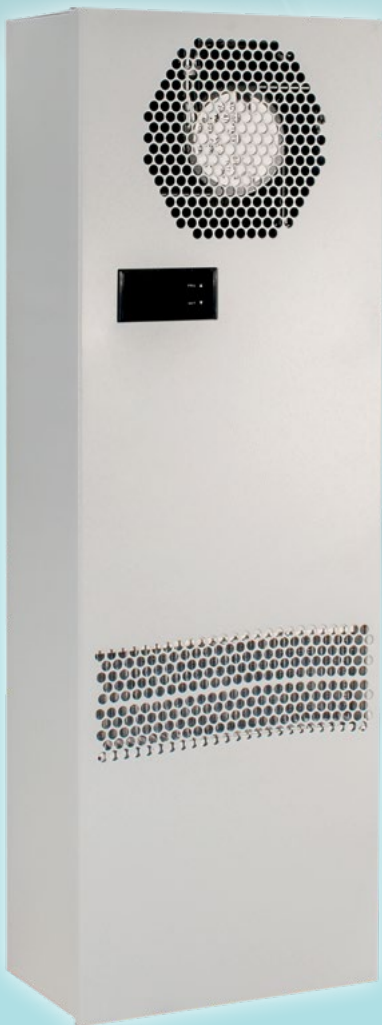


Thermal Management

Safe cabinet cooling



Heat exchangers

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Seifert Systems is certified to ISO 9001.2015 and ISO 14001.2014 standards



	Model	Cooling capacity (L35W10 / 200 l/h)	Nominal voltage (V)				Mounting			19"	Dimensions (H x W x D) mm	Page
			230	120	400	24	Ext.	Int.	Top			
Air / Water heat exchangers	RK 2300	350 W	•	•		•	•	•			303 x 153 x 84	5
	RK 2114 A400	650 W	•	•	•	•	•				400 x 212 x 80	6
	RK 2114 B400	650 W	•	•	•			•			400 x 212 x 80	6
	RK 2114 A 632	700 W	•	•	•		•	•			632 x 212 x 80	7
	RK 2114 A 891	1,2 kW	•	•	•		•	•			891 x 212 x 80	8
	RK 2116	2,1 kW	•	•	•		•	•			891 x 212 x 105	9
	RK 2125	2,5 kW	•	•	•		•	•			936 x 262 x 146.5	10
	RK 2149	5,5 kW	•	•	•		•				1,400 x 460 x 242	11
	RK 2176	7,5 kW			•		•				1,800 x 600 x 300	12
	RK 2185	10 kW			•		•				1,800 x 600 x 300	13
	RK 2124	2 kW	•	•					•		900 x 395 x 260	14
	RK 2200	2,75 kW	•						•		230 x 600 x 500	15
	RK 2192	1 kW	•	•						•	2HE x 443 x 408	16
	RK 2194	2 kW	•	•						•	4HE x 443 x 505	17
	RK 2197	2,1 kW	•	•						•	4HE x 443 x 544	18
Air / air heat exchangers	LT 58007	7 W/K	•	•			•				508 x 196.5 x 152	20
	LT 58014	14 W/K	•	•			•				749 x 254 x 151	21
	LT 58032	32 W/K	•	•			•				750 x 254 x 151	22
	LT 58043	43 W/K	•	•			•				1,194 x 254 x 151.3	23
	LT 58065	65 W/K	•	•			•				914.4 x 460 x 173	24
	LT 58100	100 W/K	•	•			•				914.4 x 460 x 218	25
	LT 58180	180 W/K	•				•				1,524 x 609.6 x 356	25

Air / water heat exchangers | for safe enclosure 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.





Protection class



External

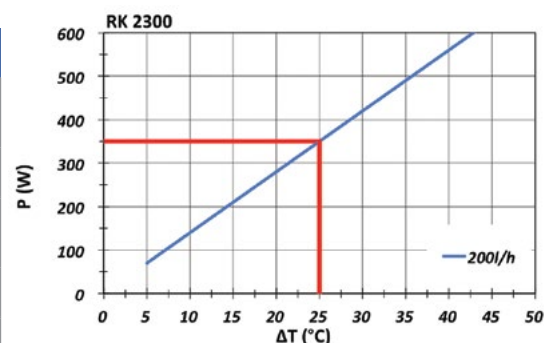


Internal

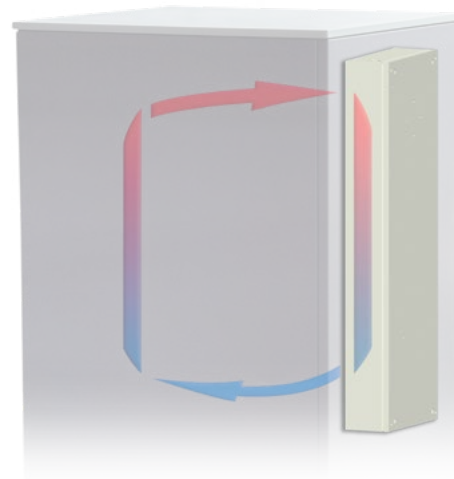


Maintenance free

Type	RK 2300 230 V	RK 2300 120 V	RK 2300 24 V
Order number	2300010	2300110	2300310
Order number with stainless steel housing	2300XX2		
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	3.2 kg		
Max. working pressure water circuit	10 bar		
Water connection	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



