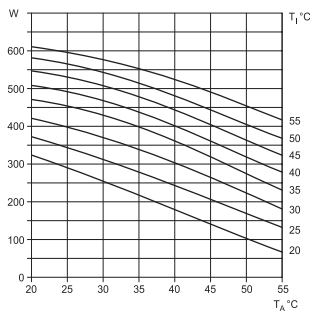


- Overview 0
- Cabinets 1
- Wall mounted cases 2
- Accessories for cabinets and wall mounted cases 3
- Climate control 4**
- Desk-top cases 5
- Subracks/ 19" chassis 6
- Front panels, plug-in units 7
- Systems 8
- Power supply units 9
- Backplanes 10
- Connectors, front panel component system 11
- Appendix 12

Climate control – Air conditioners

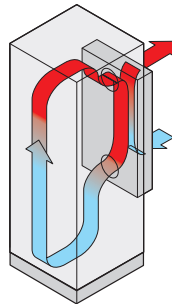


00901015



kit6741

Selection criteria, see www.schroff.biz



00903050

Cooling principle

Applications

Side-mounted air conditioners are used for the cooling of electrical and switchgear cabinets. The air conditioners are assembled on the door or side panel from outside.

Function

An air conditioner extracts heat from within an enclosure via the use of a compressor, whereby the desired inner temperature can be maintained lower than the outside ambient air temperature. The internal air circulation and external air flow are separated to maintain IP protection for the enclosure.

Standards / certifications

- Performance index (usable cooling capacity) in accordance with DIN 3168



Modifications available on request

- Special voltages
- Regulated microcontroller
- Other useable cooling capacities



Further important information can be found on the internet under www.schroff.biz



Side-mounted air conditioners from 400 up to 1550 W

- Compact and flat construction
- Optimised performance ratio between usable cooling capacity and power consumption
- Integrated condensation evaporation
- Control with thermostat

Type	ACX400	C750S	C1000S	C1550S
Performance	400 W	750 W	1010 W	1550 W
Width	600 mm	600 mm	900 mm	900 mm
Height	254 mm	340 mm	400 mm	400 mm
Depth	120 mm	249 mm	249 mm	249 mm
Weight approx.	16 kg	32 kg	46 kg	48 kg

Side-mounted air conditioners

ACX400	4.28
C750S	4.29
C1000S	4.30
C1550S	4.31

Special versions

- Other usable cooling capacities
- 115 V_{AC} and special voltages
- With microcontroller

Climate control – Air conditioners

Side-mounted air conditioner ACX 400



00901002

- Cooling capacity 400 W
- Compact and extremely flat construction



Delivery comprises (completely wired, ready for connection)

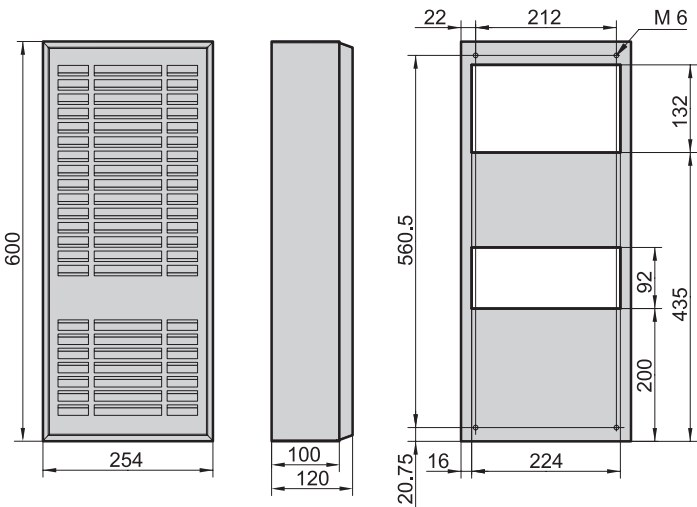
Item	Qty	Description
1	1	Air conditioner, see technical data
2	1	Cover cap, St, 1mm, RAL 7021
3	1	Grille, St, 1mm silver metallic
4	1	Equipment cable, length 2 m, open end
5	1	Thermostat for adjustment of the cabinet inner temperature, set at 35° C at factory
6	1	Assembly kit incl. drilling template and instruction manual

