



AIR CONDITIONING RANGE



AT THE HEART OF TECHNOLOGY

There are numerous reasons to choose a **texa industries** cooling system

Listening to our customers, in addition to our extensive experience in the industrial sector, has allowed us to create a complete range of air conditioning systems suitable for all types of indoor and outdoor applications. Our strong product engineering has allowed us to standardise and include many previously optional extras as standard equipment throughout the range.

OUTDOOR APPLICATIONS

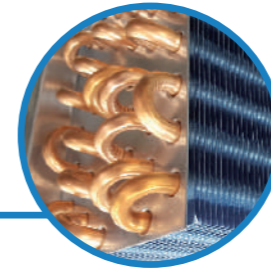
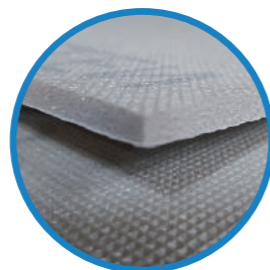
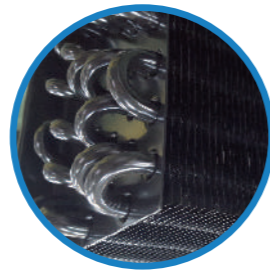
A range of specific air conditioning units for outdoor applications, the cataphoresis treatment of the condensing coil and the IP54-rated protection of all electrical components make this product reliable in all atmospheric conditions.

EASE OF INSTALLATION FILTER

The simple and ergonomic design of our air conditioning units allows installation and filter maintenance through a simple side housing, without the need to remove mechanical components.

DIE-CUT SEALS

The die-cut seal supplied as standard provides an easy and precise coupling between the air conditioner and the cabinet, also providing an IP55 rating inside the cabinet, one of the highest available on the market.



FLEXIBLE INSTALLATION

Unique in their field, designed specifically to meet standardisation requirements, a single drilling template, five cooling power ratings available and freedom of cabinet installation – external, semi-recessed or recessed installation – without the use of additional accessories.

REDUCED MAINTENANCE COSTS

All our air conditioning units feature a hydrophilic treatment on the condensing coil. This particular production process guarantees a longer life for the product and doubled effectiveness against fouling by dust or oil in suspension, significantly reducing scheduled maintenance requirements.

THERMOSTAT WITH DIGITAL DISPLAY

Powerful, reliable and standard on all ranges (with the exception of the Outdoor range), it provides an easy-to-read view of the set temperature, and allows multiple safety alarms to be managed. It also allows Master-Slave operation of two air conditioning units in the same cabinet simply by setting a parameter.

ANTI-CONDENSATION EVAPORATION SYSTEM

Standard on all vertical air conditioning units above 600W, this dissipation system saves energy as it draws no power, eliminating condensate without the need to channel it externally.

CONDENSATE DRAIN

Safety first! All air conditioners are equipped with an external condensate drain, ensuring the safety of the systems in any and all situations.



ITEM CODE FORMATION

POSITION	1-3	4-5	6	7	8	9	10-14
AIR CONDITIONER CODING	EGO	10	B	T	1	B	00000

1	2	3	Machine type
S	K	Y	Door- or wall-mount air conditioners
F	L	Y	Door- or wall-mount air conditioners
E	G	O	Door- or wall-mount air conditioners
D	E	K	Roof-mount air conditioners
E	M	O	Wall-mount air conditioners for outdoor applications
B	L	U	Air-water heat exchangers for door or wall installation
B	I	T	Air-water heat exchangers for roof installation
M	I	X	Air-air heat exchangers
F	A	N	Ventilation units with filter
F	I	L	Grilles with filter
D	L	K	Roof-mount fans
D	L	R	Roof-mount natural ventilation units
W	I	D	Anti-condensation heaters