RK 2114 A400 / B400



Protection class



External

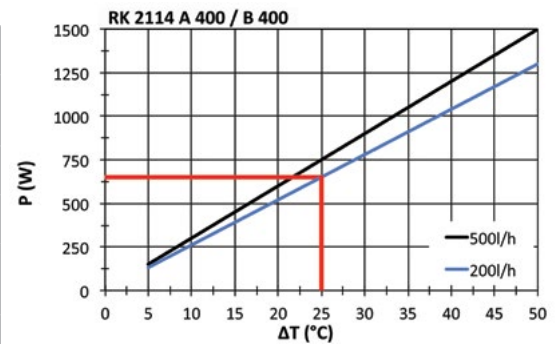


Internal

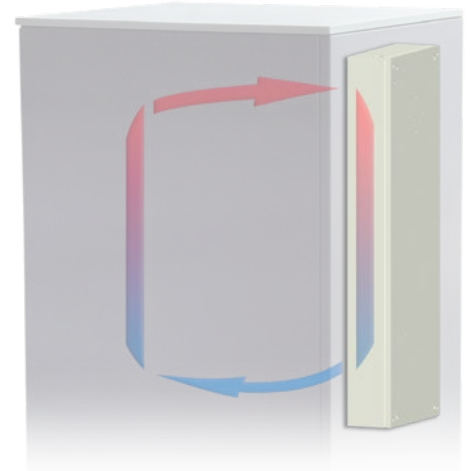


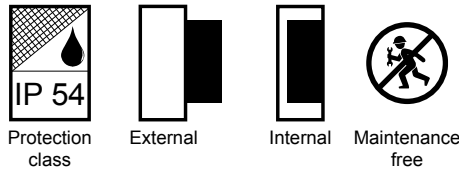
Maintenance free

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 external	2114003	2114103	2114203	2114303
Order number internal	2114002	2114102	2114202	2114302
Order number with stainless steel housing	2114XXX2			
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 m ³ /h @ 50Hz 200 m ³ /h @ 60Hz	180 m ³ /h	180 m ³ /h @ 50Hz 200 m ³ /h @ 60Hz	190 m ³ /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	380-415 V 50 Hz 3~ 400-460 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, cURus			

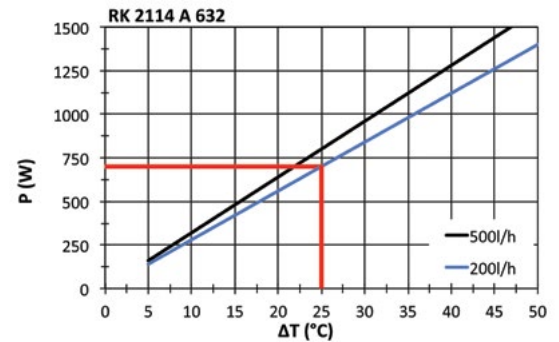


ΔT = Temperature difference between enclosure air and coolant
P = Cooling Capacity

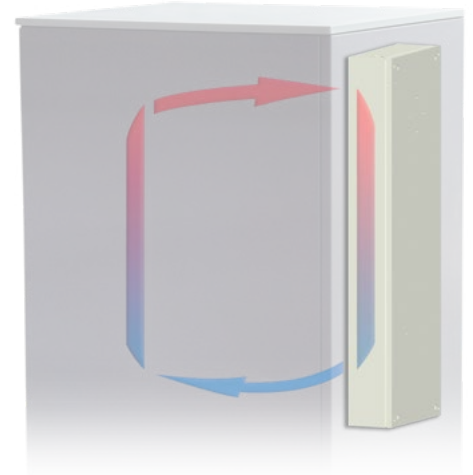




Type	RK 2114 A 632 230 V	RK 2114 A 632 120 V	RK 2114 A 632 400 V
Order number	2114014	2114114	2114214
Order number with proportional waterflow regulator ¹⁾	2114004	2114104	2114204
Order number with stainless steel housing	2114XXX2		
COOLING CAPACITY TO DIN 3168			
Cooling capacity L35W10 (200 l/h)	700 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 m ³ /h @ 50Hz 200 m ³ /h @ 60Hz	180 m ³ /h	180 m ³ /h @ 50Hz 200 m ³ /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	380-415 V 50 Hz 3~ 400-460 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, cURus		



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



¹⁾ For units with proportional waterflow regulator, the maximum water flow is 350 l/h.

