

Safe Enclosure Cooling Heat Exchangers

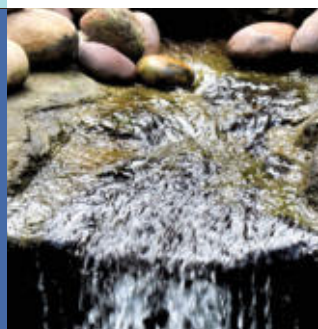
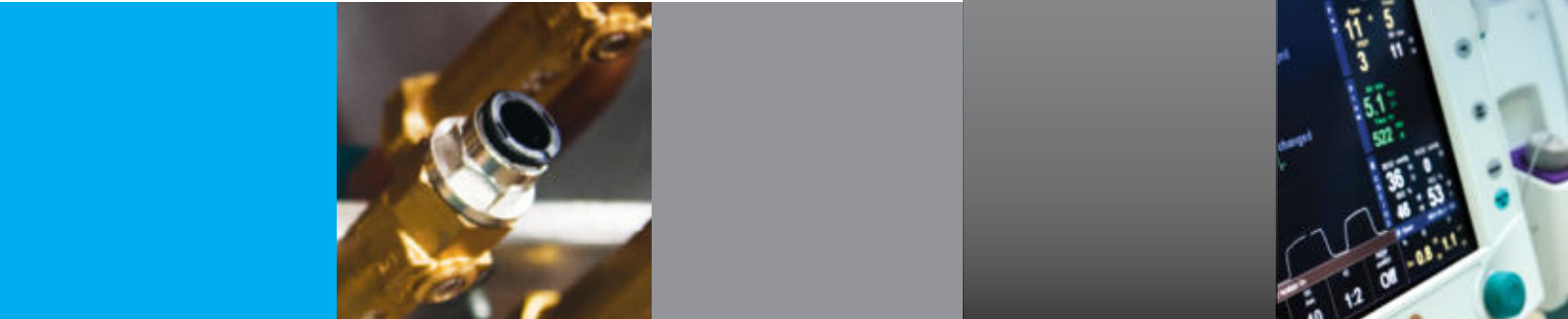


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Seifert Systems is certified to ISO 9001.2008 and ISO 14001.2004 standards



Type	Cooling Capacity	Voltage						Mounting	Dimensions	Page
	L35W10 (200/h)	230 V	120 V	400 V	460 V	24 V			(H x W x D) mm	
Air / Water Heat Exchangers										
RK 2300	350 W	•	•			•		Internal / External	303 x 153 x 84	5
RK 2114 A 400	650 W	•	•	•	•	•		External	400 x 212 x 80	6
RK 2114 B 400	650 W	•	•	•				Internal	400 x 212 x 80	6
RK 2114 A 632	700 W	•	•	•	•			Internal / External	632 x 212 x 80	7
RK 2114 A 891	1.2 kW	•	•	•	•			Internal / External	891 x 212 x 80	8
RK 2116	2.1 kW	•	•	•	•			Internal / External	891 x 212 x 105	9
RK 2125	2.5 kW	•	•	•	•			Internal / External	936 x 262 x 146.5	10
RK 2149	5.5 kW	•	•	•	•			External	1,400 x 460 x 242	11
RK 2176	7.5 kW			•	•			External	1,800 x 600 x 300	12
RK 2185	10 kW			•	•			External	1,800 x 600 x 300	13
RK 2124	2 kW	•	•					Top mounted	900 x 395 x 260	14
RK 2200	2.75 kW	•						Top mounted	230 x 600 x 500	15
RK 2192	1 kW	•	•					19" rack mount	2HE x 443 x 408	16
RK 2194	2 kW	•	•					19" rack mount	4HE x 443 x 505	17
RK 2197	2.1 kW	•	•					19" rack mount	4HE x 443 x 544	18
Air / Air Heat Exchangers										
LT 58007	7 W/K	•	•					External	508 x 196.5 x 152	20
LT 58014	14 W/K	•	•					External	749 x 254 x 151	21
LT 58032	32 W/K	•	•					External	750 x 254 x 151	22
LT 58043	43 W/K	•	•					External	1,194 x 254 x 151.3	23
LT 58065	65 W/K	•	•					External	914.4 x 460 x 173	24
LT 58100	100 W/K	•	•					External	914.4 x 460 x 218	25
LT 58180	180 W/K	•						External	1,524 x 609.6 x 356	25
Other Thermal Management products										26





Air / water heat exchangers | for safe cabinet cooling

Based on our extensive experience in the development and production of heat exchangers, we can offer today a complete range of air/water heat exchangers.

Reliable and environment friendly are the best ways to describe our air / water heat exchangers. Wherever a cold water connection is available and large amounts of heat inside the control cabinet need to be dissipated, air / water heat exchangers are the perfect choice.

A complete model range from 350 W up to 10 kW (L35W10) is available. With our modular system setup we can even reach performances of up to 40kW.

We have also placed a strong emphasis in standardising components, versions and sizes thus diminishing the need of large spare part stocks, complex training or long unit selection processes.

Our air / water heat exchangers are available for internal and external mounting, as well as for top mounting and 19" racks.

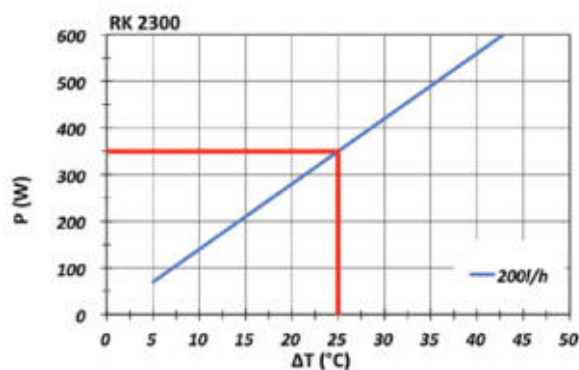
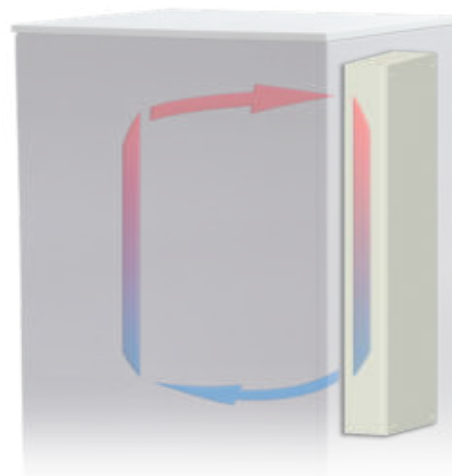
All air / water heat exchangers have a powder coated mild steel housing (RAL 7035). For applications where hygiene and corrosion protection are required, we also offer a stainless steel housing. For special application we can offer our heat exchangers with V4A stainless steel pipes for corrosive cooling liquids.