POSITION 1-3
Product Name

4	5	Unit Size
-	-	

POSITION 4-5

6	Standard voltage	
	Nominal voltage	Voltage range
B	230 V 1~ 50-60 Hz	[210-250 V 1~ 50-60 Hz]
C	115 V 1~ 50-60 Hz	[105-125 V 1~ 50-60 Hz]
G	400/440 V 2~ 50-60 Hz	[380-420 V 50-60 Hz/420-460 V 50-60 Hz]
H	400 V 3~ 50 Hz/460 V 3~ 60 Hz	[380-420 V 3~ 50 Hz/440-480 V 3~ 60 Hz]
K	400/460 V 2~ 50-60 Hz	[380-420 V 50-60 Hz/440-480 V 50-60 Hz]
L	400 V 3~ 50-60 Hz	[380-420 V 3~ 50 Hz/400-440 V 3~ 60 Hz]
M	400 V 3~ 50 Hz	[380-420 V 3~ 50 Hz]
N	460 V 3~ 60 Hz	[440-480 V 3~ 60 Hz]
U	24 V DC	[20-28 V DC]
V	48 V DC	[40-56 V DC]
X	Special voltage or lack of power supply	
Z	110-250 V AC/DC	

POSITION 6

7	Control and regulation
M	Electromechanical thermostat (SKY-FLY-EGO-DEK-EMO)
T	Electronic thermostat (SKY-FLY-EGO-DEK)
X	No regulation device (SKY-FLY-EGO-DEK-MIX-DLK-DLR-BLU-BIT)
V	Model fitted with thermostat and solenoid valve (BLU-BIT)
L	Model fitted with level switch and solenoid valve (BLU-BIT)
F	Model fitted with thermostat, level switch and solenoid valve (BLU-BIT)

POSITION 7
SKY-FLY-EGO-DEK-EMO-MIX-DLK-DLR-BLU-BIT models

7	Ventilation and filtration
H	High-filtration filter + reversible cabinet ext. - int. flow fan (FAN)
N	Standard filter + reversible cabinet ext. - int. flow fan (FAN)
L	With fan (WID)
X	No ventilation device (WID)

POSITION 7
FAN-FIL-WID models

8		Certification, filtration and installation
0	CE	Flexible installation (SKY-FLY-EGO-MIX)
1	CE	External installation (EGO-EMO)
F	CE	Flexible installation + PU filter (SKY-FLY-EGO)
E	CE	External installation + PU filter (EGO-EMO)
M	CE	Flexible installation + metal filter (SKY-FLY-EGO)
N	CE	External installation + metal filter (EGO-EMO)
U	UL	Flexible installation (FLY-EGO)
V	UL	External installation (EGO)
K	UL	Flexible installation + PU filter (FLY-EGO)
J	UL	External installation + PU filter (EGO)
W	UL	Flexible installation + metal filter (FLY-EGO)
Y	UL	External installation + metal filter (EGO)

POSITION 8
SKY-FLY-EGO-EMO-MIX models

8		Certification, filtration and installation
0	CE	External installation (DEK-BIT-BLU)
F	CE	External installation + PU filter (DEK)
M	CE	External installation + metal filter (DEK)
U	UL	External installation (DEK-BLU)
K	UL	External installation + PU filter (DEK)
W	UL	External installation + metal filter (DEK)

POSITION 8
DEK-BIT-BLU models

8		Certification
0	CE	
U	UL	

POSITION 8
FAN-FIL-DLK-DLR-WID models

9	Colour
A	RAL 7032 embossed effect
B	RAL 7035 embossed effect
D	RAL 6011 embossed effect
F	RAL 7032 gloss
L	RAL 6011 gloss
Q	RAL 7035 gloss
9	Stainless steel

POSITION 9

9	Size and regulation
X	Standard size without thermostat
C	Compact size without thermostat
T	Standard size with thermostat
P	Standard size with protected surfaces

POSITION 9
WID models

POSITION 10-14
Progressive numbering only for special versions

DEK

Roof-mount air conditioners

Compact size and robust design, combined with the best condensate management on the market, make the DEK series the ideal solution for roof installation.



