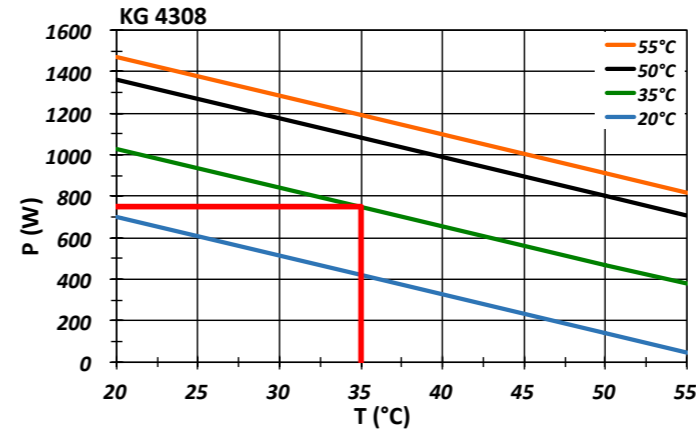
KG 4308

- Cooling capacities: 750 W and 880 W
- 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 42
- Assembly parts, mounting template and condensation kit included



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					
System air flow ambient / cabinet	435 / 200 m³/h			410 / 200 m³/h		
Unimpeded air flow ambient / cabinet	550 / 250 m³/h			550 / 250 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 / 2.5 A	5.3 A	1.6 / 1.3 A	3 A / 3.2 A	6.4 A	2 / 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 / 490 W	540 W		530 W / 610 W	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



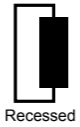
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The economical all-round solution



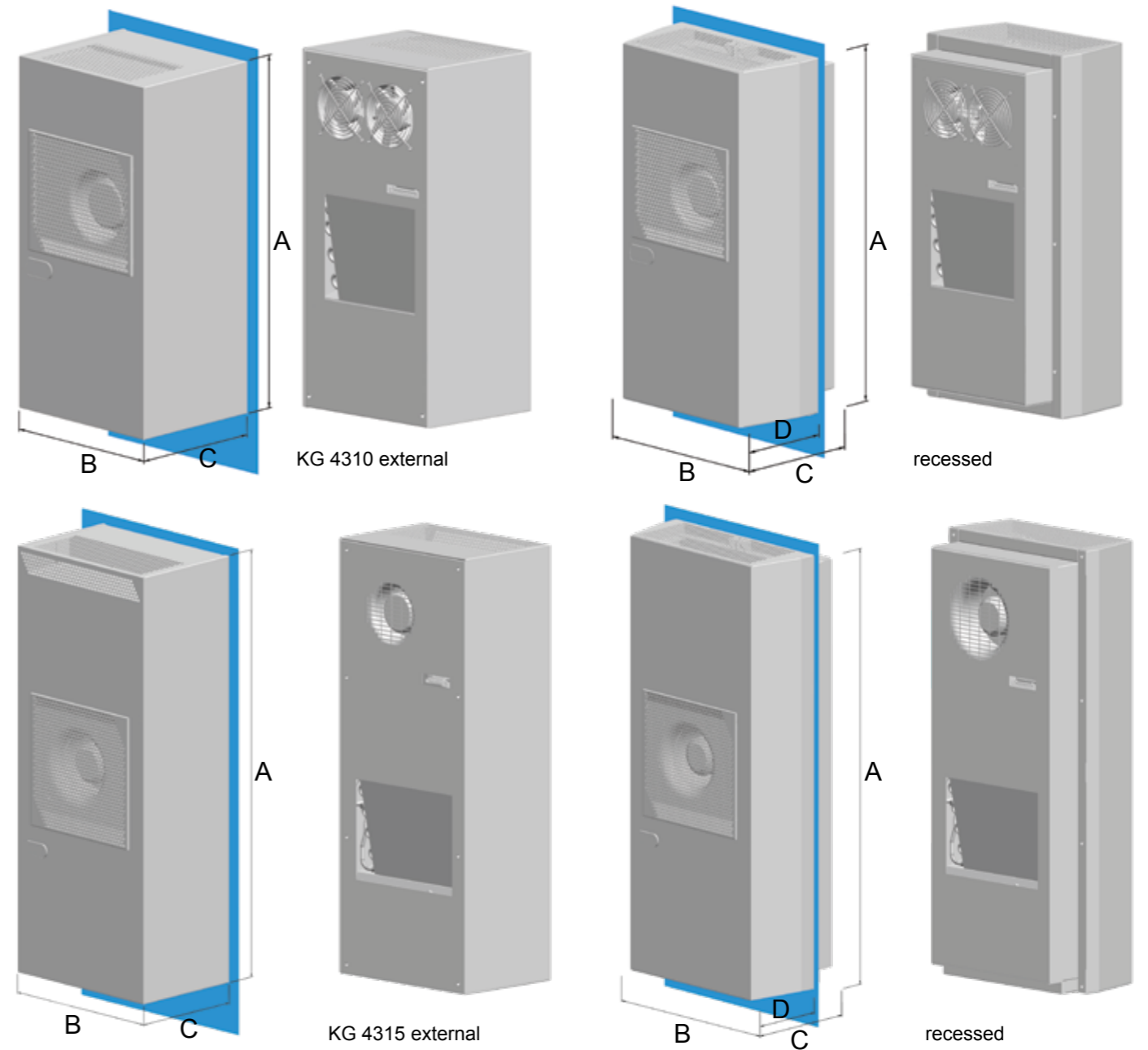
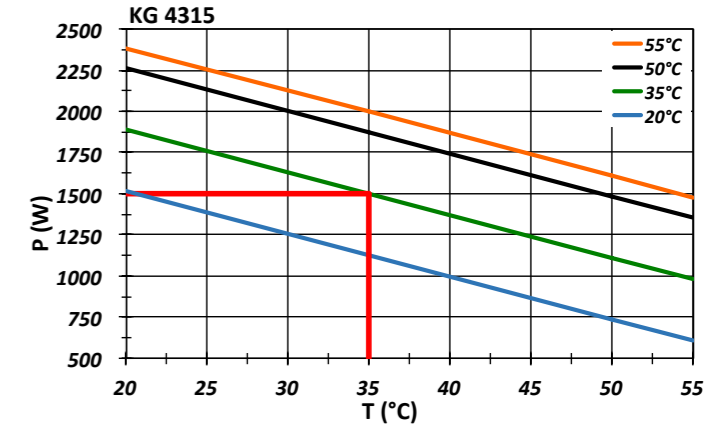
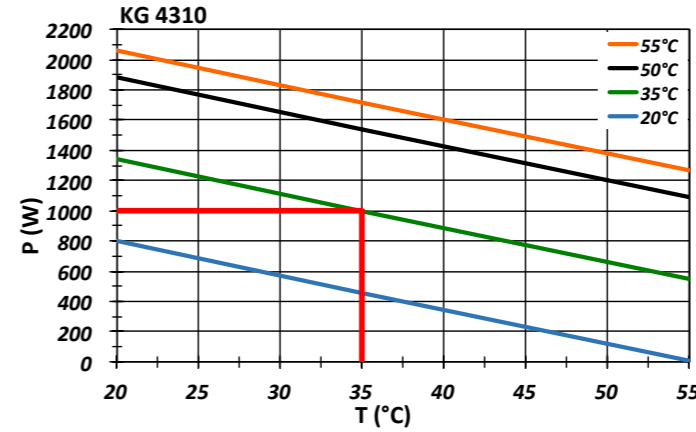
KG 4310

- Cooling capacities: 1 kW and 1.5 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 42
- 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					
System air flow ambient / cabinet	410 / 300 m³/h			480 / 385 m³/h		
Unimpeded air flow ambient / cabinet	850 / 550 m³/h			850 / 550 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 / 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 / 640 W	700 W		800 W / 920 W		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