Order Information

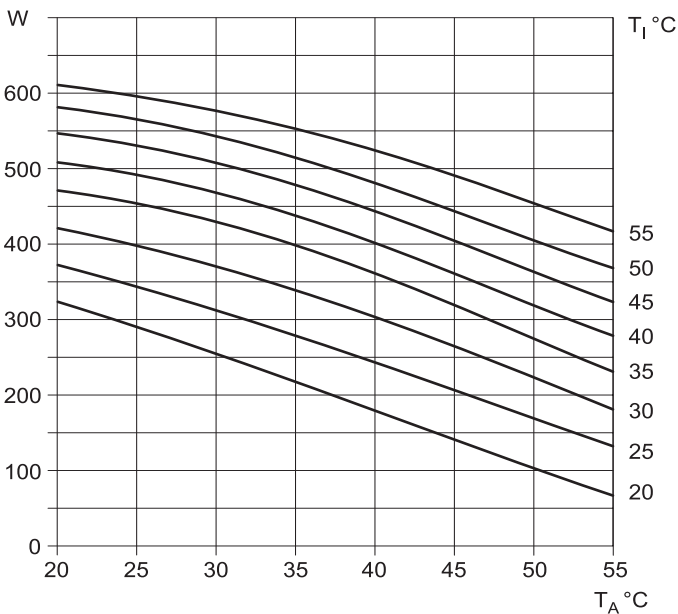
Description	Input voltage V	Frequency Hz	Order no.
Side-mounted air conditioner ACX 400	230	50 / 60	10710-100

Technical data

Voltage	230 V
Frequency	50 / 60 Hz
Useful cooling capacity L 35 (internal temperature T_I) and L 35 (ambient temperature T_A) according to DIN 3168	400 W
Useful cooling capacity L 35 (T_I) and L 50 (T_A) according to DIN 3168	275 W
Power consumption L 35 (T_I) and L 35 (T_A)	260 W
Power consumption L 35 (T_I) and L 50 (T_A)	310 W
Performance index EER (useful cooling capacity / eff. power consumption)	1.54
Airflow volume internal	265 m ³ / h
Nominal current max.	1.8 A
Inrush current	3 A
Temperature range	+20 °C...+55 °C
Type of protection according to EN 60 529 internal	IP 54
Type of protection according to EN 60 529 external	IP 34
Operating time	100%
Noise level (LPA)	52.8 dB(A)
Coolant	R 134a
Connecting type	Mains cable 2 m
Weight	approx. 16 kg
Dimensions h x w x d	600 x 254 x 120 mm
Test mark	CE



KT6740



KT6741

T_A = ambient temperature, T_I = cabinet inner temperature

Note

- 115 V_{AC} and special voltages available on request
- Microcontroller version available on request



For further information www.schroff.biz/oneclick
 oneClick code = Order no.



Climate control – Air conditioners

Side-mounted cooling unit C 750 S



- Cooling capacity 750 W
- Compact construction



Delivery comprises (completely wired, ready for connection)