DEK

Roof-mount air conditioners

WIDE RANGE OF POWER OUTPUTS

The available power outputs range from 410 to 3850 W, covering most electrical cabinet cooling requirements in an extremely compact size.

PROTECTION FROM CONDENSATE

Great attention has been paid to protecting the cabinet from condensate. Inside the air conditioner is a stainless-steel tray in which the condensate is collected, before being drained off through a service hose and second safety hose.

ELECTRONIC THERMOSTAT

All **texa industries** air conditioning systems are equipped with electronic thermostat as standard.

QUICK INSTALLATION

Installation is very quick by simply drilling the cabinet panel and fastening systems which are included in the air conditioner package. This features provisions for the electrical connections to be made quickly and safely using fast connectors inserted in the base of the unit.

REDUCED MAINTENANCE

All units are equipped with heat exchange surfaces designed to prevent clogging by solid contaminants present in the ambient air. They maintain high levels of efficiency even in demanding environmental conditions, drastically reducing maintenance requirements and thus allowing the air conditioner to operate without an external air filter.

OPTIMISED PROTECTION OF THE CABINET

Thanks to the special internal configuration, which separates the external and internal air flows in a sealed manner, and the self-adhesive coupling gasket, DEK air conditioners allow the cabinet to retain an IP54 rating.

ENVIRONMENTAL PROTECTION

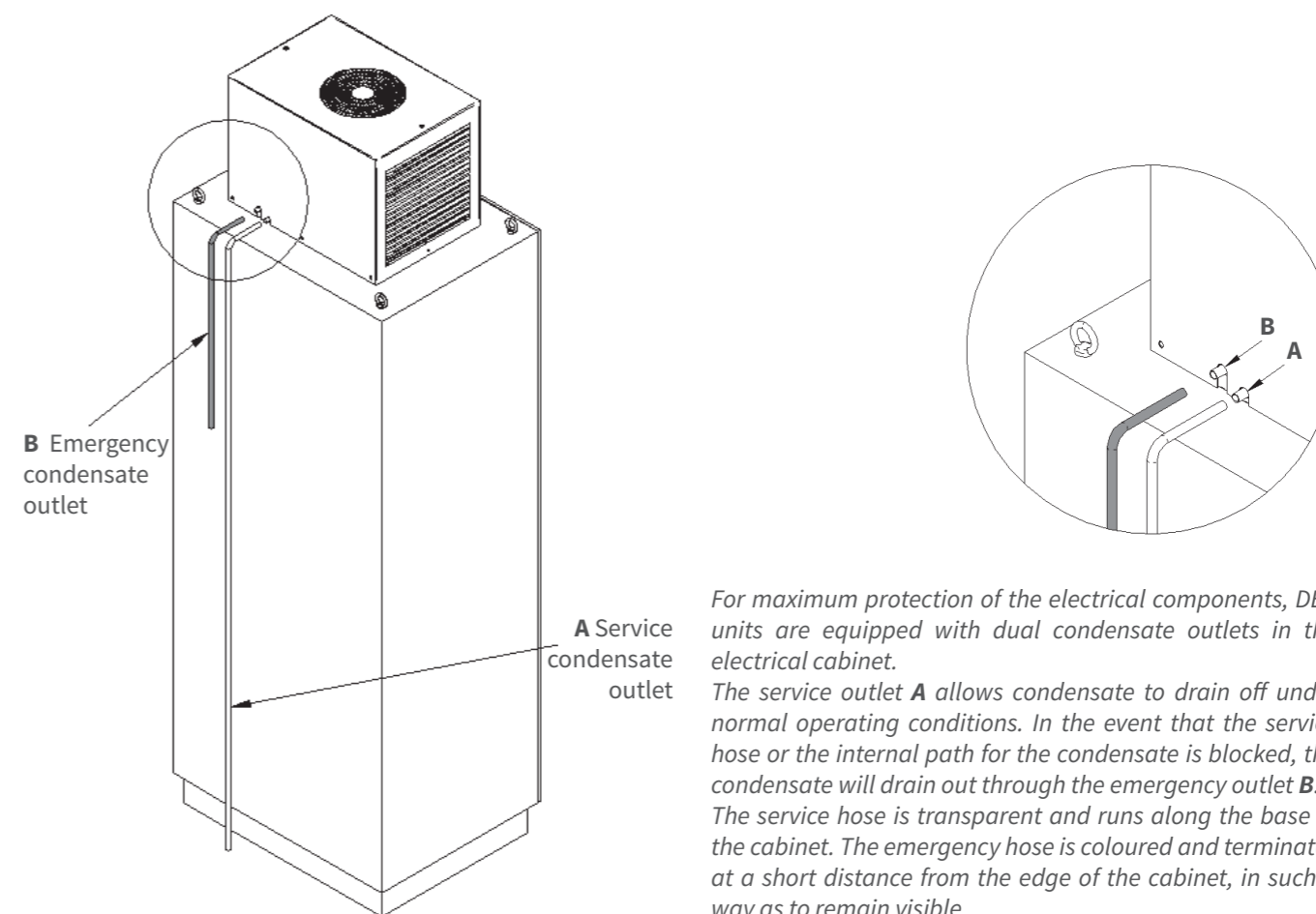
Reduction of noise levels is a precise criterion aimed for when developing DEK air conditioners. They have been designed to minimise disturbance from noise and thus help provide quiet working environments. To help protect the environment, all our air conditioners use R134a CFC-free refrigerant, which does not damage the ozone layer.