SoliTherm® ComPact

The economical all-round solution



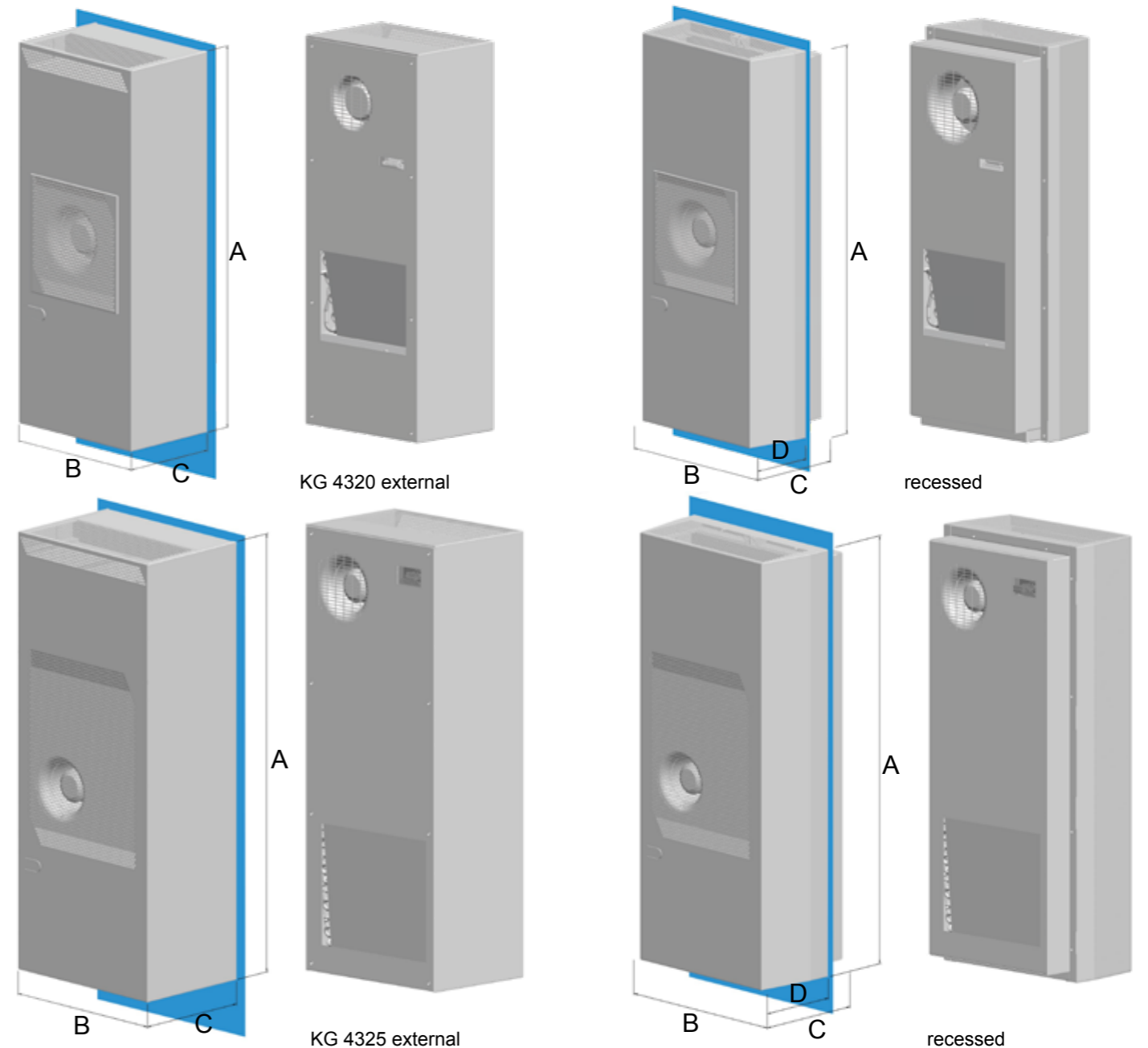
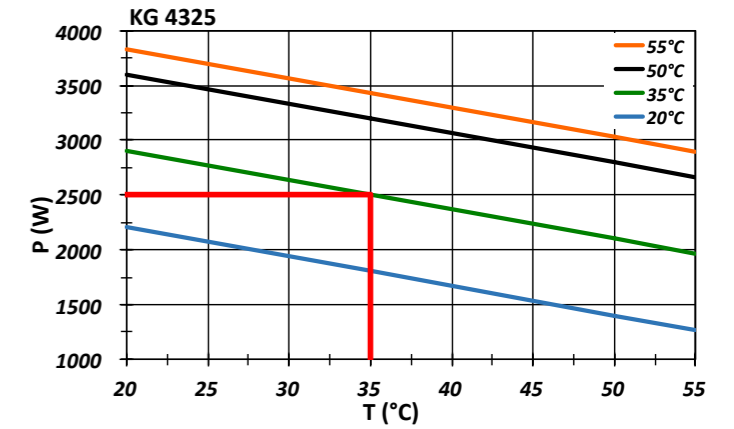
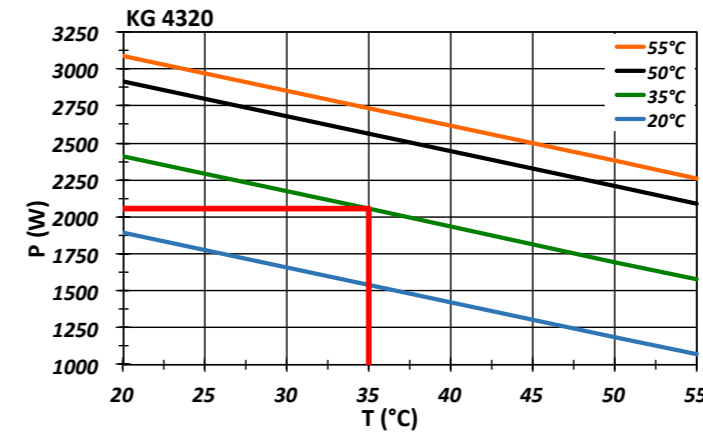
KG 4320

- 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 42
- Assembly parts, mounting template and condensation kit included



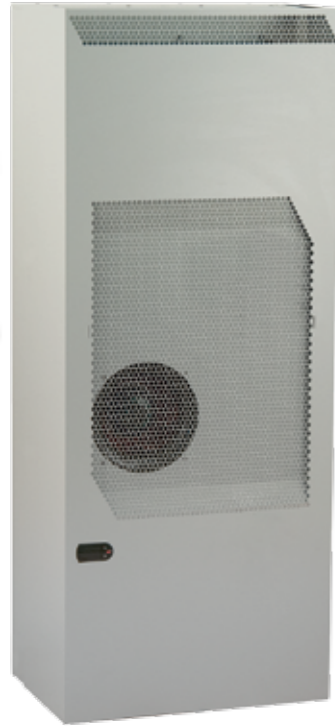
KG 4320, KG 4325						
Type	KG 4320-230V	KG 4320-120V	KG 4320-400V	KG 4325-230V	KG 4325-120V	KG 4325-400V
Order number external	43200001	43201001	43202001	43250001	43251001	43252001
Order number recessed	43200081	43201081	43202081	43250081	43251081	43252081
Order number stainless steel 304 (V2A)	43XXXX2 / 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					
System air flow ambient / cabinet	650 / 470 m³/h			750 / 550 m³/h		
Unimpeded air flow ambient / cabinet	1,200 / 850 m³/h			1,200 / 1,200 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 / 1.41 kW	1.28 kW	1.26 kW / 1.35 kW	910 W / 1.16 kW	970 W	940 W / 1.18 kW
Max. power	1.65 kW / 2.10 kW	1.42 W		1.19 kW / 1.48 kW	1.27 kW	1.25 kW / 1.46 kW
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



SoliTherm® ComPact

The economical all-round solution



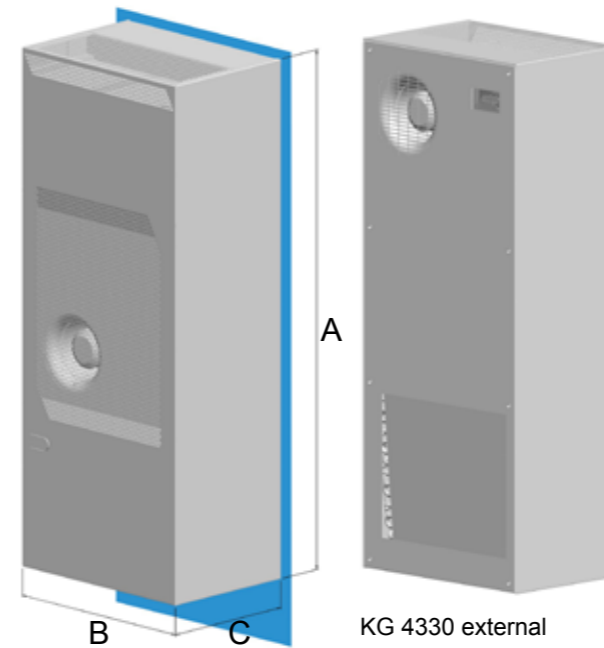
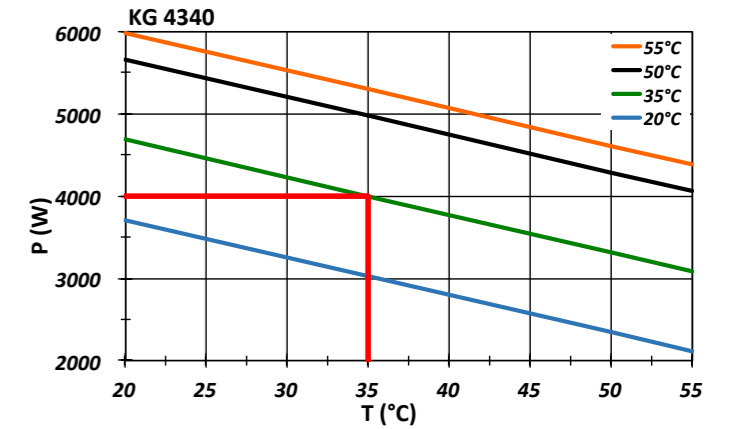
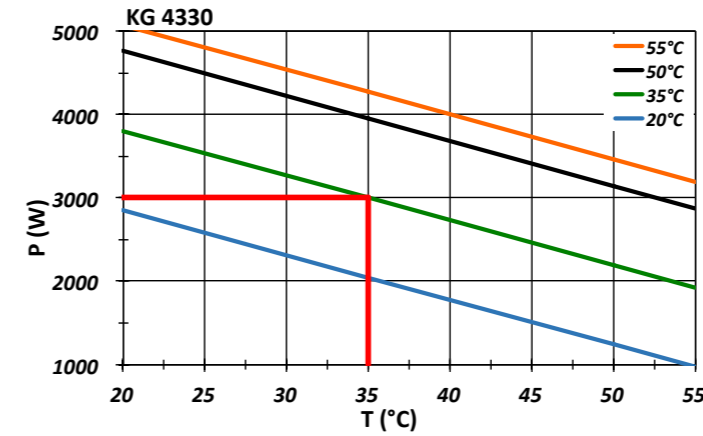
KG 4330

- 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 42
- Assembly parts, mounting template and condensation kit included

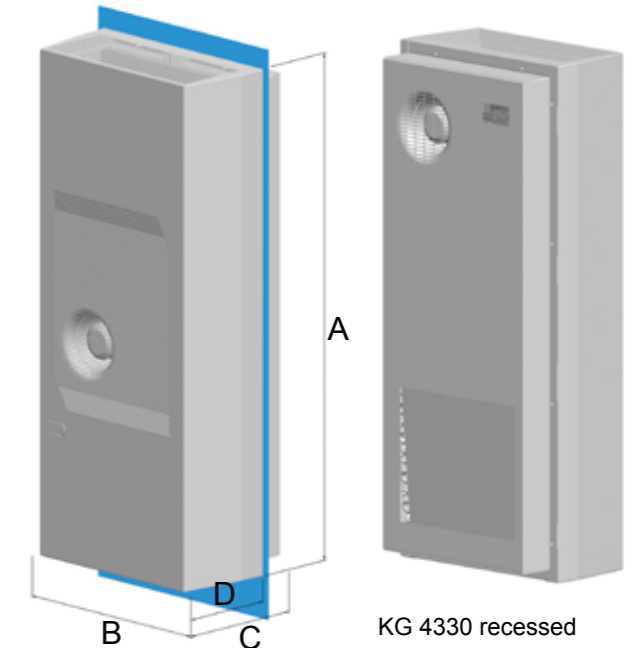


KG 4330, KG 4340					
Type	KG 4330-230V	KG 4330-120V	KG 4330-400V	KG 4340-230V	KG 4340-400V
Order number external	43300001	43301001	43302001	43400001	43402001
Order number recessed	43300081	43301081	43302081	43400081	43402081
Order number stainless steel 304 (V2A)	43XXXX2 / 43XXXX26				
Cooling capacity 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				
System air flow ambient / cabinet	750 / 860 m³/h			1,050 / 860 m³/h	
Unimpeded air flow ambient / cabinet	1,200 / 1200 m³/h			1,500 / 1,200 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 / 1.69 kW	1.37 kW	1.34 kW / 1.7 kW	1.88 kW / 2.31 kW	1.91 kW / 2.33 kW
Max. power	1.61 kW / 2.06 kW	1.65 kW	1.66 kW / 2.1 kW	2.40 kW / 3.27 kW	2.43 kW / 3.30 kW
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				