RK 2114 A891



Protection class



External



Internal

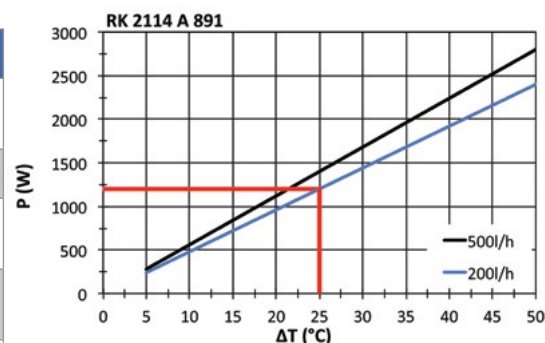


Airflow distance

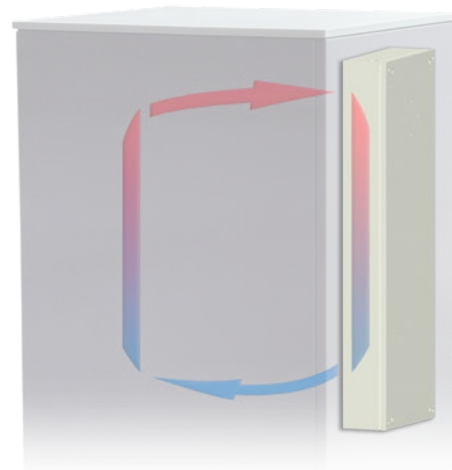


Maintenance free

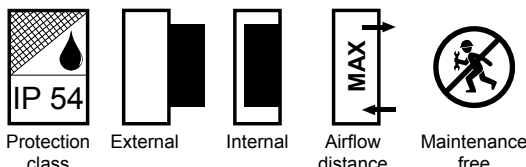
Type	RK 2114 A 891 230 V	RK 2114 A 891 120 V	RK 2114 A 891 400 V
Order number	2114010	2114110	2114210
Order number with proportional waterflow regulator ¹⁾	2114000	2114100	2114200
Order number with stainless steel housing	2114XXX2		
COOLING CAPACITY TO DIN 3168			
Cooling capacity L35W10 (200 l/h)	1.2 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 m ³ /h @ 50 Hz 200 m ³ /h @ 60 Hz	180 m ³ /h	180 m ³ /h @ 50 Hz 200 m ³ /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	380-415 V 50 Hz 3~ 400-460 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, cURus		



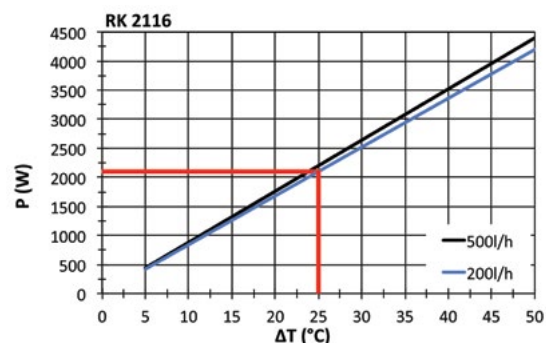
ΔT = Temperature difference between enclosure air and coolant
P = Cooling Capacity



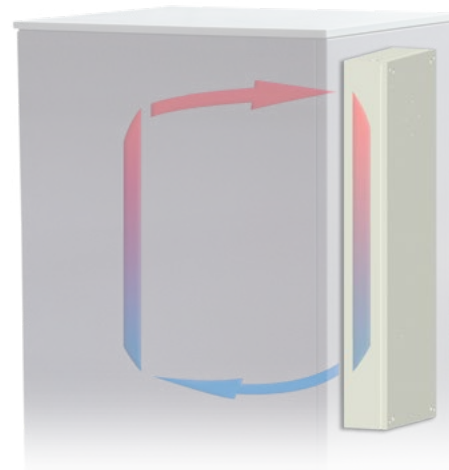
¹⁾ For units with proportional waterflow regulator, the maximum water flow is 350 l/h.



Type	RK 2116 A 230 V	RK 2116 A 120 V	RK 2116 A 400 V
Order number	2116010	2116110	2116210
Order number with proportional waterflow regulator ¹⁾	2116000	2116100	2116200
Order number with stainless steel housing	2116XXX2		
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 m ³ /h @ 50Hz 300 m ³ /h @ 60Hz	270 m ³ /h	270 m ³ /h @ 50Hz 300 m ³ /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	380-415 V 50 Hz 3~ 400-460 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, cURus		



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



¹⁾ For units with proportional waterflow regulator, the maximum water flow is 350 l/h.

RK 2125



Protection class



External



Internal



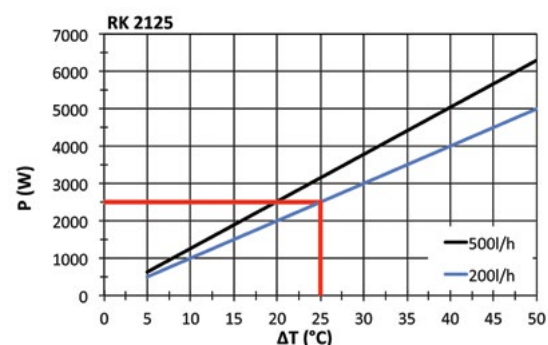
Airflow distance



Maintenance free

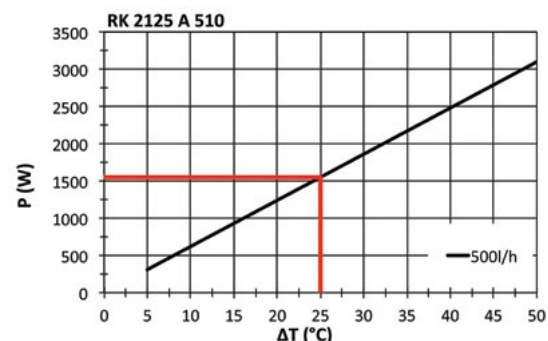
Type	RK 2125 A 230 V	RK 2125 A 120 V	RK 2125 A 400 V
Order number	2125010	2125110	2125210
Order number with proportional waterflow regulator ¹⁾	2125000	2125100	2125200
Order number with stainless steel housing	2125XXX2		
COOLING CAPACITY TO DIN 3168			
Cooling capacity L35W10 (200 l/h)	2.50 kW @ 50Hz 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
Refrigerant	Water, light oils or similar		
Operating temp. range	1°C - 72°C		
Max. air flow	500 m ³ /h @ 50Hz 530 m ³ /h @ 60Hz	500 m ³ /h	500 m ³ /h @ 50Hz 530 m ³ /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	380-415 V 50 Hz 3~ 400-460 V 60 Hz 3~
Rated current	0.7 / 0.9 A	1.7 A	0.27 / 0.33 A
Starting current	1.2 / 1.3 A	3 A	0.54 / 0.66 A
Power consumption	200 W		150 / 235 W
Fuse rating	5 A (T)		3 x 3 A (T)
Connection	3 m cable ready for connection		
Certification	CE		