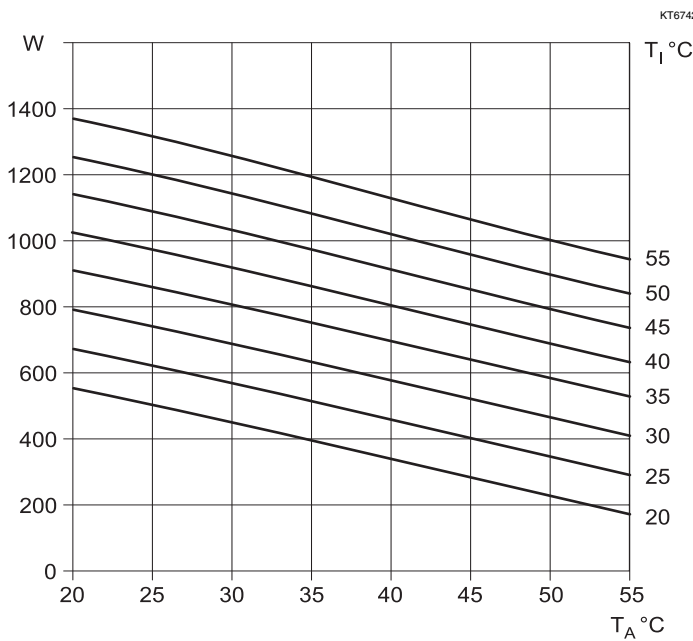
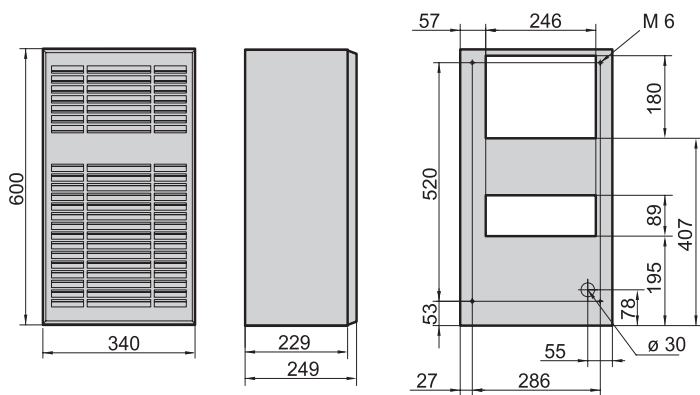
Item	Qty	Description
1	1	Air conditioner, see technical data
2	1	Cover cap, St, 1mm, RAL 7021
3	1	Grille, St, 1mm silver metallic
4	1	Equipment cable, length 2 m, open end
5	1	Thermostat for adjustment of the cabinet inner temperature, set at 35° C at factory
6	1	Assembly kit incl. drilling template and instruction manual

Order Information

Description	Input voltage V	Frequency Hz	Order no.
Side-mounted air conditioner C 750 S	230	50 / 60	10710-200

Technical data

Voltage	230 V
Frequency	50 / 60 Hz
Useful cooling capacity L 35 (internal temperature T_I) and L 35 (ambient temperature T_A) according to DIN 3168	750 W
Useful cooling capacity L 35 (T_I) and L 50 (T_A) according to DIN 3168	585 W
Power consumption L 35 (T_I) and L 35 (T_A)	420 W
Power consumption L 35 (T_I) and L 50 (T_A)	470 W
Performance index EER (useful cooling capacity / eff. power consumption)	1.79
Airflow volume internal	360 m ³ / h
Nominal current max.	2.5 A
Inrush current	7.9 A
Temperature range	+20 °C...+55 °C
Type of protection according to EN 60 529 internal	IP 54
Type of protection according to EN 60 529 external	IP 34
Operating time	100%
Noise level (LPA)	60.6 dB(A)
Coolant	R 134a
Connecting type	Mains cable 2 m
Weight	approx. 32.5 kg
Dimensions h x w x d	600 x 340 x 249 mm
Test mark	CE



T_A = ambient temperature, T_I = cabinet inner temperature

Note

- 115 V_{AC} and special voltages available on request
- Microcontroller version available on request



For further information www.schroff.biz/oneclick
oneClick code = Order no.



Climate control – Air conditioners

Side-mounted air conditioner C 1000 S



00901004

- Cooling capacity 1000 W
- Compact construction



Delivery comprises (completely wired, ready for connection)

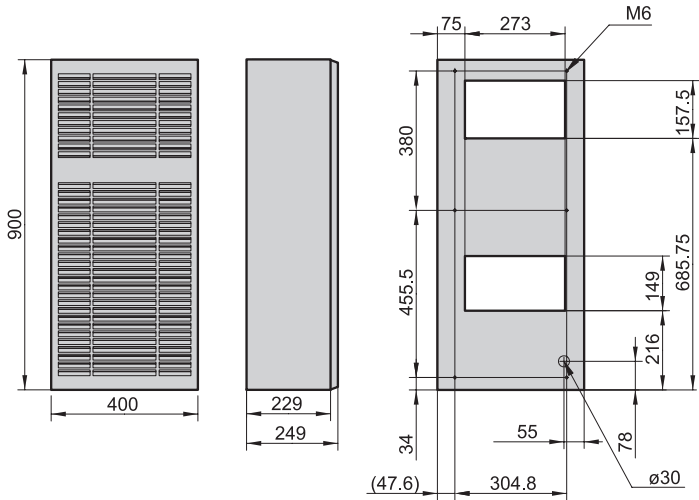
Item	Qty	Description
1	1	Air conditioner, see technical data
2	1	Cover cap, St, 1mm, RAL 7021
3	1	Grille, St, 1mm silver metallic
4	1	Equipment cable, length 2 m, open end
5	1	Thermostat for adjustment of the cabinet inner temperature, set at 35° C at factory
6	1	Assembly kit incl. drilling template and instruction manual

