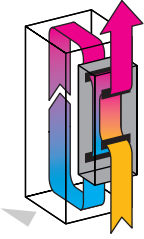


WALLMOUNT AIR CONDITIONERS

Overview

● Wallmount air conditioners
3600 BTU/1060 Watt

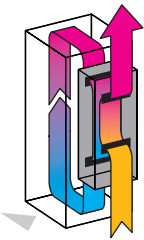


● Wallmount air conditioners
5150 BTU/1510 Watt



3600 BTU/1060 W						5150 BTU/1510 W					
37.4 /950 15.75/400 10.24/260						37.4 /950 15.75/400 10.24/260					
115 V	230 V	400/460 V	115 V	230 V	400/460 V	115 V	230 V	400/460 V	115 V	230 V	400/460 V
3304.110	3304.100	3304.140				3305.110	3305.100	3305.140			
			3304.510	3304.500	3304.540				3305.510	3305.500	3305.540
24						24					
●	●	●	●	●	●	●	●	●	●	●	●

● Wallmount air conditioners
9700 BTU/2850 Watt



● Wallmount air conditioners
15,000 BTU/4400 Watt

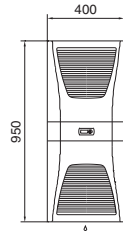


9700 BTU/2850 W						15,000 BTU/4400 W					
62.2 /1580 15.75/ 400 11.42/ 290						62.2 /1580 19.69/ 500 13.39/ 340					
115 V	230 V	400/460 V	115 V	230 V	400/460 V	400/460 V					
3329.110	3329.100	3329.140				3332.140					
			3329.510	3329.500	3329.540	3332.540					
26						28					
●	●	●	●	●	●	●	●	●	●	●	●

The enormous demands placed on the reliability and efficiency of machines and plants in industrial and IT environments necessitate the same level of functionality, flexibility and modern industrial design from an enclosure air conditioner. These newly designed units not only satisfy the requirements for protection of sensitive electronics, but also offer a high degree of flexibility with regard to mounting options.

Technical description:

- SK 3304. . . . , useful cooling capacity 3600 BTU/1060 W per DIN 3168 L35 L35.
- SK 3305. . . . , useful cooling capacity 5150 BTU/1510 W per DIN 3168 L35 L35.
- Basic version: Temperature control through internal electronics (Part No.100 / .110 / .140).
- Comfort version: Temperature control and system monitoring through micro-processor control of the unit (Part No.500 / .510 / .540).
- Versions140 / .540 are dual-voltage (400 and 460 V without rewiring).
- The divided case construction permits up to three different installation versions.
- Generous distances between the air intakes and outlets in the interior air circuit ensure good air circulation even in case of very compact installations.



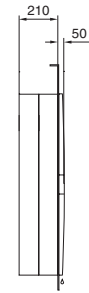
External mounting



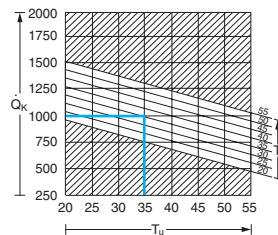
Partial internal mounting



Internal mounting



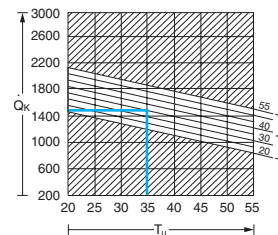
Performance diagram (DIN 3168) (50 Hz)



T_u = Ambient temperature (°C)
 Q_k = Continuous cooling capacity (W)
 T_i = Internal enclosure temperature (°C)

Performance diagram for 60 Hz units, see page 36.

Performance diagram (DIN 3168) (50 Hz)



T_u = Ambient temperature (°C)
 Q_k = Continuous cooling capacity (W)
 T_i = Internal enclosure temperature (°C)

Performance diagram for 60 Hz units, see page 36.

Part No. SK with Basic controller	3304.100	3304.110	3304.140	3305.100	3305.110	3305.140	
Part No. SK with Comfort controller	3304.500	3304.510	3304.540	3305.500	3305.510	3305.540	
Rated voltage Volt/Hz	230, 50/60	115 ¹⁾ , 50/60	400 ²⁾ , 50/460, 60, 3~	230, 50/60	115 ¹⁾ , 50/60	400 ²⁾ , 50/460, 60, 3~	
Dimensions inches/mm	H 37.40/950 W 15.75/400 D 10.24/260				H 37.40/950 W 15.75/400 D 10.24/260		
Useful cooling capacity Q_k per DIN 3168	L35 L35 L35 L50	3400/3600 BTU; 1000/1060 W 2700/2860 BTU; 790/840 W			5120/5150 BTU; 1500/1510 W 4200/4250 BTU; 1230/1250 W		
Rated current maximum	4.2 A/4.4 A	8.6 A/9.2 A	2.5 A/2.6 A	4 A/4.5 A	8.2 A/9.2 A	2.3 A/2.6 A	
Starting current	10.0 A/12.0 A	20.0 A/24.0 A	5.8 A/6.8 A	9.0 A/10.0 A	18.0 A/20.0 A	5.5 A/6.0 A	
Pre-fuse T ₁ ²⁾ Motor circuit-breaker	6.0 A/6.0 A	10.0 A/10.0 A	acc. to rated current	10.0 A/10.0 A	10.0 A/10.0 A	acc. to rated current	
Power consumption P _{el} to DIN 3168	L35 L35 L35 L50 580 W/650 W 660 W/740 W	610 W/680 W 690 W/770 W	580 W/650 W 660 W/740 W	660 W/760 W 760 W/860 W	700 W/800 W 800 W/900 W	680 W/790 W 790 W/890 W	
Cooling coefficient ε = Q _k /P _{el}	L35 L35 1.8	1.7	1.8	2.3	2.2	2.2	
Refrigerant	R 134a			R 134a			
Maximum allowable operating pressure	377 psi/26 bar			406 psi/28 bar			
Temperature range	68 °F to 131 °F/+ 20 °C to + 55 °C			68 °F to 131 °F/+ 20 °C to + 55 °C			
Protection ratings per EN 60 529/10.91	Exterior cycle NEMA 1/IP 34/ Internal cycle NEMA 12/IP 54			Exterior cycle NEMA 1/IP 34/ Internal cycle NEMA 12/IP 54			
Duty cycle	100%			100%			
Type of connection	Plug connector terminals			Plug connector terminals			
Weight	86 lbs/39 kg	97 lbs/44 kg	88.2 lbs/40 kg	90.4 lbs/41 kg	101.4 lbs/46 kg	92.6 lbs/42 kg	
Color	RAL 7035 light grey			RAL 7035 light grey			
Air displacement (unimpeded air flow)	Exterior cycle Internal cycle	529 cfm/900 m ³ /h 353 cfm/600 m ³ /h			529 cfm/900 m ³ /h 470 cfm/800 m ³ /h		
Temperature control	Basic or Comfort controller (factory setting 95 °F/+ 35 °C)			Basic or Comfort controller (factory setting 95 °F/+ 35 °C)			

Special voltages available on request. Specifications subject to change.

Accessories	PU			Page
Filter mats	3	3286.400	3286.400	34
Metal filter	1	3286.410	3286.410	34
Door-operated switch	1	4127.000	4127.000	34
Master-slave cable for Comfort controller	1	3124.100	3124.100	35
RiDiag II for Comfort controller, incl. cables	1	3159.100	3159.100	35

¹⁾ internal transformer – settings according to rated current if transformer circuit-breakers are used.