Air / Water Heat Exchanger

RK 2300			
Type	RK 2300 230 V	RK 2300 120 V	RK 2300 24 V
Order number	2300010	2300110	2300310
Stainless steel housing order number	2300012	2300112	2300312
	COOLING CAPACITY TO DIN 3168		
Cooling capacity L35W10 (200 l/h)	350 W		
Refrigerant	Water, light oils or similar		
Operating temp. range	1°C - 65°C		
Max. air flow	74 m³/h @ 50Hz 81 m³/h @ 60Hz	85 m³/h	70 m³/h
Dimensions (H x W x D)	303 x 153 x 84 mm		
Material housing	Mild steel, powder coated		
Colour	RAL 7035		
Weight	4.5 kg		
Max. working pressure water circuit	10 bar		
Water connection	1/2" - inside thread with 2 connectors for pipe internal diameter of 13 mm		
	ELECTRICAL DATA		
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	24 V DC
Rated current	0.35 A		0.78 A
Starting current	0.24 A		5 A
Power consumption	37 W		19 W
Fuse rating	4 A (T)		1 A (T)
Connection	Connection terminals		
Certification	CE, RoHS		



ΔT = Temperature difference between enclosure
air and coolant
P = Cooling Capacity



Protection
class



External



Internal

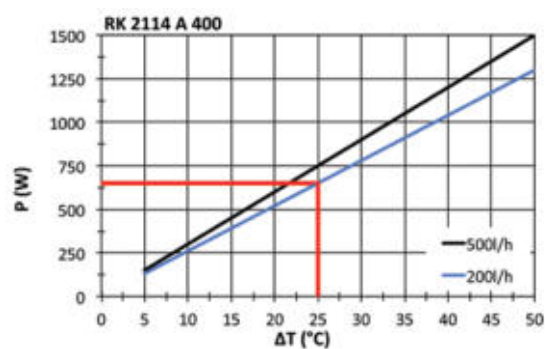
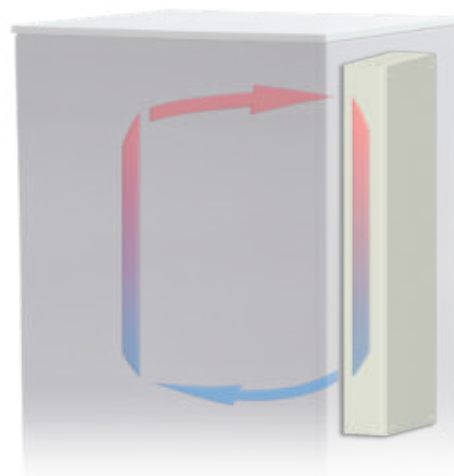


Maintenance
free



Air / Water Heat Exchanger

RK 2114 A400 / B400				
Type	RK 2114 A 400 230 V	RK 2114 A 400 120 V	RK 2114 A 400 400 V	RK 2114 A 400 24 V
Order number internal	2114003	2114103	2114203	2114303
Order number external	2114002	2114102	2114202	2114302
Stainless steel housing internal order number	21140032	21141032	21142032	21143032
	COOLING CAPACITY TO DIN 3168			
Cooling capacity L35W10 (200 l/h)	650 W			
Cooling capacity L35W10 (500 l/h)	750 W			
Refrigerant	Water, light oils or similar			
Operating temp. range	1°C - 72°C			
Max. air flow	180 m³/h @ 50Hz 200 m³/h @ 60Hz	180 m³/h	180 m³/h @ 50Hz 200 m³/h @ 60Hz	190 m³/h
Dimensions (H x W x D)	400 x 212 x 80 mm			
Material housing	Mild steel, powder coated			
Colour	RAL 7035			
Weight	4.5 kg			
Max. working pressure water circuit	10 bar			
Water connection	Rp 1/4" - inside thread with 2 connectors for pipe internal diameter of 10 mm			
	ELECTRICAL DATA			
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400 V - 50 Hz 3~ 460 V - 60 Hz 3~	24 V DC
Rated current	0.4 A	0.8 A	0.15 A	2.0 A
Starting current	1 A	2 A	0.6 A	6.8 A
Power consumption	75 W		90 W	50 W
Fuse rating	4 A (T)		3 x 1 A (T)	10 A (T)
Connection	3 m cable ready for connection			
Certification	CE, RoHS, cURus			



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Protection
class



External



Internal

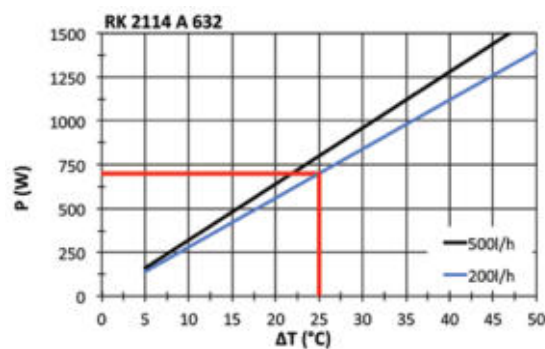
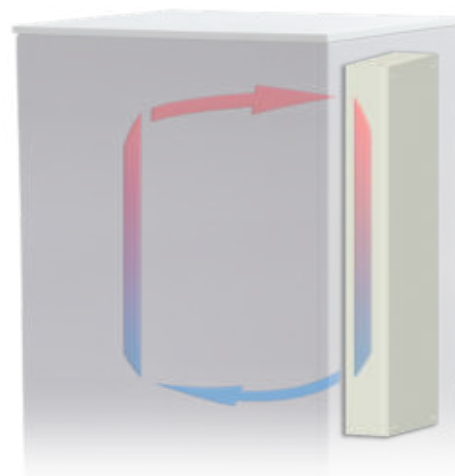


Maintenance
free



Air / Water Heat Exchanger

RK 2114 A632			
Type	RK 2114 A 632 230 V	RK 2114 A 632 120 V	RK 2114 A 632 400 V
Order number	2114014	2114114	2114214
Stainless steel housing order no.	21140142	21141142	21142142
With proportional waterflow regulator order number	2114004	2114104	2114204
	COOLING CAPACITY TO DIN 3168		
Cooling capacity L35W10 (200 l/h)	700 W @ 50 Hz		
Cooling capacity L35W10 (500 l/h)	800 W @ 50 Hz		
Refrigerant	Water, light oils or similar		
Operating temp. range	1°C - 72°C		
Max. air flow	180 m³/h @ 50Hz 200 m³/h @ 60Hz	180 m³/h	180 m³/h @ 50Hz 200 m³/h @ 60Hz
Dimensions (H x W x D)	632 x 212 x 80 mm		
Material housing	Mild steel, powder coated		
Colour	RAL 7035		
Weight	5.5 kg		
Max. working pressure water circuit	10 bar		
Water connection	Rp 1/4" - inside thread with 2 connectors for pipe internal diameter of 10 mm		
	ELECTRICAL DATA		
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400 V - 50 Hz 3~ 460 V - 60 Hz 3~
Rated current	0.4 A	0.8 A	0.15 A
Starting current	1A	2 A	0.6 A
Power consumption	80 W		90 W
Fuse rating	4 A (T)		3 x 1 A (T)
Connection	3 m cable ready for connection		
Certification	CE, RoHS, cURus		



ΔT = Temperature difference between enclosure
air and coolant
P = Cooling Capacity



Protection
class



External



Internal

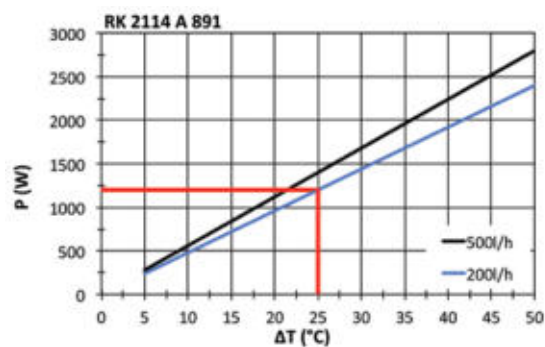
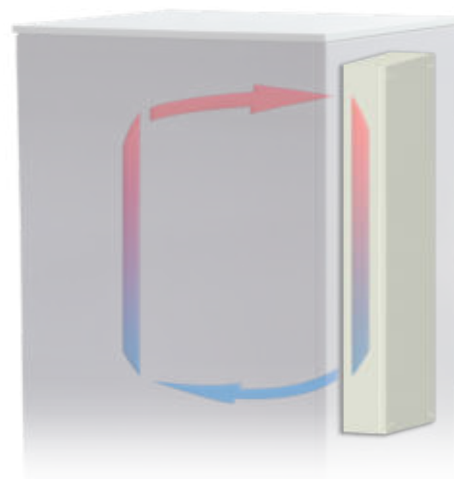