Order Information

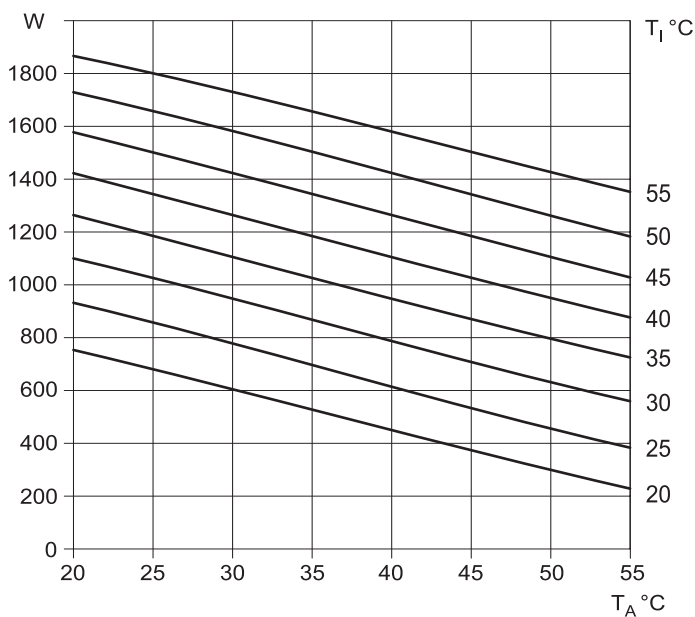
Description	Input voltage V	Frequency Hz	Order no.
Side-mounted air conditioner C 1000 S	230	50 / 60	10710-210

Technical data

Voltage	230 V
Frequency	50 / 60 Hz
Useful cooling capacity L 35 (internal temperature T_I) and L 35 (ambient temperature T_A) according to DIN 3168	1010 W
Useful cooling capacity L 35 (T_I) and L 50 (T_A) according to DIN 3168	800 W
Power consumption L 35 (T_I) and L 35 (T_A)	475 W
Power consumption L 35 (T_I) and L 50 (T_A)	545 W
Performance index EER (Useful cooling capacity / eff. power consumption)	2.13
Airflow volume internal	620 m ³ / h
Nominal current max.	2.7 A
Inrush current	7.9 A
Temperature range	+20 °C...+55 °C
Type of protection according to EN 60 529 internal	IP 54
Type of protection according to EN 60 529 external	IP 34
Operating time	100%
Noise level (LPA)	61.1 dB (A)
Coolant	R 134a
Connecting type	Mains cable 2 m
Weight	46.5 kg
Dimensions h x w x d	900 x 400 x 249 mm
Test mark	CE



KT6744



KT6745

T_A = ambient temperature, T_I = cabinet inner temperature

Note

- 115 V_{AC} and voltages available on request
- Microcontroller version available on request



For further information www.schroff.biz/oneclick
oneClick code = Order no.



Climate control – Air conditioners

Side-mounted air conditioner C 1550 S



- Cooling capacity 1550 W
- Compact construction



Delivery comprises (completely wired, ready for connection)