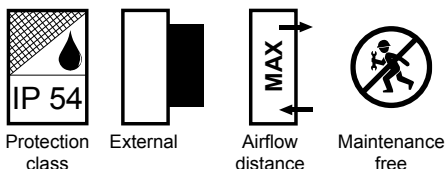
¹⁾ For units with proportional waterflow regulator, the maximum water flow is 350 l/h.



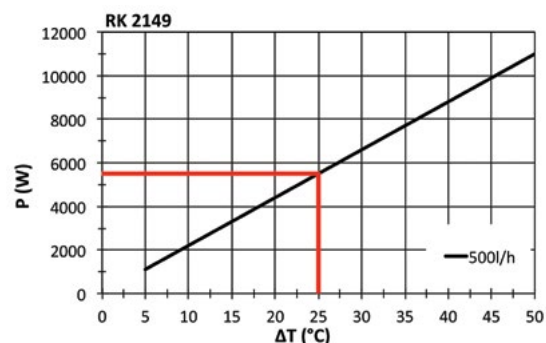
ΔT = Temperature difference between enclosure air and coolant

P = Cooling Capacity

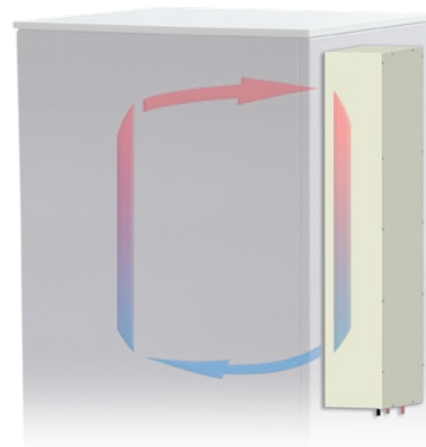




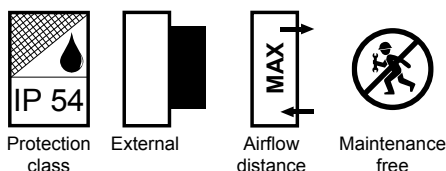
Type	RK 2149 A 230 V	RK 2149 A 120 V	RK 2149 A 400 V
Order number	2149010	2149110	2149210
Order number with magnetic valve	2149000	2149100	2149200
Order number with stainless steel housing	2125XXX2		
COOLING CAPACITY TO DIN 3168			
Cooling capacity L35W10 (500 l/h)	5.5 kW @ 50Hz 5.6 kW @ 60Hz	5.6 kW	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	380-415 V 50 Hz 3~ 400-460 V 60 Hz 3~
Rated current	1 / 1.3 A	2.6 A	0.35 / 0.45 A
Starting current	2 / 2.6 A	5 A	0.7 / 0.9 A
Power consumption	210 / 285 W	300 W	200 / 270 W
Fuse rating	4 A (T)	6 A (T)	3 x 2 A (T)
Connection	Terminals		
Certification	CE		



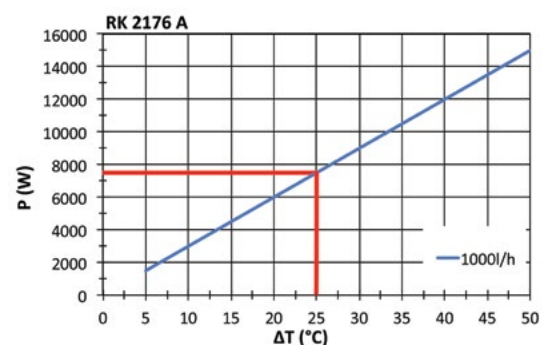
ΔT = Temperature difference between enclosure air and coolant
 P = Cooling Capacity



RK 2176

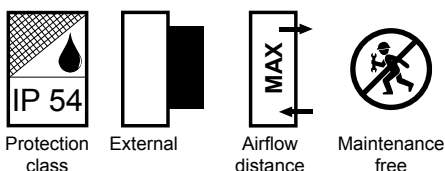


RK 2176		
Type	RK 2176 230 V	RK 2176 400 V
Order number	21760001	21762001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35W10 (1,000 l/h)	7.5 kW	
Refrigerant	Water, light oils or similar	
Operating temperature range	1°C - 72°C	
Max. air flow	1,800 m³/h	
Dimensions (H x W x D)	1,800 x 600 x 300 mm	
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	380-415 V 50 Hz 3~ 400-460 V 60 Hz 3~
Rated power consumption	300 W	
Connection	3 m cable ready for connection	
Certification	CE	