Maintenance
free



Air / Water Heat Exchanger

RK 2114 A891			
Type	RK 2114 A 891 230 V	RK 2114 A 891 120 V	RK 2114 A 891 400 V
Order number	2114010	2114110	2114210
Stainless steel housing order no.	21140102	21141102	21142102
With proportional waterflow regulator order number	2114000	2114100	2114200
	COOLING CAPACITY TO DIN 3168		
Cooling capacity L35W10 (200 l/h)	1.2 kW		
Cooling capacity L35W10 (500 l/h)	1.4 kW		
Refrigerant	Water, light oils or similar		
Operating temp. range	1°C - 72°C		
Max. air flow	180 m³/h @ 50 Hz 200 m³/h @ 60 Hz	180 m³/h	180 m³/h @ 50 Hz 200 m³/h @ 60 Hz
Dimensions (H x W x D)	891 x 212 x 80 mm		
Material housing	Mild steel, powder coated		
Colour	RAL 7035		
Weight	7 kg		
Max. working pressure water circuit	10 bar		
Water connection	Rp 1/4" - inside thread with 2 connectors for pipe internal diameter of 10 mm		
	ELECTRICAL DATA		
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400 V - 50 Hz 3~ 460 V - 60 Hz 3~
Rated current	0.4 A	0.8 A	0.15 A
Starting current	1 A	2 A	6 A
Power consumption	75 W		90 W
Fuse rating	4 A (T)		3 x 1 A (T)
Connection	3 m cable ready for connection		
Certification	CE, RoHS, cURus		



ΔT = Temperature difference between enclosure
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Protection
class



External



Internal



Airflow
distance

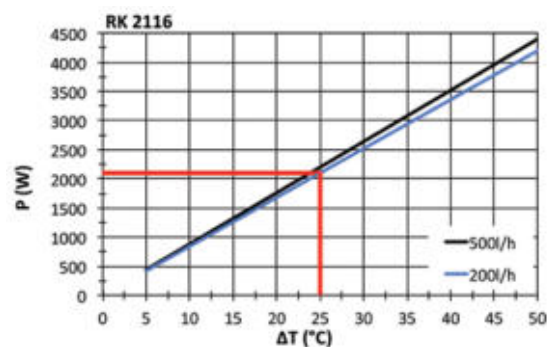


Maintenance
free



Air / Water Heat Exchanger

RK 2116			
Type	RK 2116 A 230 V	RK 2116 A 120 V	RK 2116 A 400 V
Order number	2116010	2116110	2116210
With proportional waterflow regulator order number	2116000	2116100	2116200
	COOLING CAPACITY TO DIN 3168		
Cooling capacity L35W10 (200 l/h)	2.10 kW @ 50Hz 2.25 kW @ 60Hz	2.10 kW	2.10 kW @ 50Hz 2.25 kW @ 60Hz
Cooling capacity L35W10 (500 l/h)	2.20 kW @ 50Hz 2.20 kW @ 60Hz	2.20 kW	2.20 kW @ 50Hz 2.20 kW @ 60Hz
Refrigerant	Water, light oils or similar		
Operating temp. range	1°C - 72°C		
Max. air flow	270 m³/h @ 50Hz 300 m³/h @ 60Hz	270 m³/h	270 m³/h @ 50Hz 300 m³/h @ 60Hz
Dimensions (H x W x D)	891 x 212 x 105 mm		
Material housing	Mild steel, powder coated		
Colour	RAL 7035		
Weight	11.5 kg		
Max. working pressure water circuit	10 bar		
Water connection	Rp 1/4" - inside thread with 2 connectors for pipe internal diameter of 10 mm		
	ELECTRICAL DATA		
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400 V - 50 Hz 3~ 460 V - 60 Hz 3~
Rated current	0.58 A	1.2 A	0.4 A
Starting current	1 A	2 A	0.8 A
Power consumption	80 W		
Fuse rating	4 A (T)		3 x 1 A (T)
Connection	3 m cable ready for connection		
Certification	CE, RoHS, cURus		



ΔT = Temperature difference between enclosure air and coolant
P = Cooling Capacity



Protection class



External



Internal



Airflow distance



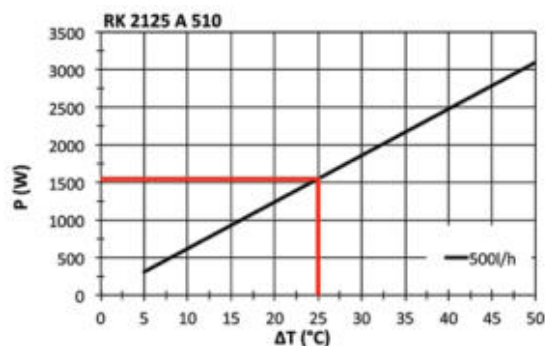
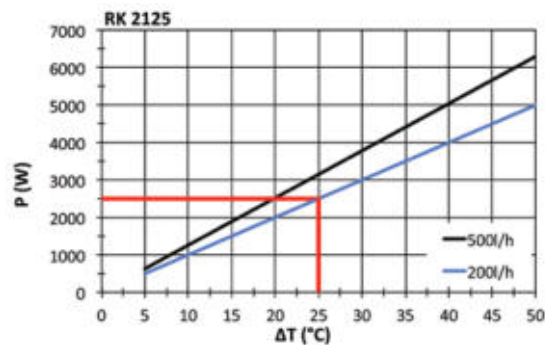
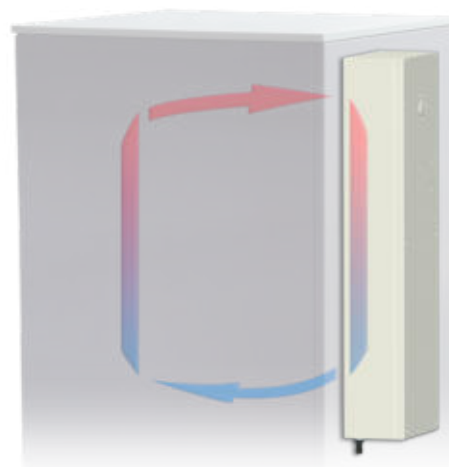
Maintenance free