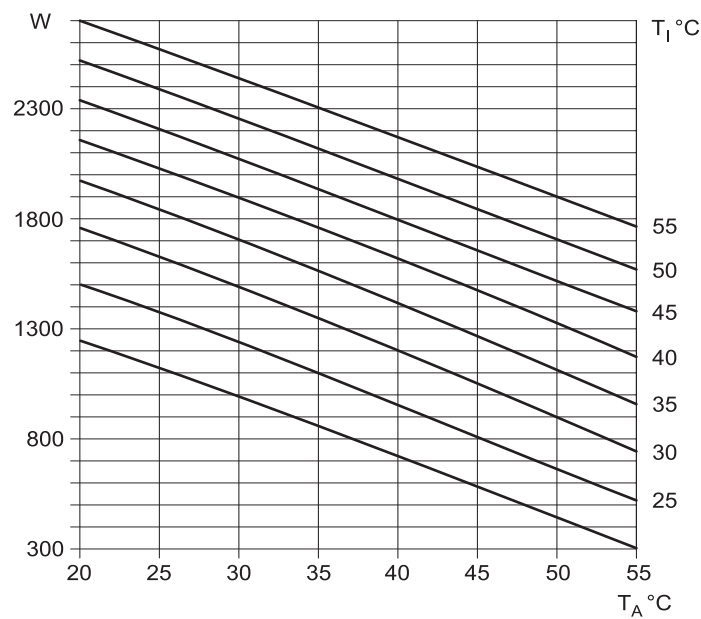
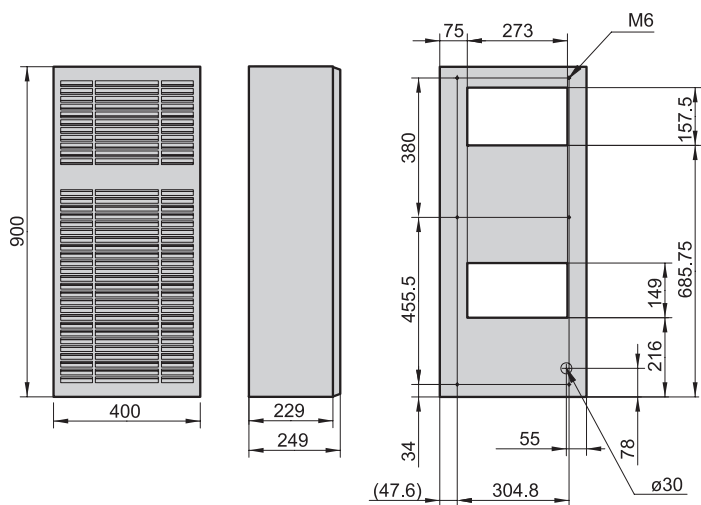
Item	Qty	Description
1	1	Air condition, see technical data
2	1	Cover cap, St, 1mm, RAL7021
3	1	Grille, St, 1mm silver metallic
4	1	Equipment cable, length 2 m, open end
5	1	Thermostat for adjustment of the cabinet inner temperature, set at 35° C at factory
6	1	Assembly kit incl. drilling template and instruction manual

Order Information

Description	Input voltage V	Frequency Hz	Order no.
Side-mounted air conditioner C 1550 S	230	50 / 60	10710-220

Technical data

Voltage	230 V
Frequency	50 / 60 Hz
Useful cooling capacity L 35 (internal temperature T_I) and L 35 (ambient temperature T_A) according to DIN 3168	1560 W
Useful cooling capacity L 35 (T_I) and L 50 (T_A) according to DIN 3168	1100 W
Power consumption L 35 (T_I) and L 35 (T_A)	855 W
Power consumption L 35 (T_I) and L 50 (T_A)	955 W
Performance index EER (useful cooling capacity / eff. power consumption)	1.82
Airflow volume internal	860 m ³ / h
Nominal current max.	4.9 A
Inrush current	9.2 A
Temperature range	+20 °C...+55 °C
Type of protection according to EN 60 529 internal	IP 54
Type of protection according to EN 60 529 external	IP 34
Operating time	100%
Noise level (LPA)	64.4 dB(A)
Coolant	R 134a
Connecting type	Mains cable 2 m
Weight	48 kg
Dimensions h x w x d	900 x 400 x 249 mm
Test mark	CE



T_A = ambient temperature, T_I = cabinet inner temperature

Note

- 115 V_{AC} and voltages available on request
- Microcontroller version available on request



For further information www.schroff.biz/oneclick
oneClick code = Order no.