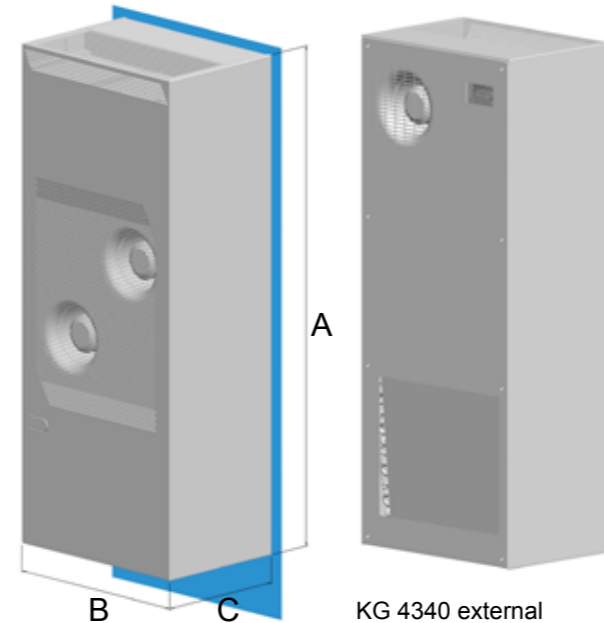
Performance graphs



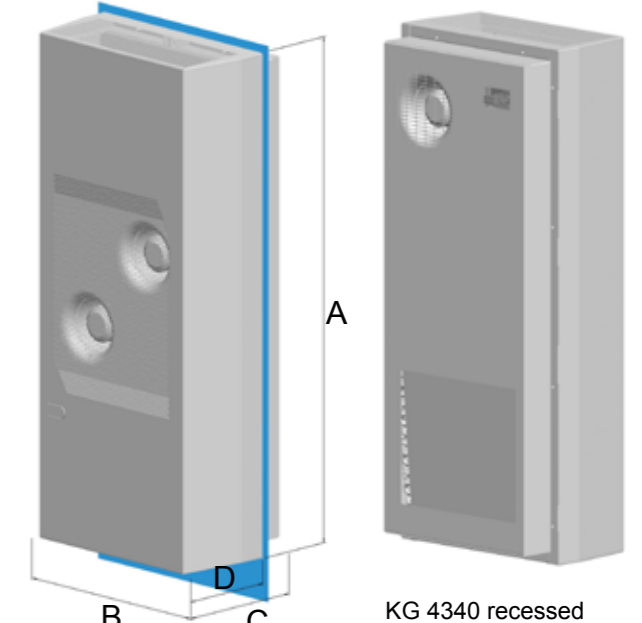
KG 4330 external



KG 4330 recessed



KG 4340 external



KG 4340 recessed

SoliTherm® Outdoor / Type 4X



OC 5704

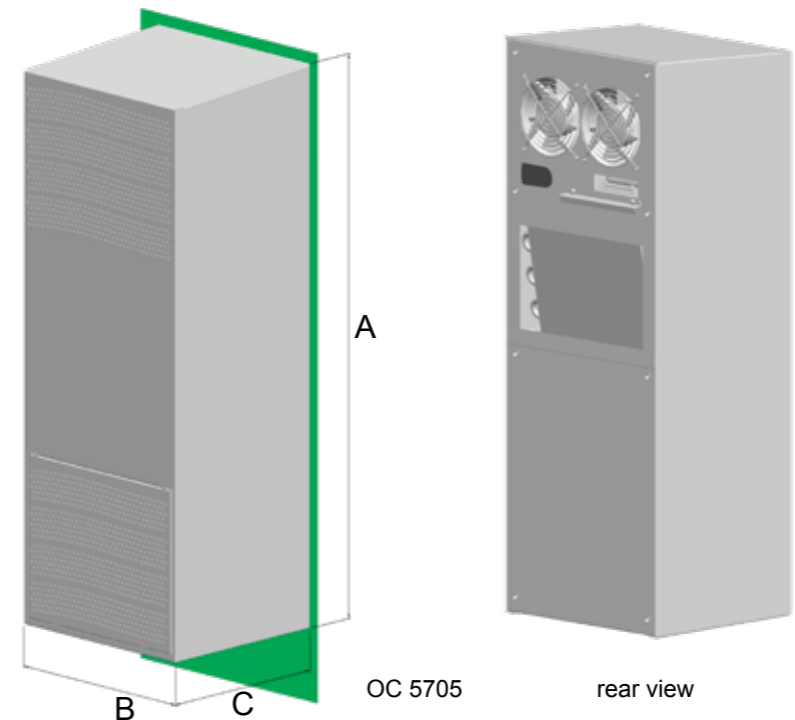
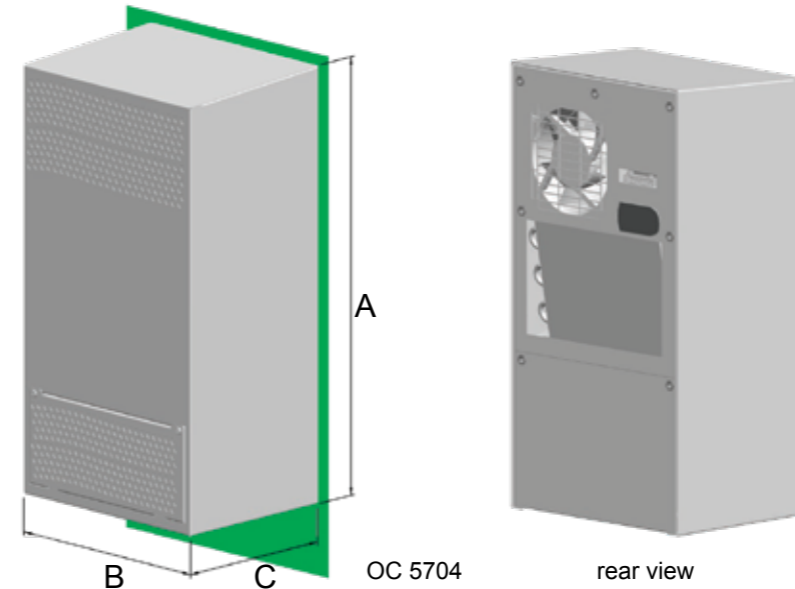
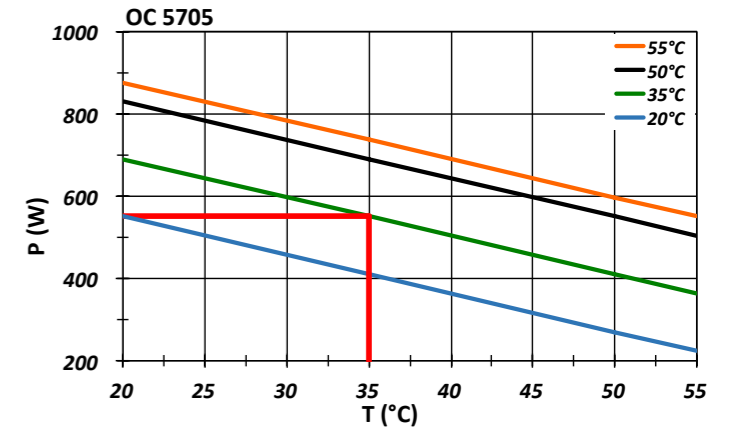
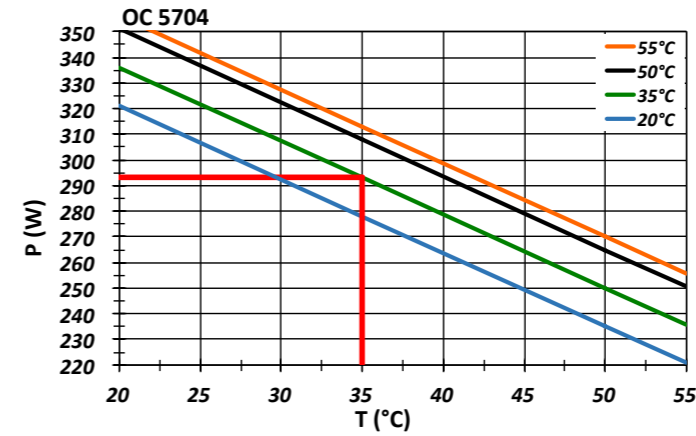
- Cooling capacities: 290 W and 550 W
- Suitable for most Outdoor applications without filter
- Stainless steel models comply to NEMA Type 4X
- Adjustable electronic controller with display (rear)
- All models fitted with condensate evaporation
- Virtually maintenance free
- Assembly parts, mounting template and condensation kit included



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	Rotary piston compressor		Reciprocating compressor		
Operating temperature range	-20°C - +55°C				
Setting range	+20°C - +55°C (cooling) / -20°C - +20°C (heating)				
System air flow ambient / cabinet	85 / 85 m³/h		315 / 165 m³/h		
Unimpeded air flow ambient / cabinet	300 / 136 m³/h		850 / 250 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 / 1.3 A
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 / 1.4 A
Nominal power L35L35	290 W	270 W	410 W	425 W	410 W / 440 W
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, cULus, Type 12, 3, 3R, 4, 4X				