Air / Water Heat Exchanger

RK 2125				
Type	RK 2125 A 230 V	RK 2125 A 120 V	RK 2125 A 400 V	RK 2125 510 230 V
Order number	2125010	2125110	2125210	2125510*)
With proportional waterflow regulator no.	2125000	2125100	2125200	-
	COOLING CAPACITY TO DIN 3168			
Cooling capacity L35W10 (200 l/h)	2.50 kW @ 50Hz 2.55 kW @ 60Hz	2.50 kW	2.50 kW @ 50Hz 2.55 kW @ 60Hz	-
Cooling capacity L35W10 (500 l/h)	3.15 kW @ 50Hz 3.25 kW @ 60Hz	3.15 kW	3.15 kW @ 50Hz 3.25 kW @ 60Hz	1.55 kW @ 50Hz 1.45 kW @ 60Hz
Refrigerant	Water, light oils or similar			
Operating temp. range	1°C - 72°C			
Max. air flow	500 m³/h @ 50Hz 530 m³/h @ 60Hz	500 m³/h	500 m³/h @ 50Hz 530 m³/h @ 60Hz	350 m³/h @ 50Hz 340 m³/h @ 60Hz
Dimensions (H x W x D)	936 x 262 x 146.5 mm			
Material housing	Mild steel, powder coated			
Colour	RAL 7035			
Weight	18 kg			
Max. working pressure water circuit	10 bar			
Water connection	Rp 1/4" - inside thread with 2 connectors for pipe internal diameter of 10 mm			
	ELECTRICAL DATA			
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400 V - 50 Hz 3~ 460 V - 60 Hz 3~	230 V ~ 50/60 Hz
Rated current	0.7 A / 0.9 A	1.7 A	0.27 A / 0.33 A	0.9 A
Starting current	1.2 A / 1.3 A	3 A	0.54 A / 0.66 A	1.3 A
Power consumption	200 W		150 W / 235 W	200 W
Fuse rating	5 A (T)		3 x 3 A (T)	3 A (T)
Connection	3 m cable ready for connection			
Certification	CE, RoHS			

Note: ^{*)} Heat exchange pipes made of stainless steel V4A / AISI 316



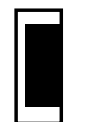
ΔT = Temperature difference between enclosure
air and coolant
P = Cooling Capacity



Protection



External



Internal



Airflow

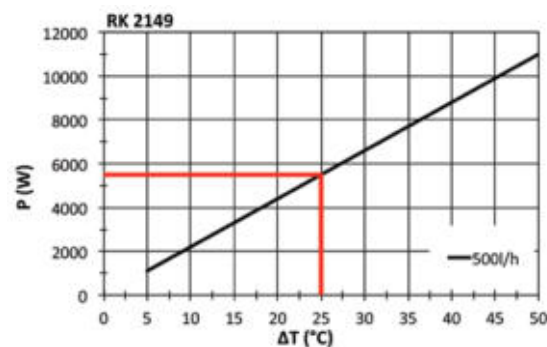
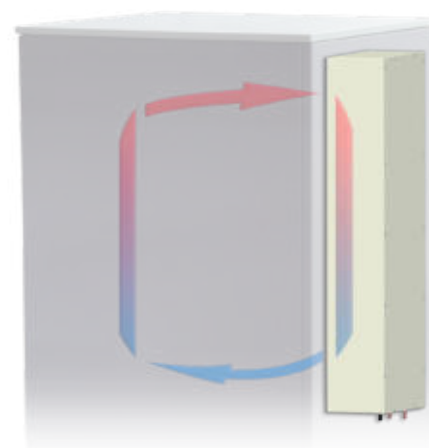


Maintenance
free



Air / Water Heat Exchanger

RK 2149			
Type	RK 2149 A 230 V	RK 2149 A 120 V	RK 2149 A 400 V
Order number	2149010	2149110	2149210
With waterflow regulator (magnetic valve) order number	2149000	2149100	2149200
	COOLING CAPACITY TO DIN 3168		
Cooling capacity L35W10 (500 l/h)	5.5 kW @ 50Hz 5.6 kW @ 60Hz	5.6 kW	5.5 kW @ 50Hz 5.6 kW @ 60Hz
Refrigerant	Water, light oils or similar		
Operating temp. range	1°C - 72°C		
Max. air flow	910 m³/h @ 50Hz 980 m³/h @ 60Hz	910 m³/h	910 m³/h @ 50Hz 980 m³/h @ 60Hz
Dimensions (H x W x D)	1,400 x 460 x 242 mm		
Material housing	Mild steel, powder coated		
Colour	RAL 7035		
Weight	33 kg		
Max. working pressure water circuit	10 bar		
Water connection	1/2" - inside thread with 2 connectors for pipe internal diameter of 13 mm		
	ELECTRICAL DATA		
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	400 V - 50 Hz 3~ 460 V - 60 Hz 3~
Rated current	1 A / 1.3 A	2.6 A	0.35 A / 0.45 A
Starting current	2 A / 2.6 A	5 A	0.7 A / 0.9 A
Power consumption	210 W / 285 W	300 W	200 W / 270 W
Fuse rating	4 A (T)	6 A (T)	3 x 2 A (T)
Connection	Terminals		
Certification	CE, RoHS		



ΔT = Temperature difference between enclosure
air and coolant
P = Cooling Capacity



Protection
class



External



Airflow
distance

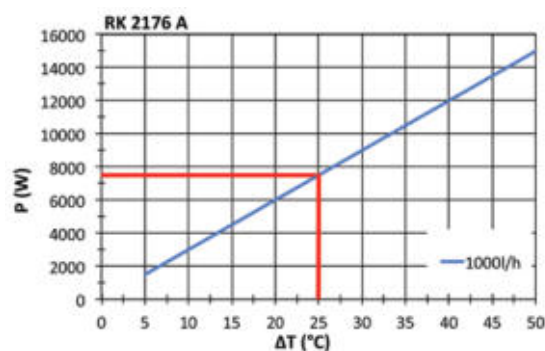


Maintenance
free



Air / Water Heat Exchanger

RK 2176		
Type	RK 2176 230 V	RK 2176 400 V
Order number	21760001	21762001
	COOLING CAPACITY TO DIN 3168	
Cooling capacity L35W10 (1,000 l/h)	7.5 kW	
Refrigerant	Water, light oils or similar	
Operating temp. range	1°C - 72°C	
Max. air flow	1,800 m³/h	
Dimensions (H x W x D)	1,800 x 600 x 300 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Water flow	1,000 ltr / h	
Max. working pressure water circuit	10 bar	
Water connection	1/2" - inside thread with 2 connectors for pipe internal diameter of 13mm	
	ELECTRICAL DATA	
Voltage / frequency	230 V ~ 50/60 Hz	400 V - 50 Hz 3~ 460 V - 60 Hz 3~
Rated power consumption	300 W	
Connection	3 m cable ready for connection	
Certification	CE, RoHS	



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Protection class



External



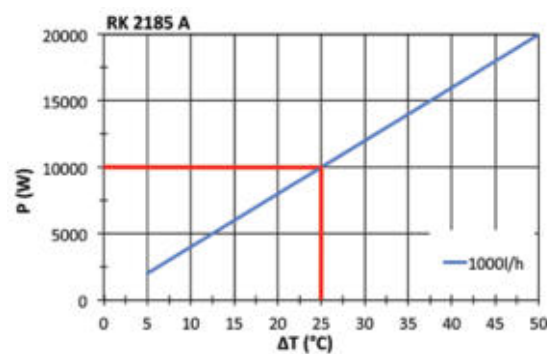
Airflow distance



Maintenance free

Air / Water Heat Exchanger

RK 2185		
Type	RK 2185 230 V	RK 2185 400 V
Order number	21850001	21852001
	COOLING CAPACITY TO DIN 3168	
Cooling capacity L35W10 (1,000 l/h)	10 kW	
Refrigerant	Water, light oils or similar	
Operating temp. range	+1°C - +60°C	
Max. air flow	2,500 m³/h	
Dimensions (H x W x D)	1,800 x 600 x 300 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Water flow	1,000 ltr / h	
Max. working pressure water circuit	10 bar	
Water connection	1/2" - inside thread with 2 connectors for pipe internal diameter of 13mm	
	ELECTRICAL DATA	
Voltage / frequency	230 V ~ 50/60 Hz	400 V - 50 Hz 3~ 460 V - 60 Hz 3~
Rated power consumption	400 W	
Connection	3 m cable ready for connection	
Certification	CE, RoHS	