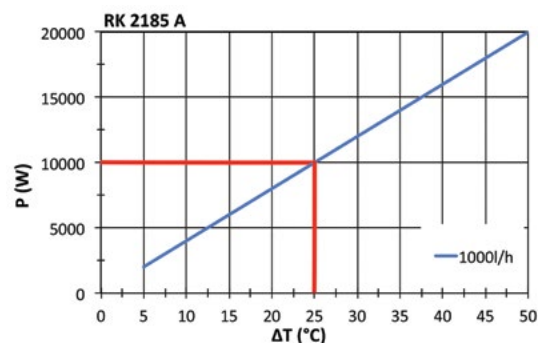


ΔT = Temperature difference between enclosure air and coolant
P = Cooling Capacity

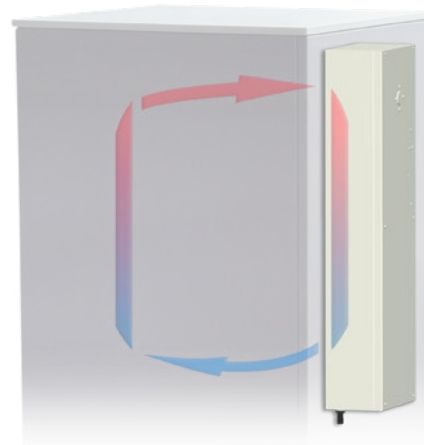




Type	RK 2185 230 V	RK 2185 400 V
Order number	21850001	21852001
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35W10 (1,000 l/h)	10 kW	
Refrigerant	Water, light oils or similar	
Operating temperature range	+1°C - +60°C	
Max. air flow	2,500 m³/h	
Dimensions (H x W x D)	1,800 x 600 x 300 mm	
Material 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	380-415 V 50 Hz 3~ 400-460 V 60 Hz 3~
Rated power consumption	400 W	
Connection	3 m cable ready for connection	
Certification	CE	



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



RK 2124



Protection class



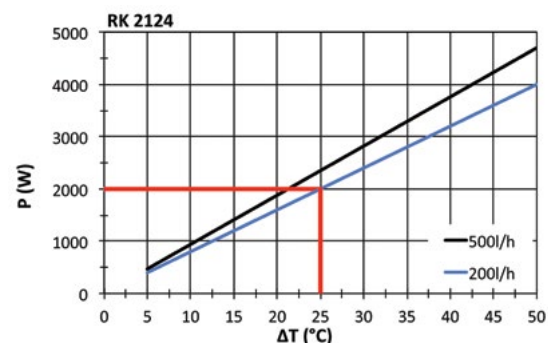
Top



Maintenance free

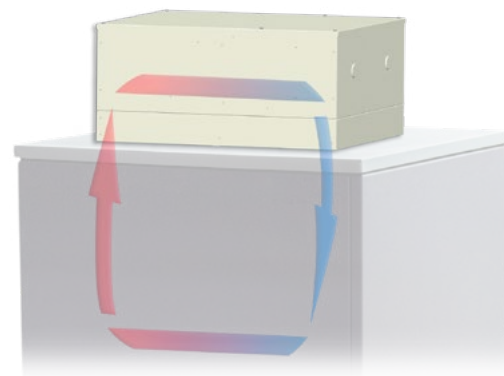
RK 2124		
Type	RK 2124 230 V	RK 2124 120 V
Order number with proportional waterflow regulator ¹⁾	2124000	2124100
COOLING CAPACITY TO DIN 3168		
Cooling capacity L35W10 (200 l/h)	2.00 kW	
Cooling capacity L35W10 (500 l/h)	2.35 kW	
Refrigerant	Water, light oils or similar	
Operating temp. range	1°C - 72°C	
Max. air flow	450 m ³ /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, cURus	

¹⁾ For units with proportional waterflow regulator, the maximum water flow is 350 l/h.



ΔT = Temperature difference between enclosure air and coolant

P = Cooling Capacity





Protection class

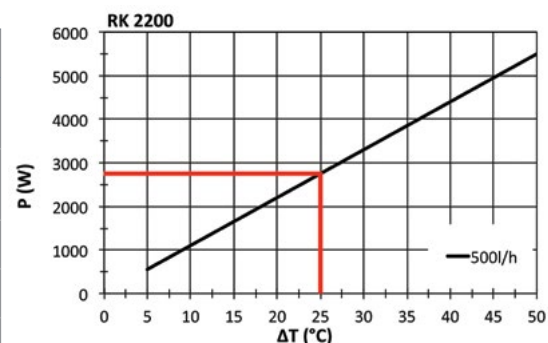


Top

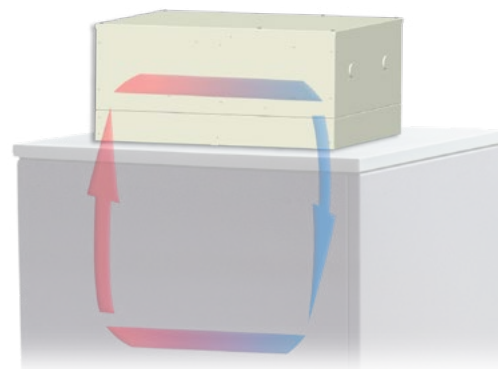


Maintenance free

Type	RK 2200 230 V
Order number with magnetic valve	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, cURus