Performance graphs



SoliTherm® Outdoor / Type 4X



OC 5708

- 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



Protection



External



Filterless



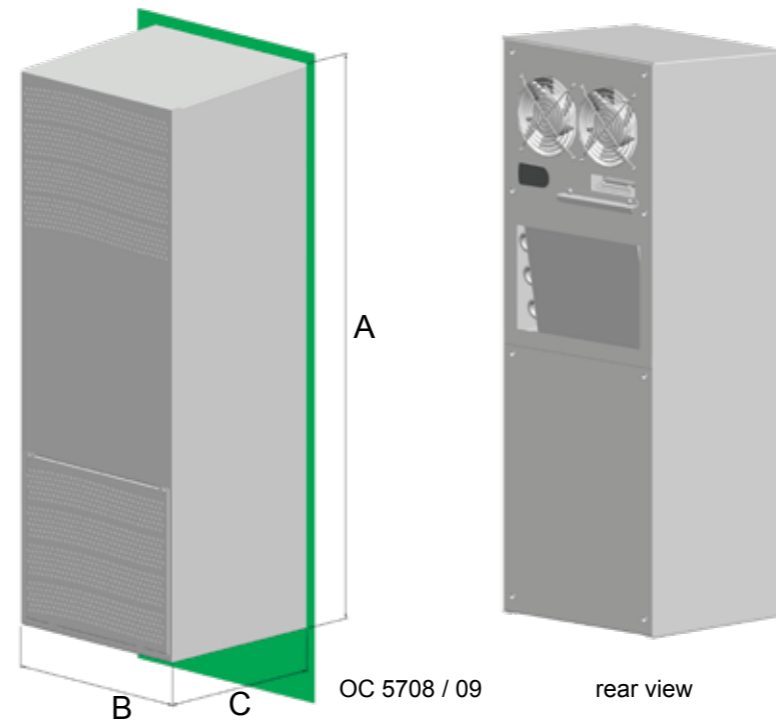
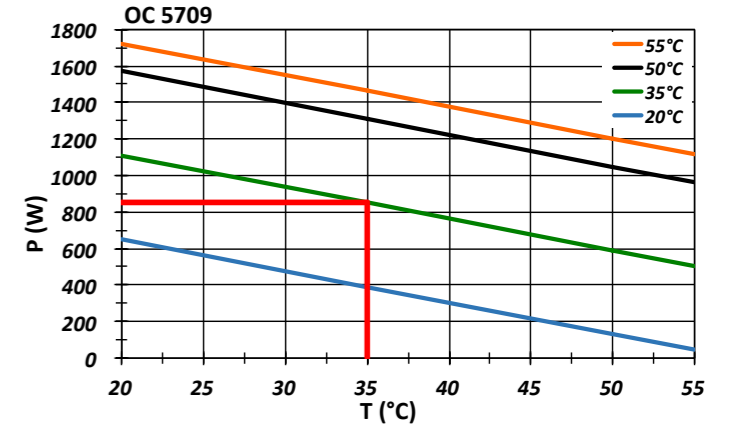
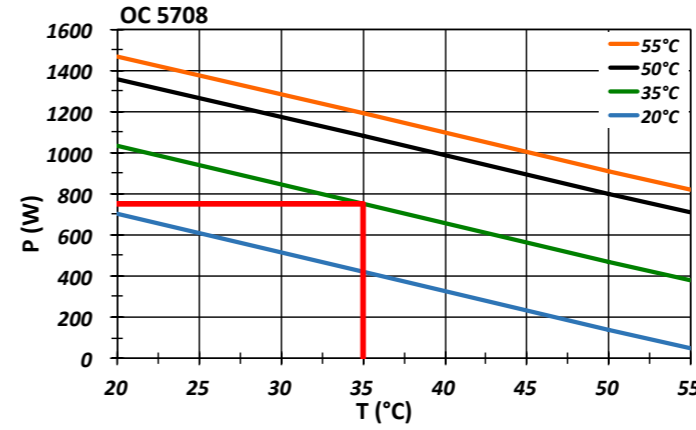
Maintenance free



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)					
System air flow ambient / cabinet	315 / 165 m³/h					
Unimpeded air flow ambient / cabinet	850 / 250 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 / 1.9 A	3 A / 3.2 A	6.4 A	2 A / 1.8 A
Starting current	10 A	20 A	6 A / 5 A	15 A	30 A	5.1 A
Max. current	3.7 A	7.4 A	2.4 A / 2.1 A	3.8 A	8.2 A	2.6 A / 2.3 A
Nominal power L35L35	470 W		530 W / 610 W		640 W	620 W / 630 W
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, cULus, Type 12, 3, 3R, 4, 4X					

Performance graphs



SoliTherm® Outdoor / Type 4X



OC 5710

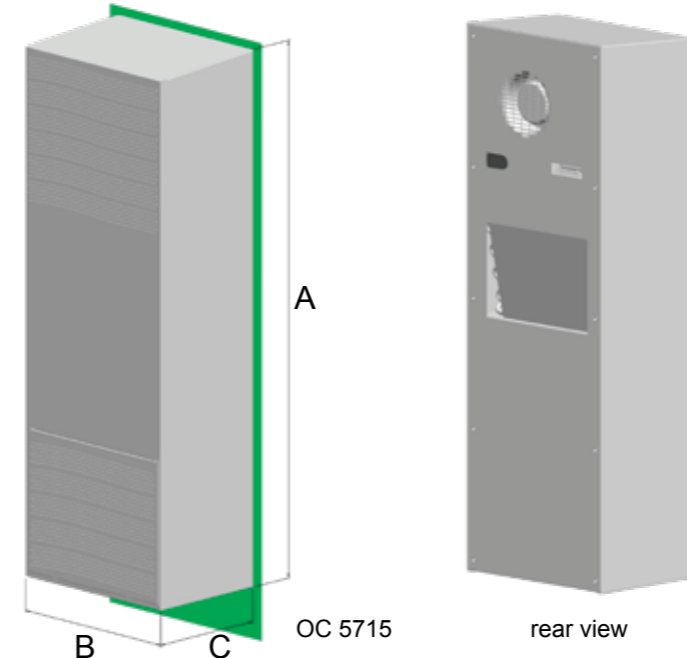
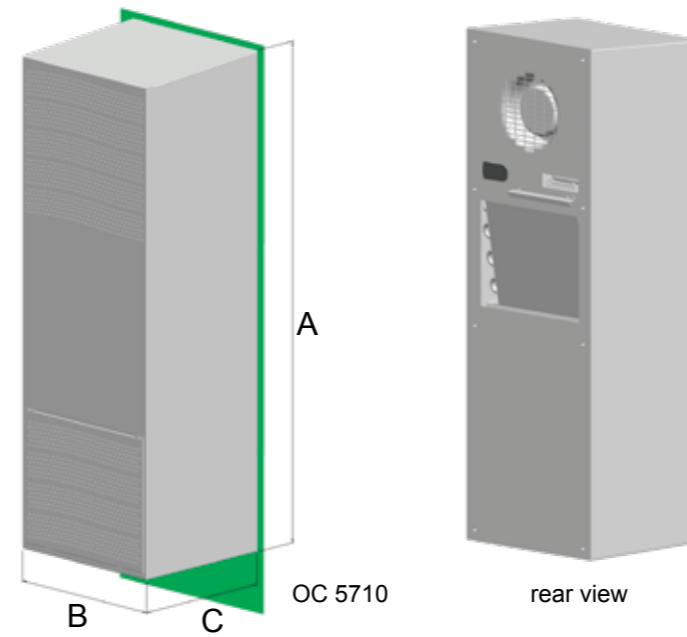
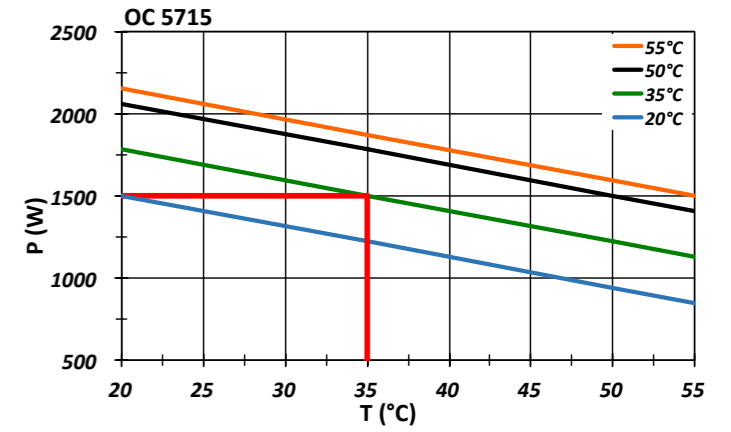
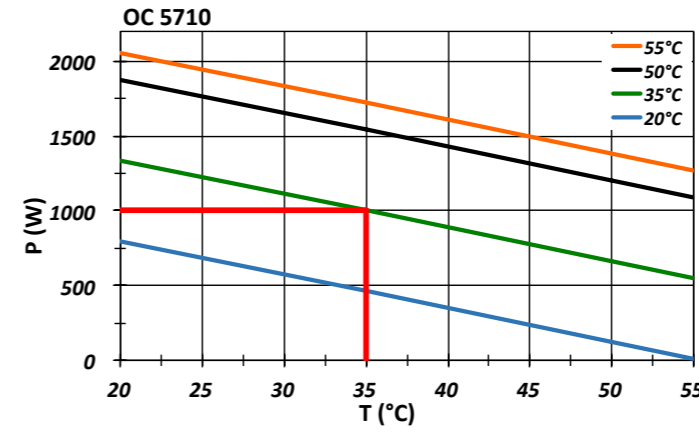
- Cooling capacities: 1 kW and 1.5 kW
- Suitable for most Outdoor applications without filter
- Stainless steel models comply to NEMA Type 4X
- Adjustable electronic controller with display (rear)
- All models fitted with condensate evaporation
- Virtually maintenance free
- Assembly parts, mounting template and condensation kit included