SUPPLY VOLTAGE

DEK air conditioners are available for the most common AC voltages: 230V single phase, 400-440V two phase (for concatenated voltage power supply when neutral is not present), 115V single phase, 400V three phase, all in 50-60 Hz dual frequency. On request, versions for voltages not present in the catalogue can be produced for orders of sufficient quantities.

PAINT/COATING

The standard colour is RAL 7035 textured. The coating is epoxy powder coating. Non-standard colours and stainless-steel versions are available on request.



For maximum protection of the electrical components, DEK units are equipped with dual condensate outlets in the electrical cabinet.

The service outlet **A** allows condensate to drain off under normal operating conditions. In the event that the service hose or the internal path for the condensate is blocked, the condensate will drain out through the emergency outlet **B**. The service hose is transparent and runs along the base of the cabinet. The emergency hose is coloured and terminates at a short distance from the edge of the cabinet, in such a way as to remain visible.



Application tips

- When choosing an air conditioner, keep a margin of safety of at least 10% for the power output, taking the most demanding conditions of operation into account.
- Seal the cabinet well. Any cracks or other openings would significantly reduce the efficiency of the air conditioner and produce excessive amounts of condensate.
- Regularly inspect the condensate collection tray in order to remove any impurities.
- The air conditioner is factory set to 35°C, the optimum temperature for most applications. Unless strictly necessary, avoiding lowering this temperature because it would reduce the efficiency of the air conditioner and cause excessive condensate production.
- Try to facilitate the air flow inside the electrical cabinet when designing the layout of the components. Avoid blocking the air inlet or outlet with components installed too close together. Any components with internal ventilation of their own must have their air flow arranged so as to not impede the air flow of the air conditioner.
- Disable the air conditioner if the cabinet doors are opened to prevent excessive condensate production. Install a limit switch on the door for this purpose.
- The air conditioner power supply line must be protected with a time delay fuse or circuit breaker of suitable size on the basis of the unit's technical data.