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



RK 2192



Protection class

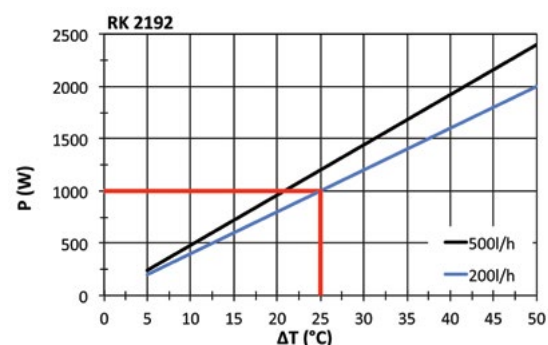


19" rack mount



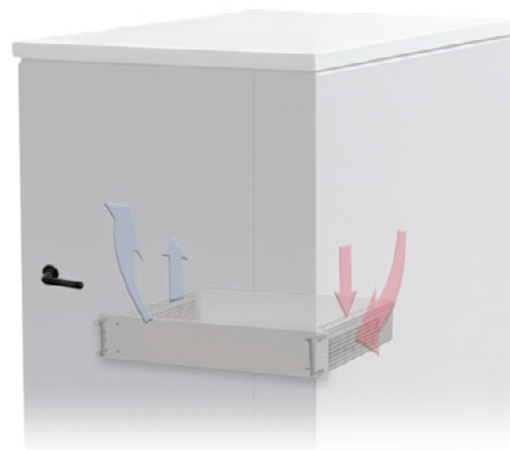
Maintenance free

RK 2192		
Type	RK 2192 230 V	RK 2192 120 V
Order number with magnetivc valve	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 temperature 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	



ΔT = Temperature difference between enclosure air and coolant

P = Cooling Capacity





Protection class

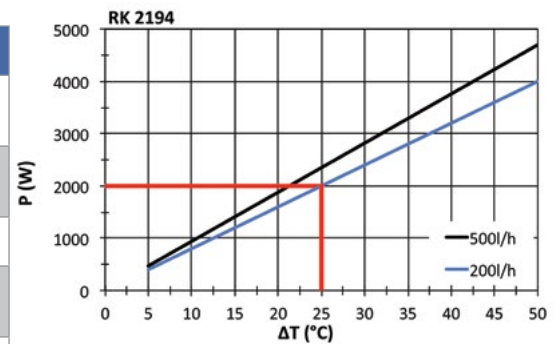


19" rack mount

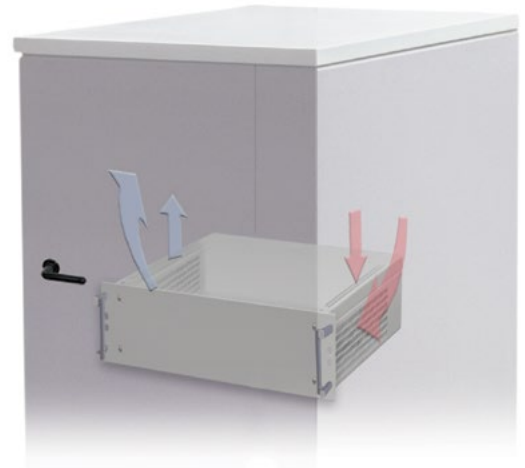


Maintenance free

RK 2194		
Type	RK 2194 230 V	RK 2194 120 V
Order number with proportional waterflow regulator ¹⁾	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 temperature 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	



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



¹⁾ For units with proportional waterflow regulator, the maximum water flow is 350 l/h.

RK 2197



Protection class

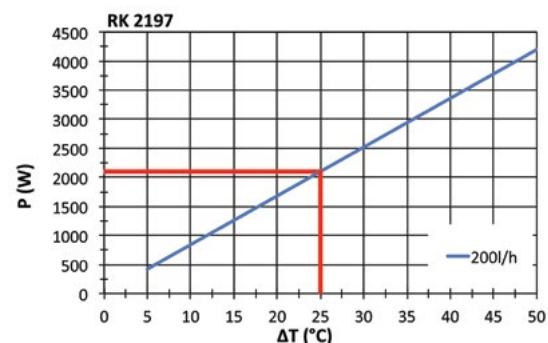


19" rack mount

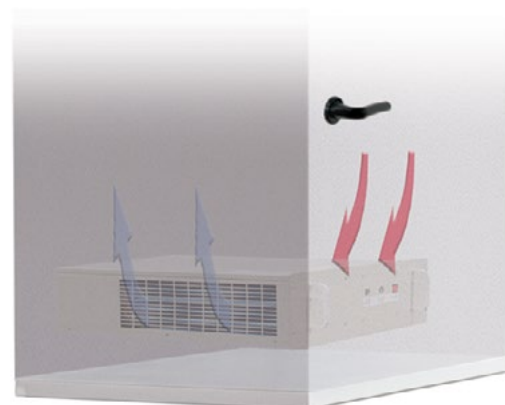


Maintenance free

RK 2197		
Type	RK 2197 230 V	RK 2197 120 V
Order number with proportional waterflow regulator	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 temperature range	1°C - 72°C	
Max. air flow	300 m ³ /h @ 50 Hz 340 m ³ /h @ 60 Hz	340 m ³ /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	



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



Air / air heat exchangers | compact design for maximum performance

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 chromatised 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.