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)					
System air flow ambient / cabinet	320 / 375 m³/h			655 / 400 m³/h		
Unimpeded air flow ambient / cabinet	850 / 550 m³/h			1,200 / 550 m³/h		
Mounting	external					
Dimensions A x B x C	900 x 304 x 270 mm			1,150 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 A / 1.8 A	4.6 A / 5.1 A	9.6 A	2.9 A / 2.5 A
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 / 2.3 A	6.4 A	12.8 A	3.5 A / 3.1 A
Nominal power L35L35	550 W / 640 W	700 W	600 W / 700 W	800 W / 920 W	880 W	880 W / 1 kW
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 6 A (T)
Connection	Connection terminal block					
IP protection to IEC 60 529	IP 56					
Certification	CE, RoHs, cURus, cULus, Type 12, 3, 3R, 4, 4X					

Performance graphs



SoliTherm® Outdoor / Type 4X



OC 5720

- 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



Protection



External



Filterless

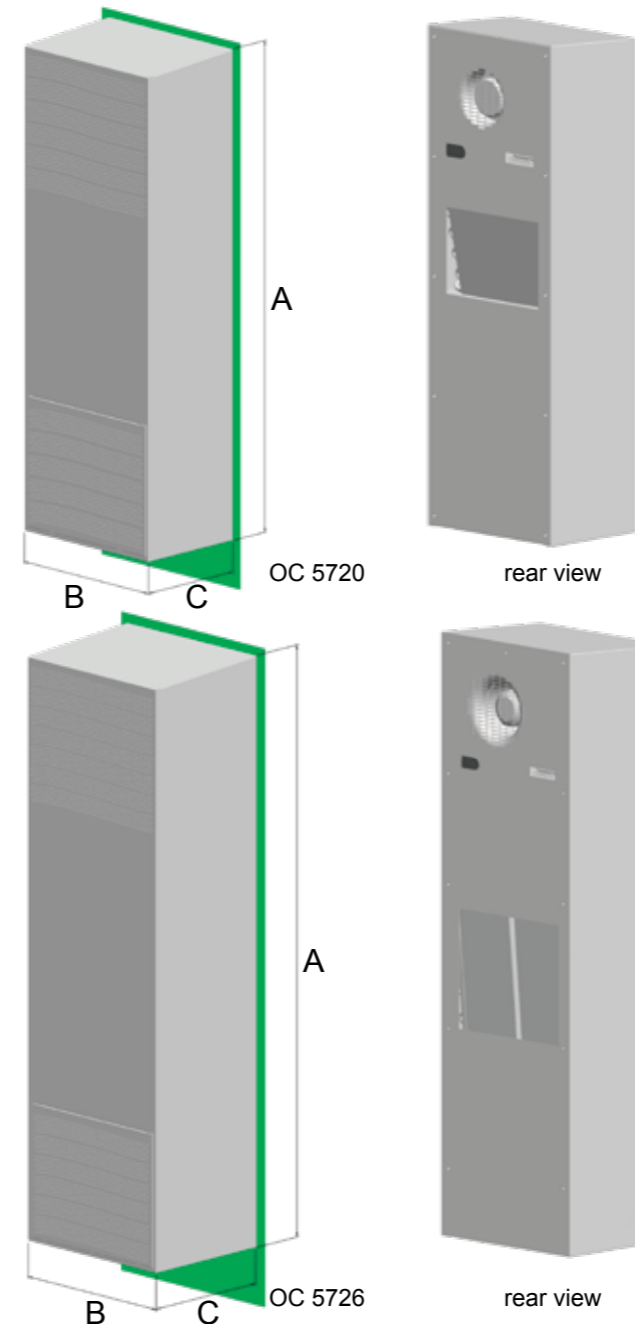
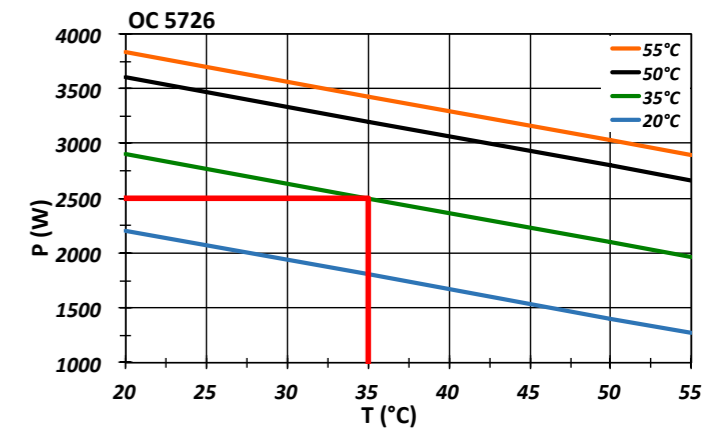
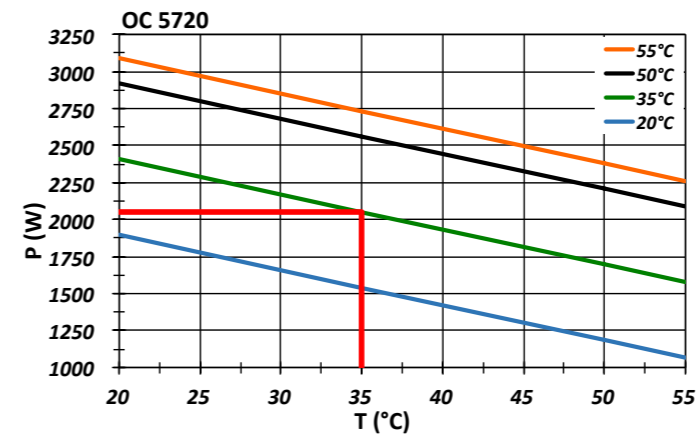


Maintenance free



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)					
System air flow ambient / cabinet	655 / 400 m³/h			765 / 950 m³/h		
Unimpeded air flow ambient / cabinet	1,200 / 850 m³/h			1,200 / 1,200 m³/h		
Mounting	external					
Dimensions A x B x C	1,150 x 395 x 270 mm			1,550 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 / 6.5 A	11.2 A	3.1 A / 2.7 A	4.4 A / 5.3 A	8.7 A	2.9 A / 2.6 A
Starting current	16 A	60 A	5.7 A / 6.4 A	22.5 A	45 A	6.1 A / 6.8 A
Max. current	7.9 A	15.8 A	3.6 A / 3.2 A	8.4 A	16.8 A	3.6 A / 3.2 A
Nominal power L35L35	1.17 kW / 1.41 kW	1.28 kW	1.26 kW / 1.35 kW	1.03 kW / 1.16 kW	970 W	940 W / 1.18 kW
Max. power	1.65 kW / 2.10 kW	1.75 kW	1.75 kW	1.30 kW / 1.64 kW	1.62 kW	1.30 kW / 1.64 kW
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, cULus, Type 12, 3, 3R, 4, 4X					

Performance graphs



SoliTherm® Outdoor / Type 4X



OC 5731

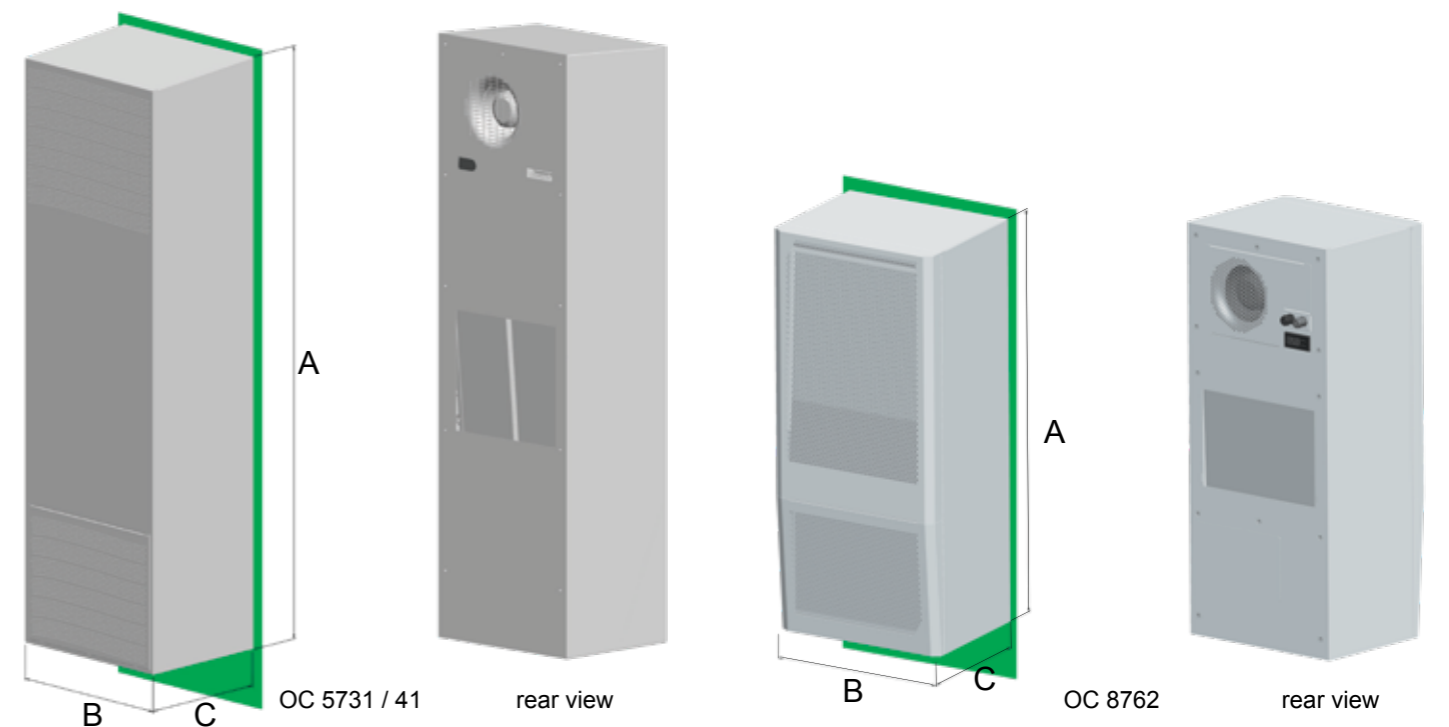
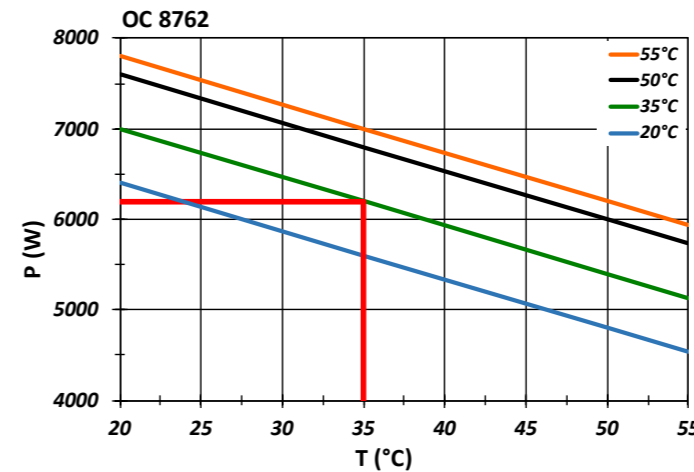
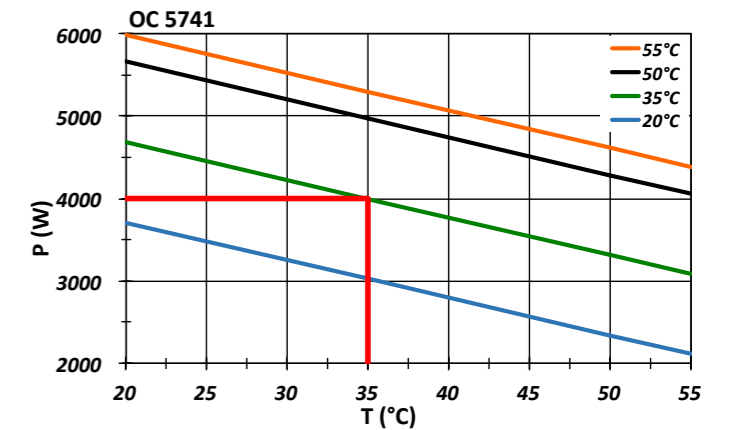
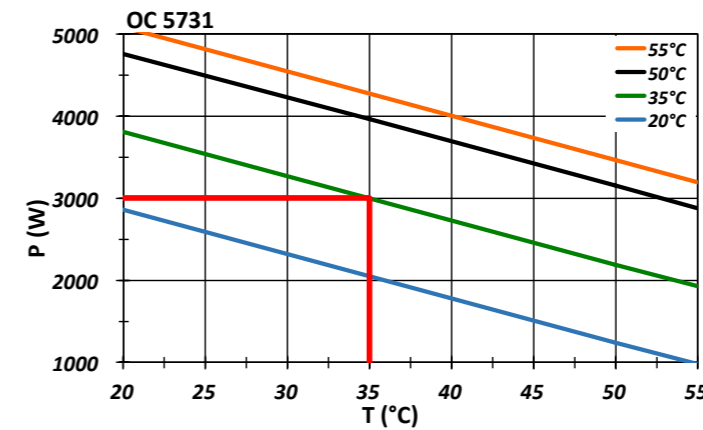
- Cooling capacities: 3 kW, 4 kW and 6 kW
- Suitable for most Outdoor applications without filter
- Stainless steel models comply to NEMA Type 4X
- Adjustable electronic controller with display (rear)
- All models fitted with condensate evaporation
- Virtually maintenance free
- Assembly parts, mounting template and condensation kit included