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Protection class



External



Airflow distance



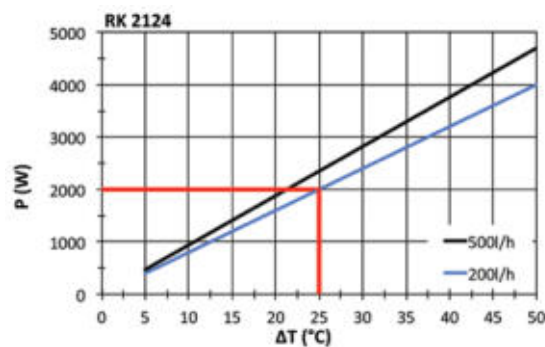
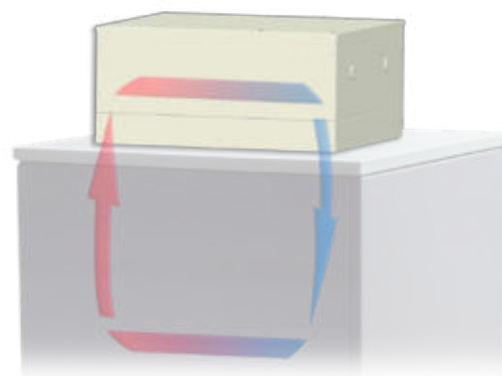
Maintenance free



Air / Water Heat Exchanger

RK 2124

Type	RK 2124 230 V	RK 2124 120 V
With proportional waterflow regulator order number	2124000	2124100
	COOLING CAPACITY TO DIN 3168	
Cooling capacity L35W10 (200 l/h)	2.00 kW	
Cooling capacity L35W10 (500 l/h)	2.35 kW	
Refrigerant	Water, light oils or similar	
Operating temp. range	1°C - 72°C	
Max. air flow	450 m³/h	
Dimensions (H x W x D)	280 x 360 x 600 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Weight	25 kg	
Max. working pressure water circuit	10 bar	
Water connection	Rp 1/4" - inside thread with 2 connectors for pipe internal diameter of 10 mm	
	ELECTRICAL DATA	
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz
Rated current	0.9 A	1.6 A
Starting current	3 A	6 A
Rated power consumption	190 W	
Fuse rating	4 A (T)	6 A (T)
Connection	3 m cable ready for connection	
Certification	CE, RoHS, cURus	



ΔT = Temperature difference between enclosure air and coolant
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Protection class



Top



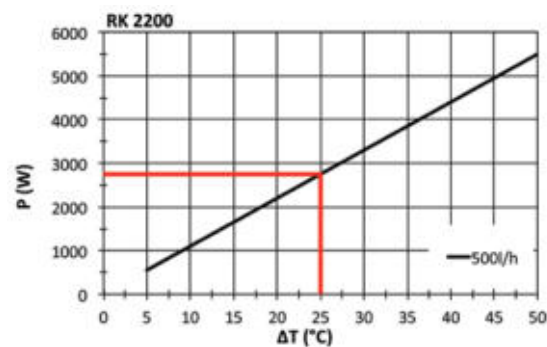
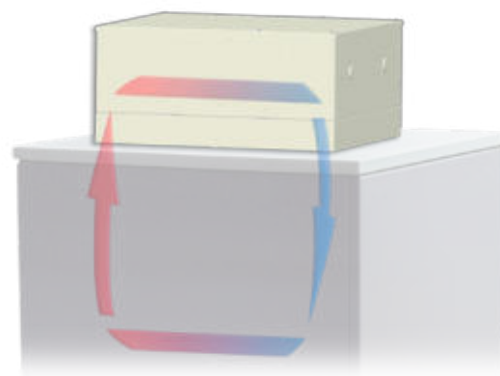
Maintenance free





Air / Water Heat Exchanger

RK 2200	
Type	RK 2200
With proportional waterflow regulator order number	2200000
COOLING CAPACITY TO DIN 3168	
Cooling capacity L35W10 (200 l/h)	-
Cooling capacity L35W10 (500 l/h)	2.75 kW
Refrigerant	Water, light oils or similar
Operating temp. range	1°C - 72°C
Max. air flow	640 m³/h
Dimensions (H x W x D)	230 x 600 x 500 mm
Material housing	Mild steel, powder coated
Colour	RAL 7035
Weight	20 kg
Max. working pressure water circuit	10 bar
Water connection	Rp 1/4" - inside thread with 2 connectors for pipe internal diameter of 10 mm
ELECTRICAL DATA	
Voltage / frequency	230 V ~ 50/60 Hz
Rated current	0.75 A
Starting current	2.3 A
Rated power consumption	160 W
Fuse rating	2 A (T)
Connection	Connection terminals
Certification	CE, RoHS, cURus



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Protection class



Top

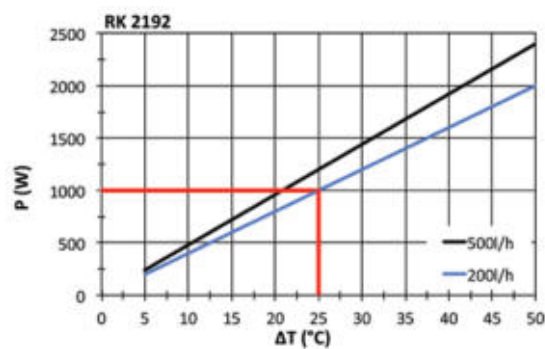


Maintenance free



Air / Water Heat Exchanger

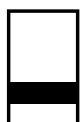
RK 2192		
Type	RK 2192 230 V	RK 2192 120 V
With waterflow regulator (magnetivc valve) order number	2192000	2192100
	COOLING CAPACITY TO DIN 3168	
Cooling capacity L35W10 (200 l/h)	1.0 kW	
Cooling capacity L35W10 (500 l/h)	1.2 kW	
Refrigerant	Water, light oils or similar	
Operating temp. range	1°C - 72°C	
Max. air flow	180 m³/h	
Dimensions (H x W x D)	2HE x 443 x 408 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Weight	13 kg	
Max. working pressure water circuit	10 bar	
Water connection	Rp 1/4" - inside thread with 2 connectors for pipe internal diameter of 10 mm , OUTLET (female) & INLET (male) flexible tube for RK/LW 1/4" thread, 510 mm length	
	ELECTRICAL DATA	
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz
Rated current	0.4 A	0.8 A
Starting current	1 A	2 A
Power consumption	90 W	
Fuse rating	4 A (T)	
Connection	Plug	
Certification	CE, RoHS	



ΔT = Temperature difference between enclosure
air and coolant
P = Cooling Capacity