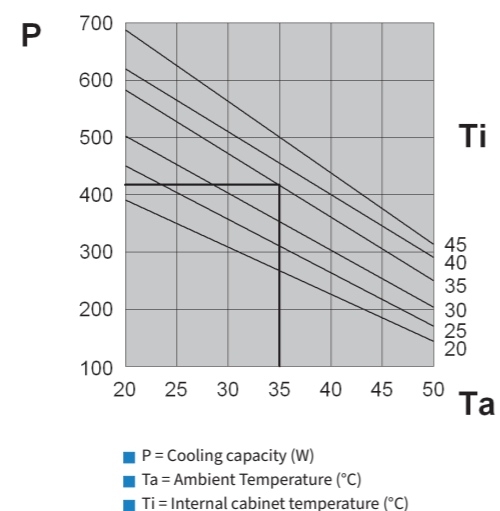
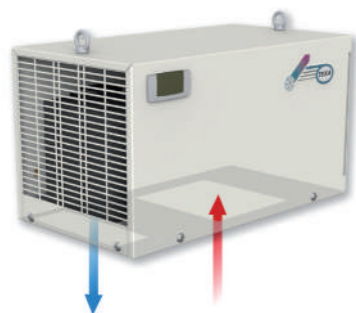
DEK04

Roof-mount air conditioners

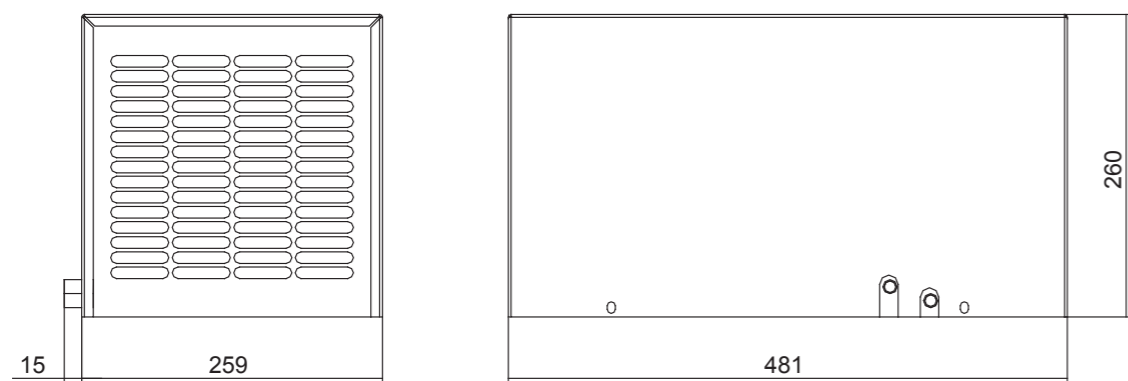
COOLING CAPACITY

410 W

Performance



Dimensions



Features	UoM	DEK04BT0B	DEK04BTUB	DEK04CT0B
Cooling capacity EN14511 - A35A35	W	410	410	410
Cooling capacity EN14511 - A35A50	W	240	240	240
Power supply	V - Hz	230 1~50-60	230 1~50-60	115 1~60
Width	mm	259	259	259
Height	mm	260	260	260
Depth	mm	481	481	481
Max current	A	1.5	1.5	2.9
Inrush current	A	4	4	10
T Fuse	A	4	4	6
Power draw EN14511 - A35A35	W	270	230	280
Power draw EN14511 -A35A50	W	315	290	325
Operating cycle	-	100%	100%	100%
Electrical connection	-	4-pin plug	4-pin plug	4-pin plug
R134a Refrigerant	kg	0.17	0.29	0.17
Max refrigeration circuit pressure	bar	26	28	26
External air fan capacity	m ³ /h	330	330	330
Cabinet air fan capacity	m ³ /h	235	235	235
Internal temperature range	°C	20-50	20-50	20-50
Temperature regulation	-	Electronic thermostat, factory set to 35°C		
External temperature range	°C	20-55*	20-55*	20-50
EN60529 ingress protection - cabinet side	-	IP54	IP54	IP54
EN60529 ingress protection - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	60	65	60
Weight	kg	18	18	19
Colour	-	RAL 7035 embossed effect		
Conformity	-	CE	CE	CE

* 50 °C at 60 Hz

Accessories	
Pack of 5 fabric air filters	C15000171
Pack of 1 metal air filter	C15000172
External stainless-steel framework	
Coating in non-standard colour	