OC 5731, OC 5741, OC 8762

Type	OC 5731-230V	OC 5731-120V	OC 5731-400V	OC 5741-230V	OC 5741-400V	OC 8762-400V
Order number	573100001	573110001	573120001	574100001	574120001	876220001
Order number with cabinet heater	573101001	573111001	573121001	574101001	574121001	876221001
Order number with stainless steel	57(87)XXXX62 for stainless steel 304 (V2A) / 57(87)XXXX64 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	5.8 kW @ 50 Hz 6.2 kW @ 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	4.8 kW @ 50 Hz 5.4 kW @ 60 Hz	
Heating capacity (optional)	1,500 W			2,000 W		
Compressor type	Reciprocating compressor					Scroll compressor
Operating temperature range	-20°C - +55°C					
Setting range	+20°C - +55°C (cooling) / -20°C - +20°C (heating)					
System air flow ambient / cabinet	765 / 950 m³/h			990 / 950 m³/h		980 / 940 m³/h
Unimpeded air flow ambient / cabinet	1,200 / 1,200 m³/h			1,500 / 1,200 m³/h		1,400 / 1,200 m³/h
Mounting	external					
Dimensions A x B x C	1,550 x 457 x 355 mm					1135 x 455 x 390 mm
Housing material / colour	Mild steel, powder coated / RAL 7035					
Weight	75.3 kg	78 kg	77.2 kg	75.3 kg	72 kg	85 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~	400 / 460 V ~ 50/60 Hz 3~
Current L35L35	5.8 A / 7.4 A	15.3 A	2.1 A / 2.3 A	8.9 A / 10.2 A	2.9 A / 2.7 A	5.7 A / 6.0 A
Starting current	30 A	49 A	7.6 A / 8.1 A	50 A	8.2 A / 8.5 A	69 A
Max. current	9.9 A	18.4 A	3.3 A / 3.5 A	8.3 A	4.6 A / 4.4 A	8.7 A / 9.3 A
Nominal power L35L35	1.32 kW / 1.67 kW	1.37 kW	1.34 kW / 1.70 kW	1.88 kW / 2.31 kW	1.91 kW / 2.33 kW	2.9 kW / 4 kW
Max. power	1.65 kW / 2.20 kW	1.65 kW	1.66 kW / 2.10 kW	2.40 kW / 3.27 kW	2.43 kW / 3.30 kW	5.3 kW / 6.4 kW
Fuse rating	16 A (T)	20 A (T)	3 x 6 A (T)	16 A (T)	3 x 6 A (T)	3 x 18 A (T)
Connection	Connection terminal block					Plugable connectors
IP protection to IEC 60 529	IP 56					
Certification	CE, RoHS, cURus, cULus, Typ 12,3,3R,4, 4X					CE, RoHS

Performance graphs



SoliTherm® Peltier

Efficient enclosure cooling with Peltier technology



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 42



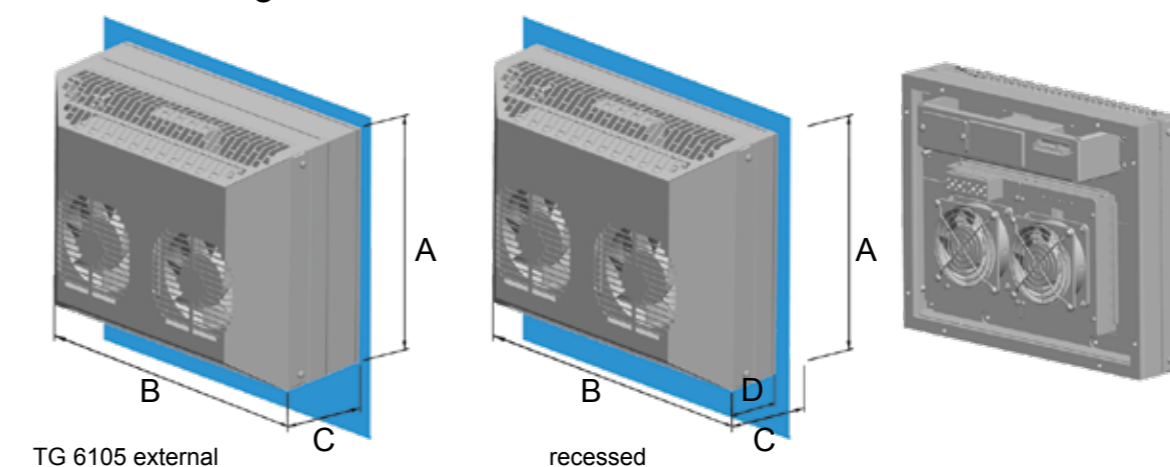
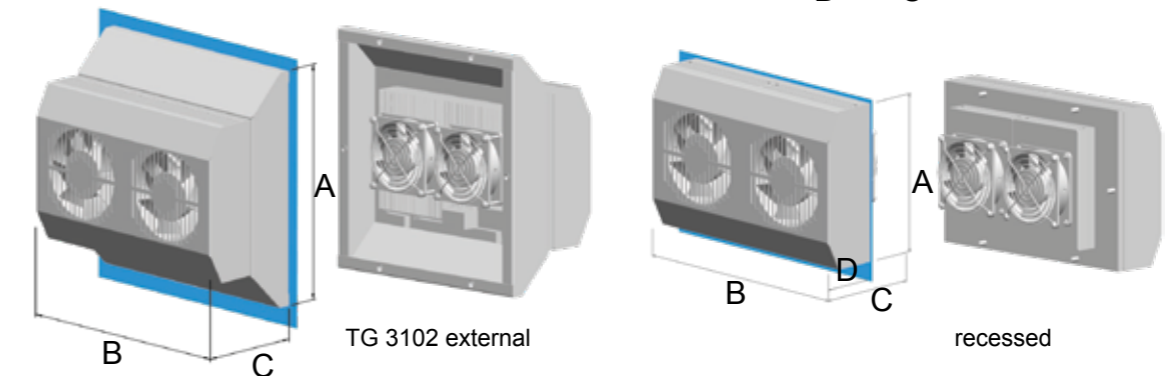
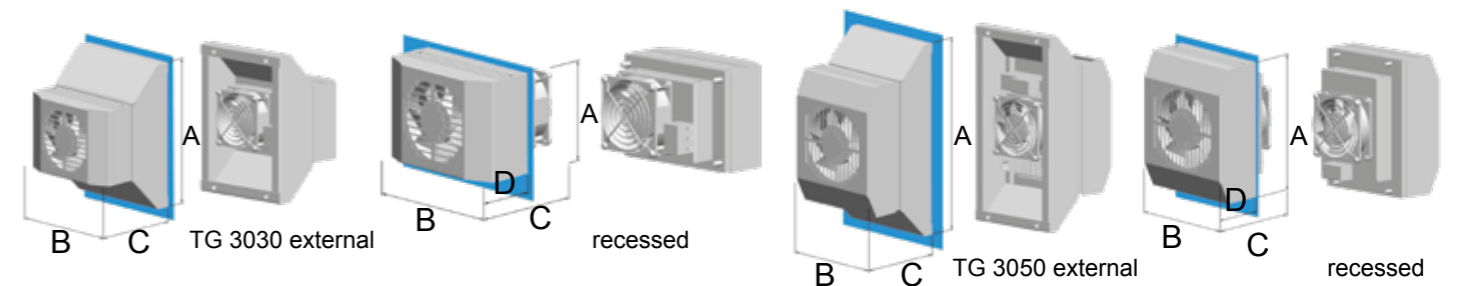
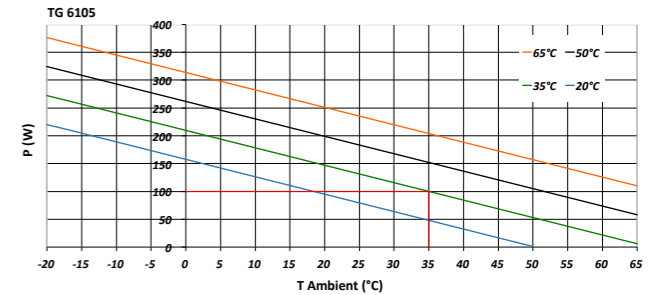
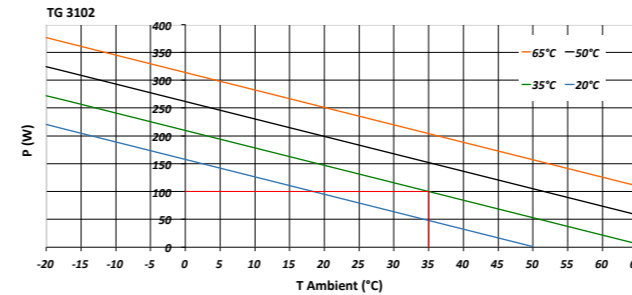
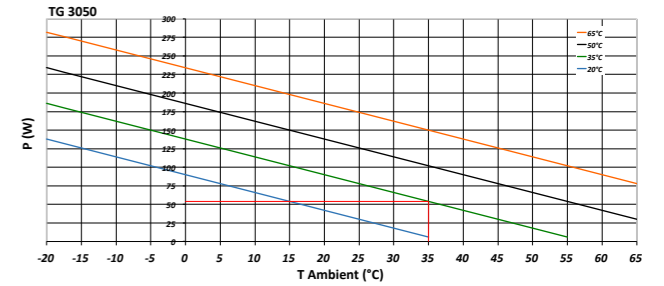
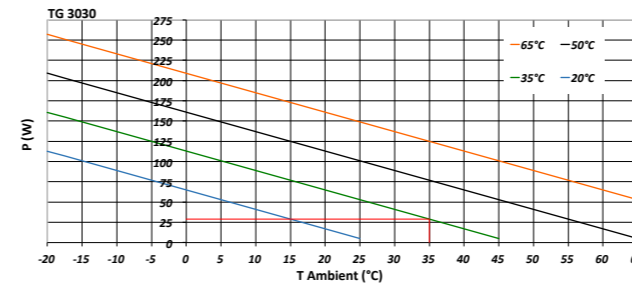
TG 3030, TG 3050, TG 3102, TG 6105