LT 58007



Protection class

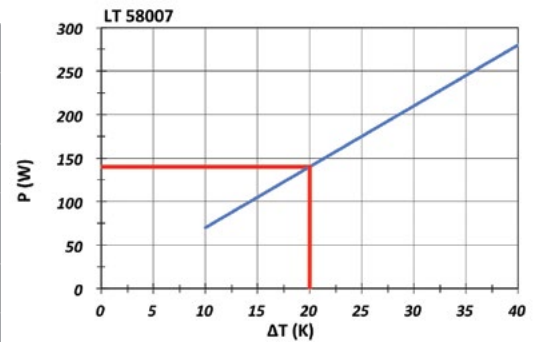


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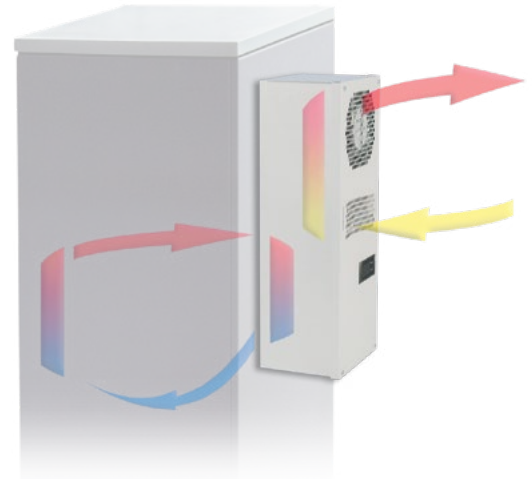


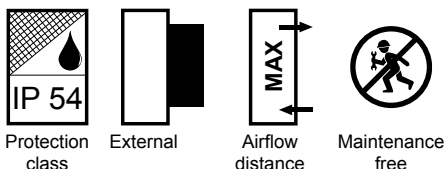
Maintenance free

LT 58007		
Type	LT 58007 230 V	LT 58007 120 V
Order number	580070001	580071001
Order number with stainless steel housing	58007XX2	
Heat exchanger performance	7 W/K	
Operating temperature 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, cURus	

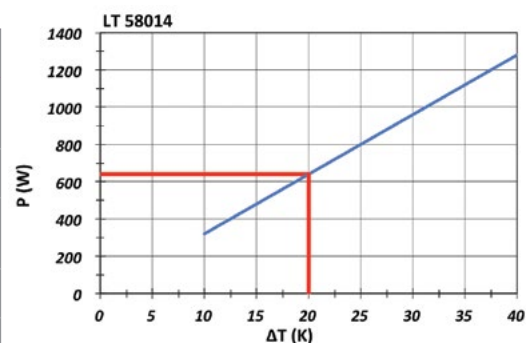


ΔT = Temperature difference between enclosure air and ambient temperature
 P = Heat exchanger performance





Type	LT 58014 230 V	LT 58014 120 V
Order number	580140001	580141001
Order number with stainless steel housing	58014XX2	
Heat exchanger performance	14 W/K	
Operating temperature 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, cURus	



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



LT 58032



Protection class

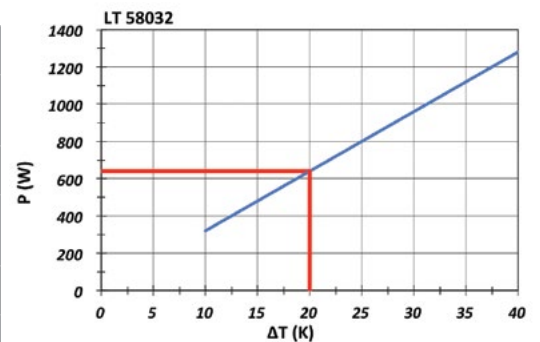


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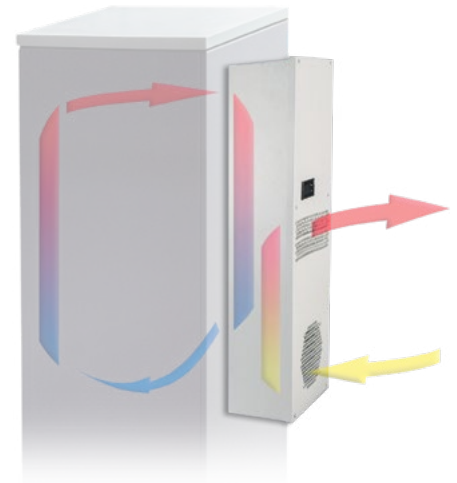


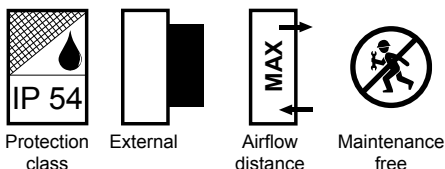
Maintenance free

LT 58032		
Type	LT 58032 230 V	LT 58032 120 V
Order number	580320001	580321001
Order number with stainless steel housing	58032XX2	
Heat exchanger performance	32 W/K	
Operating temperature 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, cURus	

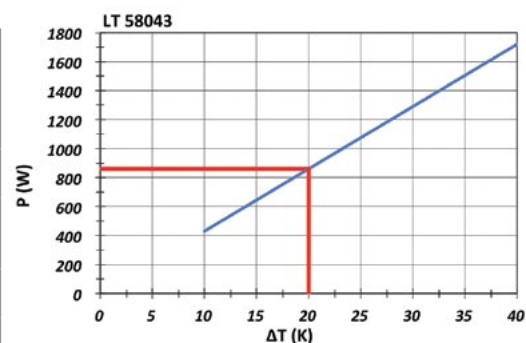


ΔT = Temperature difference between enclosure air and ambient temperature
 P = Heat exchanger performance





Type	LT 58043 230 V	LT 58043 120 V
Order number	580430001	580431001
Order number with stainless steel housing	58043XX2	
Heat exchanger performance	43 W/K	
Operating temperature 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, cURus	