Protection
class



19" rack
mount



Maintenance
free



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ЭйБиЭн

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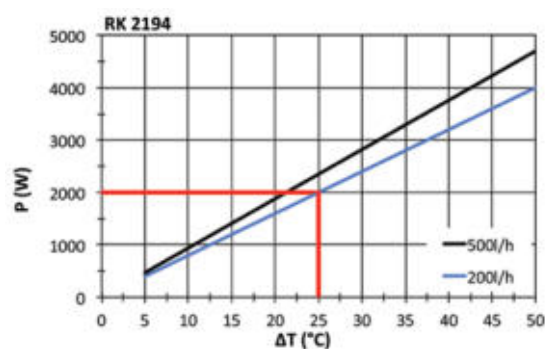
<https://www.abn.by>

info@abn.by



Air / Water Heat Exchanger

RK 2194		
Type	RK 2194 230 V	RK 2194 120 V
With proportional waterflow regulator order number	2194000	2194100
	COOLING CAPACITY TO DIN 3168	
Cooling capacity L35W10 (200 l/h)	2.00 kW @ 50 Hz 2.05 kW @ 60 Hz	2.00 kW
Cooling capacity L35W10 (500 l/h))	2.35 kW @ 50 Hz 2.40 kW @ 60 Hz	2.35 kW
Refrigerant	Water, light oils or similar	
Operating temp. range	1°C - 72°C	
Max. air flow	360 m³/h @ 50 Hz 370 m³/h @ 60 Hz	360 m³/h
Dimensions (H x W x D)	4HE x 443 x 505 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Weight	16.5 kg	
Max. working pressure water circuit	10 bar	
Water connection	Rp 1/4" - inside thread with 2 connectors for pipe internal diameter of 10 mm , OUTLET (female) & INLET (male) flexible tube for RK/LW 1/4" thread, 510 mm length	
	ELECTRICAL DATA	
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz
Rated current	0.45 A	1.3 A
Starting current	2.5 A	4 A
Power consumption	100 W	150 W
Fuse rating	4 A (T)	
Connection	Plug	
Certification	CE, RoHS	



ΔT = Temperature difference between enclosure
air and coolant
P = Cooling Capacity



Protection
class



19" rack
mount

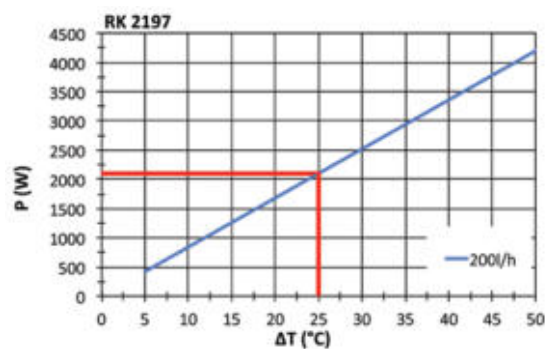
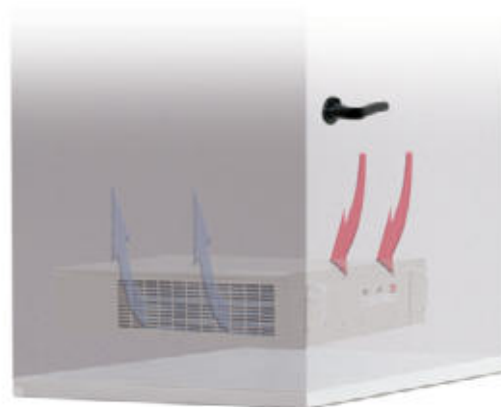


Maintenance
free



Air / Water Heat Exchanger

RK 2197		
Type	RK 2197 230 V	RK 2197 120 V
With proportional waterflow regulator order number	2197000	2197100
	COOLING CAPACITY TO DIN 3168	
Cooling capacity L35W10 (200 l/h)	2.10 kW @ 50 Hz 2.45 kW @ 60 Hz	2.45 kW
Refrigerant	Water, light oils or similar	
Operating temp. range	1°C - 72°C	
Max. air flow	300 m³/h @ 50 Hz 340 m³/h @ 60 Hz	340 m³/h
Dimensions (H x W x D)	4HE x 443 x 544 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Weight	16.9 kg	
Max. working pressure water circuit	10 bar	
Water connection	Rp 1/4" - inside thread with 2 connectors for pipe internal diameter of 10 mm	
	ELECTRICAL DATA	
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz
Rated current	0.6 A	1.2 A
Starting current	2 A	4 A
Power consumption	75 W	
Fuse rating	4 A (T)	
Connection	Plug	
Certification	CE, RoHS	



ΔT = Temperature difference between enclosure
air and coolant
 P = Cooling Capacity



Protection
class



19" rack
mount



Maintenance
free



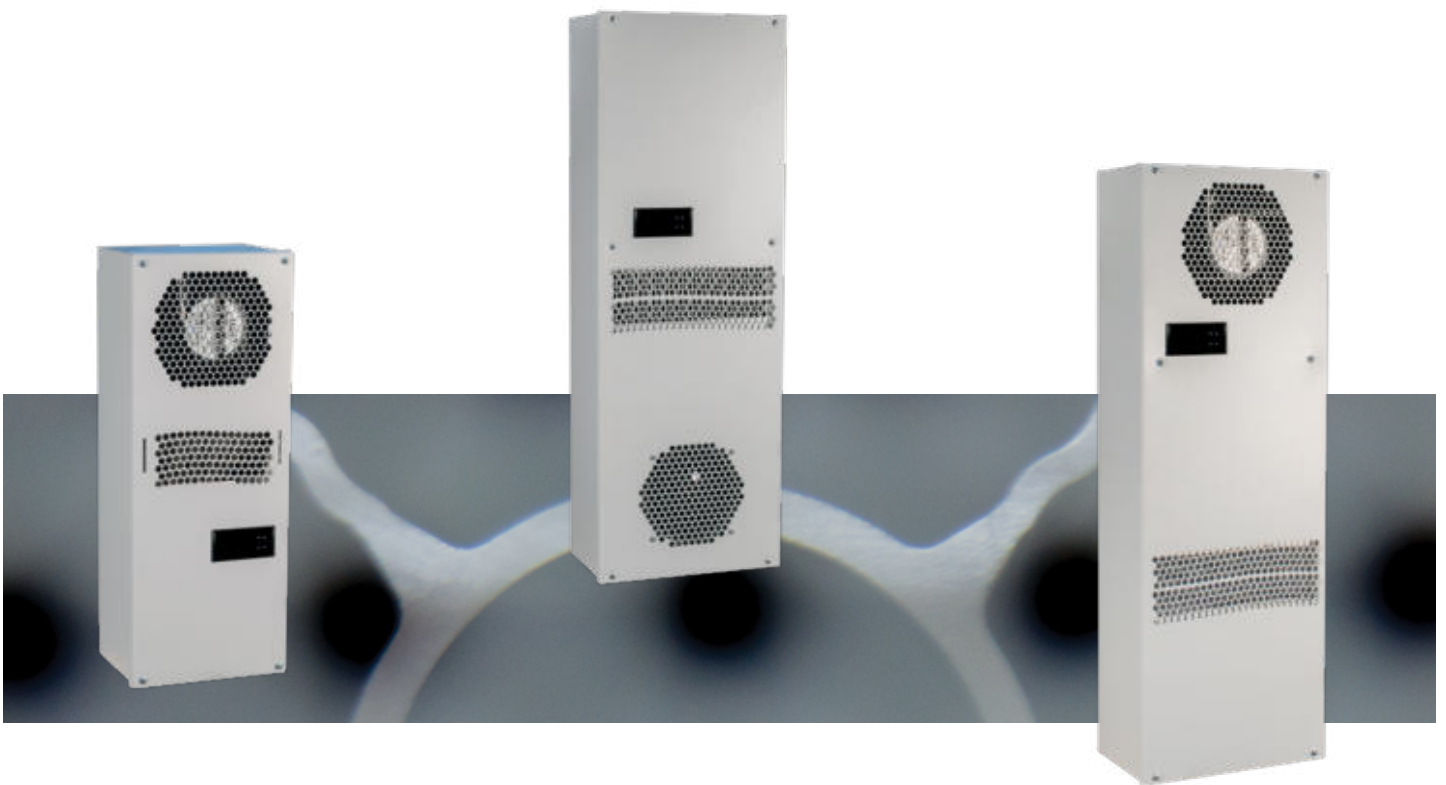
Air / air heat exchangers | [efficient and safe cabinet cooling](#)

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 in thermal dissipation and has the most compact footprint in the industry.