Klimatechnik – Kühlgeräte

Anbaukühlgerät 2600 W



- Kühlleistung 2600 W
- Montierbar als Anbau, Halbeinbau oder Einbaukühlgerät
- Servicefreundlicher Geräteaufbau
- Metallfilter optional erhältlich

Lieferumfang (montiert)

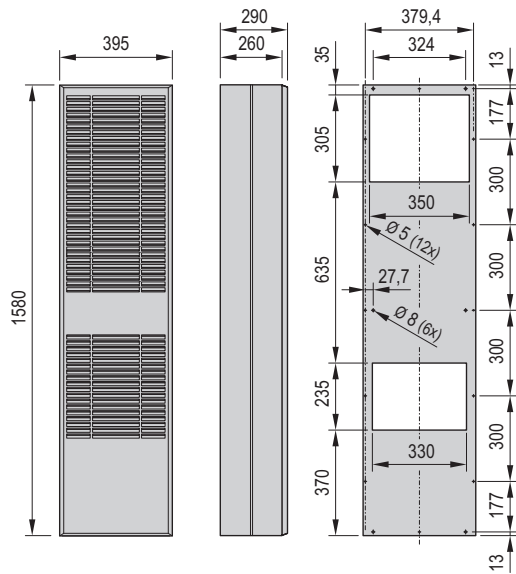
Pos.	Menge	Beschreibung
1	1	Kühlgerät, siehe technische Daten
2	1	Gehäuse aus Stahlblech, RAL 7021
3	1	Microcontroller mit Display
4	1	Befestigungsmaterial inkl. Bohrschablone und Bedienungsanleitung

Bestellinformationen

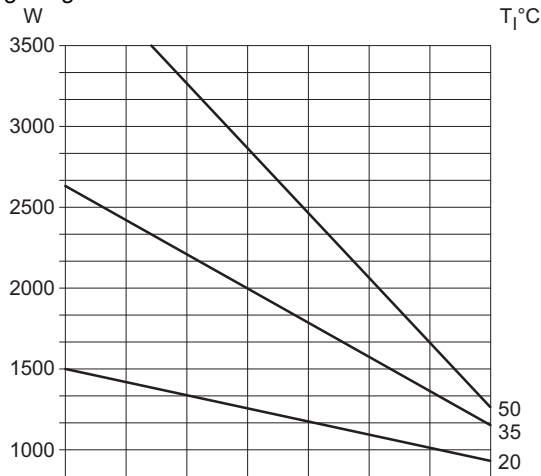
Beschreibung	Eingangsspannung V	Frequenz Hz	Bestell-Nr.
Anbaukühlgerät 2600 W	230	50/60	10710-182
Anbaukühlgerät 2600 W	400	60	10710-184
Metallfilter für Anbaukühlgerät 2000/2600 W, 1 Stück			60710-317

Technische Daten

Spannung	230 V	400 V
Frequenz	50/60 Hz	50/60 Hz
Nutzkühlleistung L 35 L 35 nach DIN 3168 (EN 814 Teil 5)	2600 W	2600 W
Nutzkühlleistung L 35 L 50 nach DIN 3168 (EN 814 Teil 5)	1900 W	1900 W
Leistungsaufnahme L 35 L 35	1300 W	1400 W
Leistungsaufnahme L 35 L 50	1500 W	1650 W
Leistungszahl EER (Nutzkühlleistung/eff. Leistungsaufnahme)	2,0	1,9
Luftvolumenstrom Innenkreislauf	685 m ³ /h	
Luftvolumenstrom Außenkreislauf	670 m ³ /h	
Nennstrom max. bei 1500 W	7,0 A	2,0 A
Anlaufstrom bei 1500 W	32,0 A	21 A
Temperaturbereich	+20°C...+55°C	
Schutzart nach EN 60 529 Innenkreislauf	IP 54	
Schutzart nach EN 60 529 Außenkreislauf	IP 24	
Einschaltdauer	100 %	
Geräuschpegel	81 dB(A)	
Kältemittel	R 134a	
Anschlussart	Anschlussklemmen	
Gewicht	70 kg	
Abmessungen H x B x T (mm)	1580 x 395 x 290	
Prüfzeichen	CE	



Leistungsdiagramm



T_A = Umgebungstemperatur, T_1 = Schrankinnentemperatur



ServicePLUS siehe Seite 4.40

Hinweis

- Andere Spannungen auf Anfrage
- Thermostat-Version auf Anfrage



Weitere Informationen www.schroff.biz/oneclick
oneClick code = Bestell-Nr.