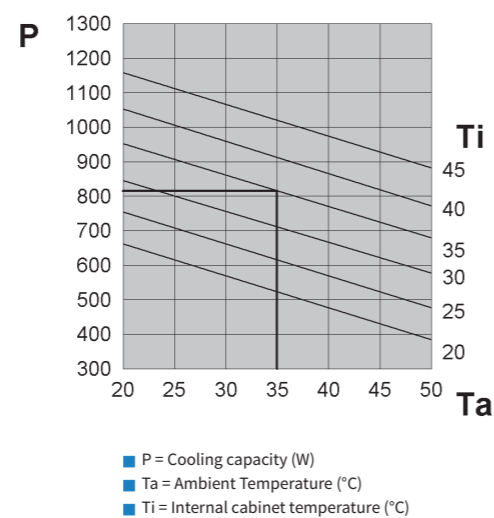
DEK08

Roof-mount air conditioners

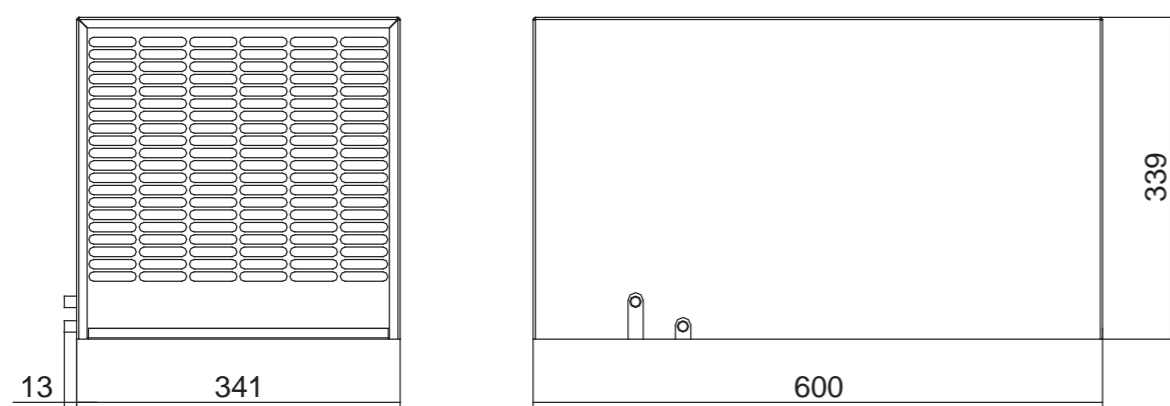
COOLING CAPACITY

820 W

Performance



Dimensions



Features	UoM	DEK08BT0B	DEK08BTUB	DEK08CT0B	DEK08GT0B
Cooling capacity EN14511 - A35A35	W	820	820	820	820
Cooling capacity EN14511 - A35A50	W	680	680	680	680
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	341	341	341	341
Height	mm	339	339	339	339
Depth	mm	600	600	600	600
Max current	A	2.9	3.5	5.7	1.7
Inrush current	A	12	12	19	7
T Fuse	A	6	6	10	4
Power draw EN14511 - A35A35	W	510	520	520	520
Power draw EN14511 -A35A50	W	560	590	570	570
Operating cycle	-	100%	100%	100%	100%
Electrical connection	-	4-pin plug	4-pin plug	4-pin plug	4-pin plug
R134a Refrigerant	kg	0.31	0.31	0.31	0.31
Max refrigeration circuit pressure	bar	25	28	25	25
External air fan capacity	m ³ /h	860	860	860	860
Cabinet air fan capacity	m ³ /h	570	570	570	570
Internal temperature range	°C	20-50	20-50	20-50	20-50
Temperature regulation	-	Electronic thermostat factory set to 35°C			
External temperature range	°C	20-55*	20-55*	20-50	20-50
EN60529 ingress protection - cabinet side	-	IP54	IP54	IP54	IP54
EN60529 ingress protection - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	62	65	62	62
Weight	kg	23	23	24	24
Colour	-	RAL 7035 embossed effect			
Conformity	-	CE	CE e RA	CE	CE