They comply with most of the NEMA and IP requirements. Our air / air heat exchangers are designed to meet all telecommunications specifications.

Reliability and user friendliness are the best ways to describe the electronic controller being used in our heat exchangers. The display indicates temperature and operating status and can be easily set and adjusted by the user via a Touch Pad.

Our customers can also opt for ultimate corrosion protection and achromatised surfaces. The function of these heat exchangers is quite simple. The heat exchanger core transfers the heat from the internal circuit to the ambient circuit through an aluminium surface, so there is no direct contact or mix between internal and external air.





Air / Air Heat Exchanger

LT 58007

Type	LT 58007 230 V	LT 58007 120 V
Order number	580070001	580071001
Stainless steel housing order no.	58007002	58007102
Heat exchanger performance	7 W/K	
Operating temp. range	-5°C - 55°C	
Dimensions (H x W x D)	508 x 196.5 x 152 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Weight	7.5 kg	
	ELECTRICAL DATA	
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz
Starting current	1.3 A	
Maximum current	0.65 A	1.1 A
Power consumption	65 W	
Fuse rating	1 A (T)	1.6 A (T)
Connection	8 pin connector	
Certification	CE, RoHS, cURus	



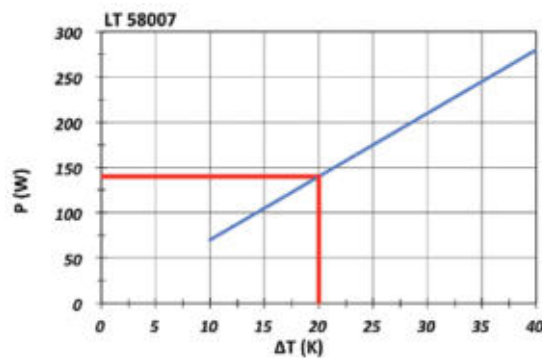
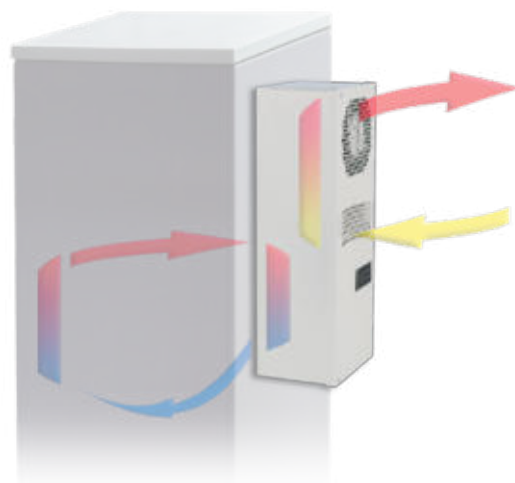
Protection
class



External



Maintenance
free

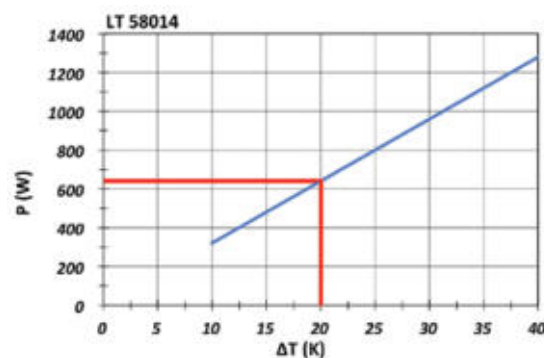


ΔT = Temperature difference between enclosure air
and ambient temperature
P = Heat exchanger performance



Air / Air Heat Exchanger

LT 58014		
Type	LT 58014 230 V	LT 58014 120 V
Order number	580140001	580141001
Stainless steel housing order no.	58014002	58014102
Heat exchanger performance	14 W/K	
Operating temp. range	-5°C - 55°C	
Dimensions (H x W x D)	749 x 254 x 151 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Weight	11 kg	
	ELECTRICAL DATA	
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz
Starting current	1.3 A	
Maximum current	0.65 A	1.1 A
Power consumption	120 W	
Fuse rating	1 A (T)	1.6 A (T)
Connection	8 pin connector	
Certification	CE, RoHS, cURus	



ΔT = Temperature difference between enclosure air and ambient temperature
P = Heat exchanger performance



Protection class



External



Airflow distance

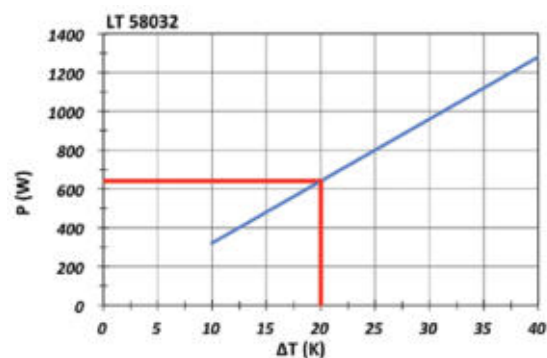
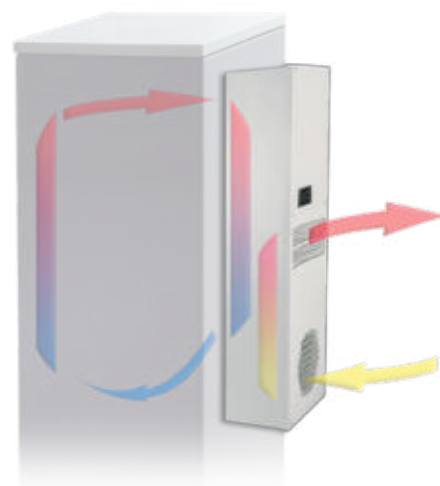


Maintenance free

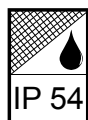


Air / Air Heat Exchanger

LT 58032		
Type	LT 58032 230 V	LT 58032 120 V
Order number	580320001	580321001
Stainless steel housing order no.	58032002	58032102
Heat exchanger performance	32 W/K	
Operating temp. range	-5°C - 55°C	
Dimensions (H x W x D)	750 x 254 x 151 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Weight	12 kg	
	ELECTRICAL DATA	
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz
Starting current	1.6 A	
Maximum current	0.65 A	1.4 A
Power consumption	150 W	
Fuse rating	1 A (T)	3 A (T)
Connection	8 pin connector	
Certification	CE, RoHS, cURus	



ΔT = Temperature difference between enclosure air and ambient temperature
 P = Heat exchanger performance