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)	
System air flow ambient / cabinet	39 / 20 m³/h	64 / 23 m³/h	128 / 46 m³/h	
Unimpeded air flow ambient / cabinet	75 / 62 m³/h	170 / 72 m³/h	213 / 90 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 183 (118) 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 183 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 ²⁾	24 V DC ²⁾	24 V DC ²⁾	120 - 230 V ~ 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, cURus			

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

²⁾ Use NEC class 2 supply

Performance graphs



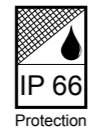
SoliTherm® Peltier

Efficient enclosure cooling with Peltier technology



TG 3152

- Cooling capacities: 150 W and 200 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 42

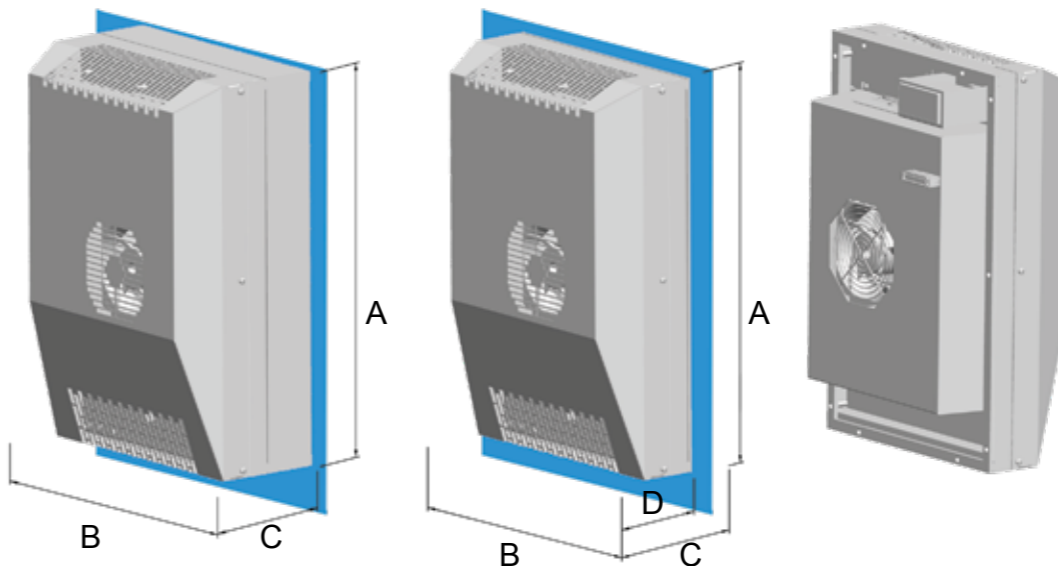
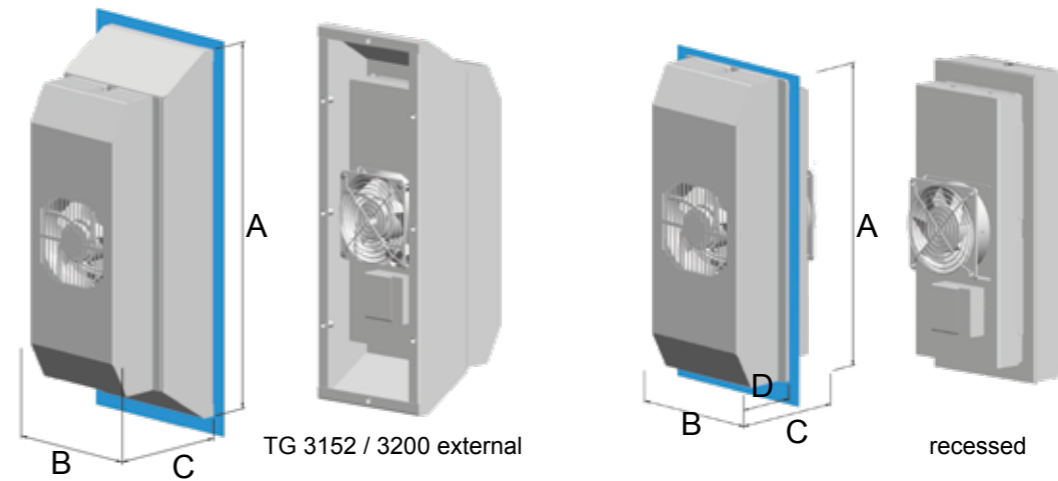
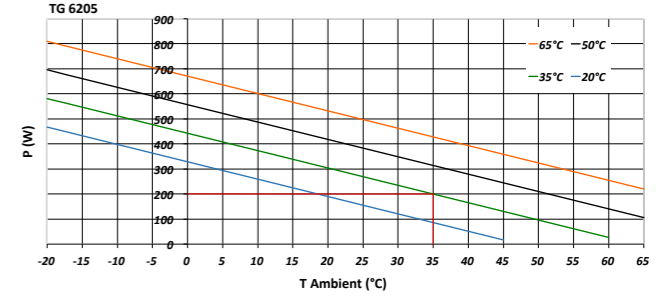
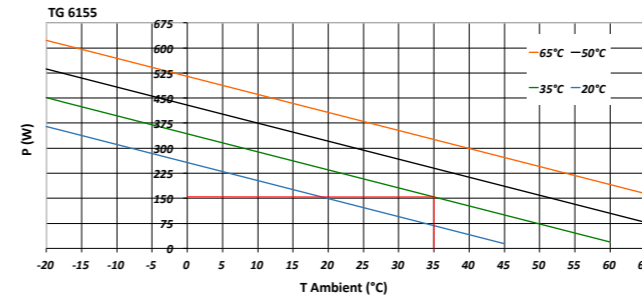
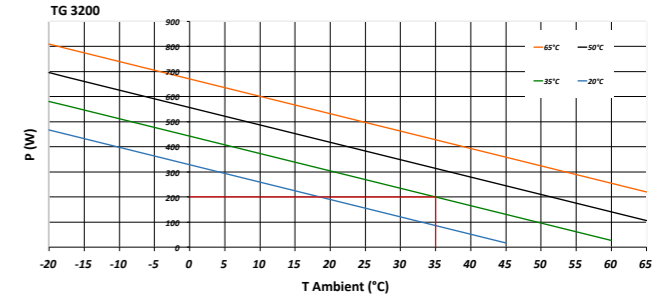
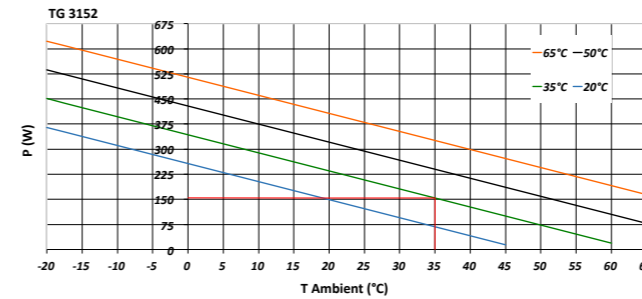