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



LT 58065



Protection class



External

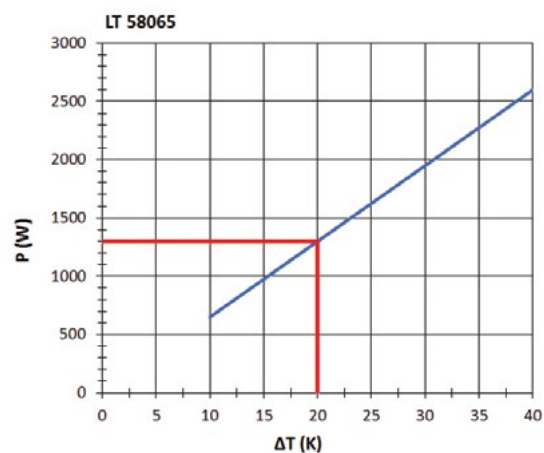


Airflow distance



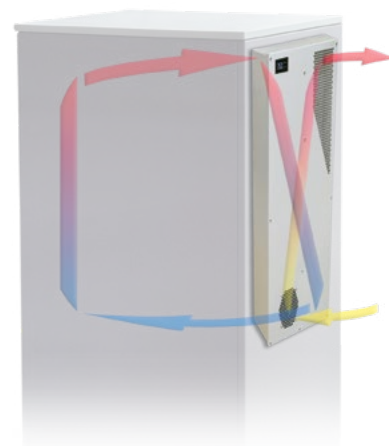
Maintenance free

Type	LT 58065 230 V	LT 58065 120 V
Order number	580650001	580651001
Order number with stainless steel housing	58065XX2	
Heat exchanger performance	65 W/K	
Operating temperature 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	

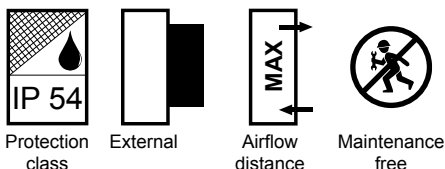


ΔT = Temperature difference between enclosure air and ambient temperature

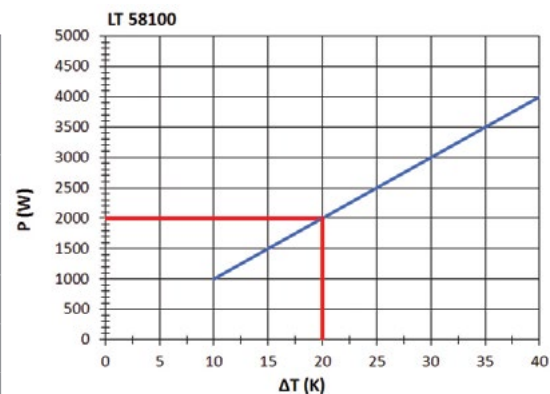
P = Heat exchanger performance



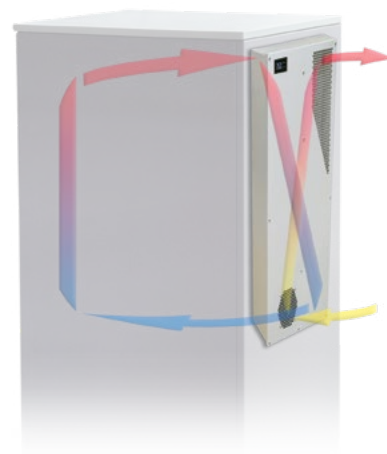
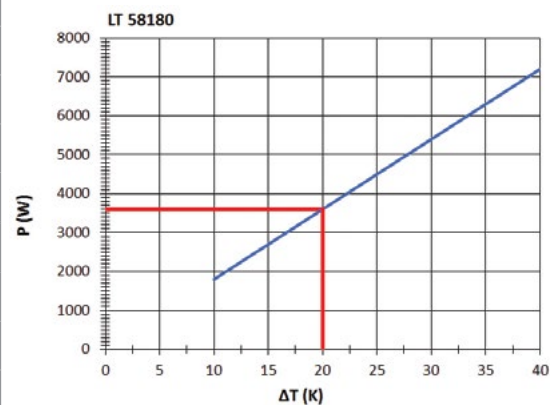
LT 58100
LT 58180



Type	LT 58100 230 V	LT 58100 120 V	LT 58180 230 V
Order number	581000001	581001001	581800001
Order number with stainless steel housing	58100XX2		
Heat exchanger performance	100 W/K		180 W/K
Operating temperature 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



NOTES

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Seifert Systems | Thermal Management Solutions

SlimLine Pro - enclosure cooling with a new design

The innovative one man mounting systems from Seifert allows a screw less installation with no need of additional fixing material. All models have an integrated condensate evaporation, an electronic controller with color display, a temperature range from 10°C to 60°C and an ingress protection class of IP 56. They also comply to NEMA / UL type 3, 3R, 12, 4 and 4X. The cooling capacities range from 350 W up to 6.2 kW.



Thermoelectric – cooling units

The innovative thermoelectric Peltier 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 models 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. We provide liquid cooling products that are designed according to the individual requirements of our customers, ensuring 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.



Enclosure heaters

Cabinet heaters are an important segment of the Seifert enclosure 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.



Enclosure accessories

In addition to our innovative range of air conditioners, we have 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 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 allow various possibilities of installations directing the light to where it is actually needed.



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