Protection class



External

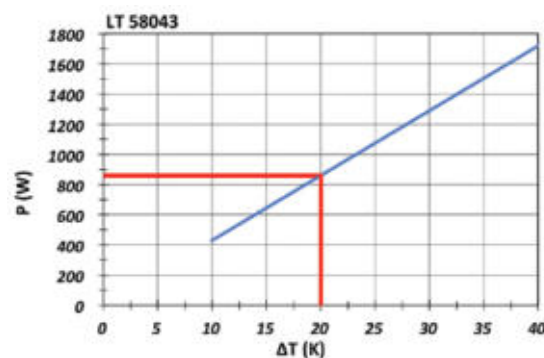
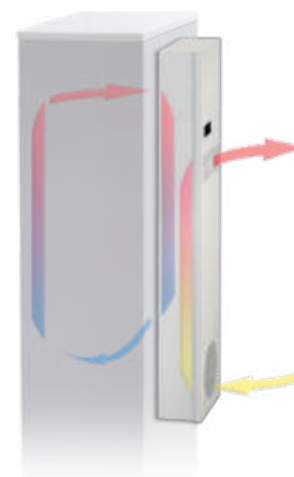


Maintenance free



Air / Air Heat Exchanger

LT 58043		
Type	LT 58043 230 V	LT 58043 120 V
Order number	580430001	580431001
Stainless steel housing order no.	58043002	58043102
Heat exchanger performance	43 W/K	
Operating temp. range	-5°C - 55°C	
Dimensions (H x W x D)	1,194 x 254 x 151.3 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Weight	16.7 kg	
	ELECTRICAL DATA	
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz
Starting current	2 A	2.2 A
Maximum current	0.9 A	1.8 A
Power consumption	195 W	
Fuse rating	1.6 A (T)	3 A (T)
Connection	8 pin connector	
Certification	CE, RoHS, cURus	



ΔT = Temperature difference between enclosure air and ambient temperature
P = Heat exchanger performance



Protection class



External



Airflow distance

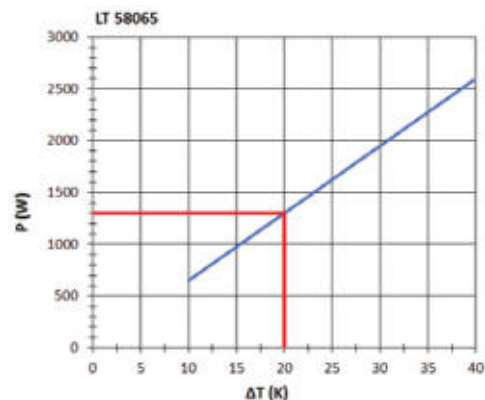


Maintenance free



Air / Air Heat Exchanger

LT 58065		
Type	LT 58065 230 V	LT 58065 120 V
Order number	580650001	580651001
Stainless steel housing order no.	58065002	58065102
Heat exchanger performance	65 W/K	
Operating temp. range	-40°C - +65°C	
Dimensions (H x W x D)	914.4 x 460 x 173 mm	
Material housing	Mild steel, powder coated	
Colour	RAL 7035	
Weight	16.7 kg	
	ELECTRICAL DATA	
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz
Starting current	0.8 A	1.6 A
Maximum current	0.6 A	1.2 A
Power consumption	180 W	
Fuse rating	1.2 A (T)	2.4 A (T)
Connection	Connecting cable 2 m	
Certification	CE, RoHS	



ΔT = Temperature difference between enclosure air and ambient temperature
 P = Heat exchanger performance



Protection class



External



Airflow distance



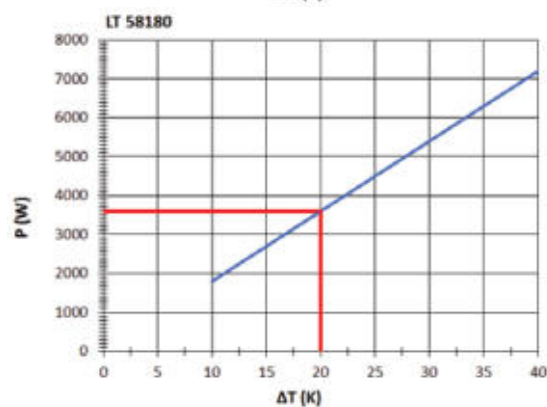
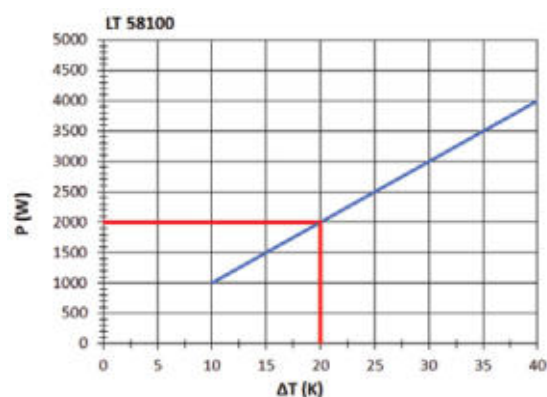
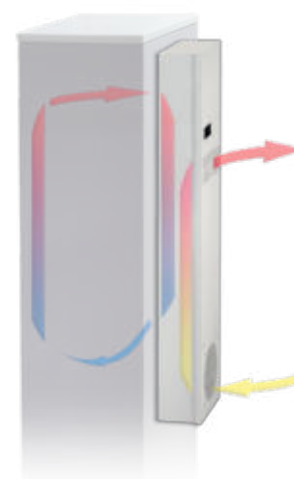
Maintenance free



Air / Air Heat Exchanger

LT 58100 / LT 58180

Type	LT 58100 230 V	LT 58100 120 V	LT 58180 230 V
Order number	581000001	581001001	581800001
Stainless steel housing order no.	581000002	581001002	581800002
Heat exchanger performance	100 W/K		180 W/K
Operating temp. range	-40°C - +65°C		
Dimensions (H x W x D)	914.4 x 460 x 218 mm		1,524 x 609.6 x 356 mm
Material housing	Mild steel, powder coated		
Colour	RAL 7035		
Weight	35 kg		55 kg
	ELECTRICAL DATA		
Voltage / frequency	230 V ~ 50/60 Hz	120 V ~ 60 Hz	230 V ~ 50/60 Hz
Starting current	1.2 A	2.4 A	2.7 A
Maximum current	0.9 A	1.8 A	2 A
Power consumption	280 W		620 W
Fuse rating	2 A (T)	4 A (T)	
Connection	Connecting cable 2 m		
Certification	CE, RoHS		



ΔT = Temperature difference between enclosure air and ambient temperature
P = Heat exchanger performance



Protection class



External



Airflow distance



Maintenance free

SoliTherm ComPact - the economical all-round solution

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

Based on our broad experience in the development and production of air conditioners, we have optimised the ComPact series to achieve a high efficiency with outstanding COP values throughout all models. Reliability and user friendliness are the best ways to describe the electronic controller being used in the ComPact air conditioners. The display indicates temperature and operating status, and can be easily set and adjusted by the user via a Touch Pad.



Peltier – cooling units

The innovative Peltier thermoelectric technology provides an effective cooling solution virtually maintenance free. The SoliTherm Peltier air conditioners incorporate the technology within a sleek and modern design which is compact and with only 70 mm depth hardly needs any space. The cooling capacity ranges from 30 W to 800 W and IP 66 / NEMA 4X rating. Various Peltier units are available with AC or DC voltage.



Liquid cooling / chiller

The need to cool liquid media is a primary requirement of many industrial processes. In diverse applications such as food packaging, machine tools, industrial drives, data centres and control systems, the control of the liquid media within an acceptable temperature range is critical to successful operation.

Seifert Systems provides liquid cooling products that are designed according to the individual requirements to ensure an optimised process. By integrating various needs and different parts of a system, our range of chillers will provide the best solution for any application.



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.



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.





NOTES

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