TG 3152, TG 3200, TG 6155, TG 6205						
Type	TG 3152	TG 3200	TG 6155	TG 6205	TG 3200	
Order number recessed	3152303	3200303	6155303	6205303	3200308	
Order number with frame	3152305	3200305	6155305	6205305	3200310	
Cooling capacity L35L35	150 W	200 W	150 W	200 W	250 W	
Operating temperature range	-20°C - +65°C					
Setting range	n. a.		+20°C - +50°C (cooling)		n. a.	
System air flow ambient / cabinet	120 / 60 m³/h	120 / 120 m³/h	120 / 60 m³/h	120 / 120 m³/h	120 / 120 m³/h	
Unimpeded air flow ambient / cabinet	260 / 170 m³/h	260 / 260 m³/h	260 / 170 m³/h	260 / 260 m³/h	260 / 260 m³/h	
Mounting	recessed / external (with frame)					
Dimensions A x B x C (D) recessed	400 x 180 x 171 (81) mm		500 x 330 x 209 (135) mm		400 x 180 x 171 (81) mm	
Dimensions A x B x C with frame	500 x 188 x 174 mm		500 x 330 x 209 mm		500 x 188 x 174 mm	
Housing material	Stainless steel 304 (V2A)					
Weight (recessed / with frame)	9 kg / 12.7 kg	10 kg / 13.7 kg	16.2 / 19 kg	17.2 / 20 kg	10 kg / 13.7 kg	
ELECTRICAL DATA						
Voltage / Frequency	24 V DC ²⁾	24 V DC ²⁾	120 - 230 V ~ 50/60 Hz			48 V DC ²⁾
Current L35L35	7 A	10.8 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	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	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	170 W		230 W	
Max. power	180 W	280 W	180 W		240 W	
Fuse rating	10 A (T)	16 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					

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

²⁾ Use NEC class 2 supply

Performance graphs



TG 6155 / 6205 external

recessed

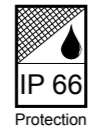
SoliTherm® Peltier

Efficient enclosure cooling with Peltier technology



KG 6405

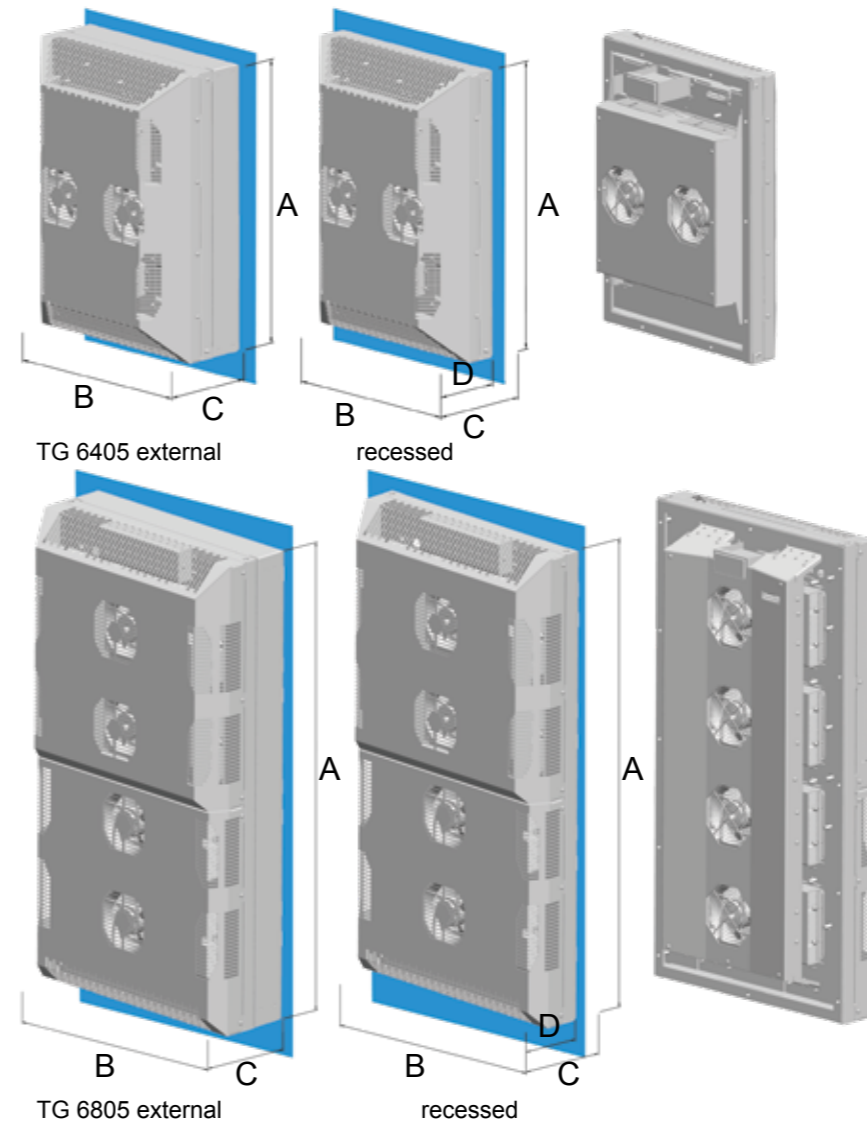
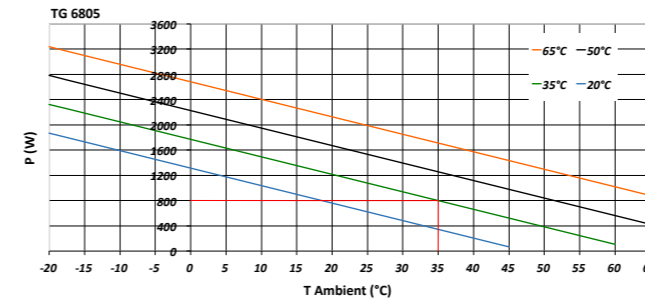
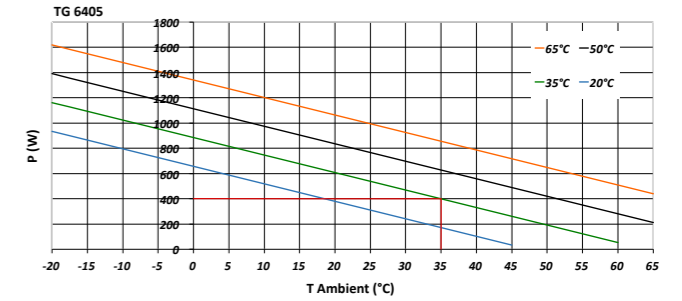
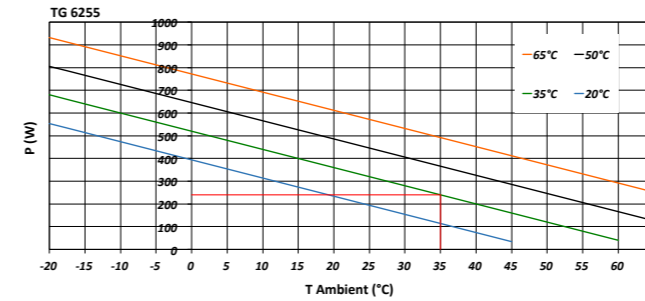
- Cooling capacities: 250 W, 400 W and 800 W
- AC and DC models available
- Suitable for Indoor and Outdoor applications
- Can be mounted in any position ¹⁾
- NEMA 4X rated
- Ingress protection rating of IP 66
- Virtually maintenance free
- For accessories please refer to page 42



TG 6405, TG 6805			
Type	TG 6405		TG 6805
Order number recessed	6405303		6805303
Order number with frame	6405305		6805305
Cooling capacity L35L35	400 W		800 W
Operating temperature range	-20°C - +65°C		
Setting range	+20°C - +50°C (cooling)		
System air flow ambient / cabinet	240 / 240 m³/h		480 / 480 m³/h
Unimpeded air flow ambient / cabinet	325 / 325 m³/h		650 / 650 m³/h
Mounting	recessed / external (with frame)		
Dimensions A x B x C (D) recessed	600 x 432 x 202 (140.5) mm		972 x 514 x 227 (140.5) mm
Dimensions A x B x C with frame	600 x 432 x 213 mm		972 x 514 x 227 mm
Housing material	Stainless steel 304 (V2A)		
Weight (recessed / with frame)	34 / 37 kg		66 / 70 kg
ELECTRICAL DATA			
Voltage / Frequency	120 - 230 V ~ 50/60 Hz		
Current L35L35	3.9 A @ 120 V	2.0 A @ 230 V	7.7 A @ 120 V
Starting current	5.8 A @ 120 V	3.0 A @ 230 V	11.6 A @ 120 V
Max. current	4.0 A @ 120 V	2.1 A @ 230 V	8.0 A @ 120 V
Nominal power L35L35	460 W		930 W
Max. power	480 W		960 W
Fuse rating	6 A (T)	4 A (T)	12 A (T)
Connection	Connection terminal block		
IP protection to IEC 60 529	IP 66		
Certification	CE, RoHS, cURus		

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

Performance graphs



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 / drain Kit (V2A) for TG 3030303 / 3050303	170 x 50 x 50	1001303	n. a.
Condensate tray / drain Kit (V2A) for TG 3152303 / 3200303	200 x 60 x 50	1002303	n. a.
Condensate tray / drain Kit (V2A) for TG 3102303 / 6155303 / 6205303 / 6255303	320 x 100 x 50	1003303	n. a.
Condensate tray / drain Kit (V2A) for TG 6105303 (for recessed mounting only)	360 x 110 x 50	1004303	n. a.
Condensate tray / drain Kit (V2A) for TG 6405303 (for recessed mounting only)	440 x 130 x 50	1005303	n. a.
Condensate tray / drain Kit (V2A) for TG 6805303 (for recessed mounting only)	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

Seifert Systems GmbH

Haßlinghauser Str. 156
58285 Gevelsberg

Germany

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

info.de@seifertsystems.com

Seifert Systems Ltd.

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

Malta

Tel. +356 2220 7000
Fax +356 2165 2009

info@seifertsystems.com

Seifert Systems AG

Wilerstraße 16
CH- 4563 Gerlafingen

Switzerland

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

info.ch@seifertsystems.com

Seifert Systems Inc.

75 Circuit Drive
North Kingstown
RI 02852
USA

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

info.us@seifertsystems.com

Seifert Systems 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



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