* 50 °C at 60 Hz

Accessories

Pack of 5 fabric air filters	C15000173
Pack of 1 metal air filter	C15000174
Condensate level indicator	C16000140
External stainless-steel framework	
Coating in non-standard colour	

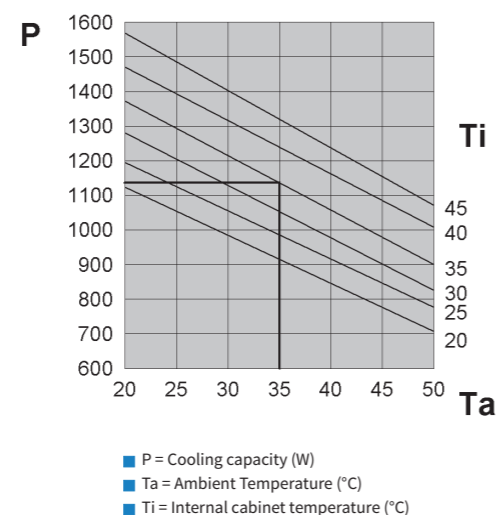
DEK12

Roof-mount air conditioners

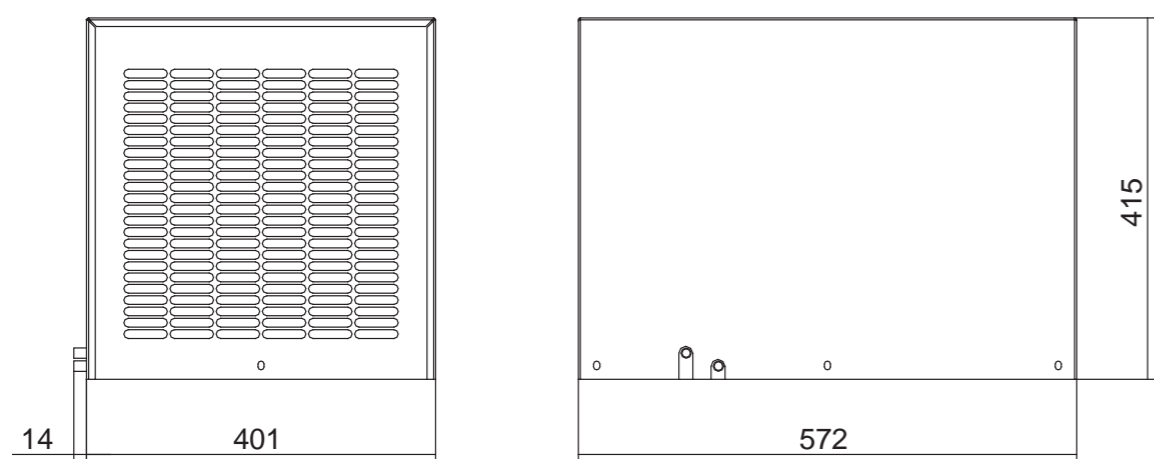
COOLING CAPACITY

1150 W

Performance



Dimensions



Features	UoM	DEK12BT0B	DEK12BTUB	DEK12CT0B	DEK12GT0B
Cooling capacity EN14511 - A35A35	W	1150	1150	1150	1150
Cooling capacity EN14511 - A35A50	W	900	900	900	900
Power supply	V - Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	401	401	401	401
Height	mm	415	415	415	415
Depth	mm	572	572	572	572
Max current	A	3.2	4	6.4	2.2
Inrush current	A	11	11	22	8
T Fuse	A	6	6	12	6
Power draw EN14511 - A35A35	W	550	570	560	560
Power draw EN14511 -A35A50	W	660	690	670	670
Operating cycle	-	100%	100%	100%	100%
Electrical connection	-	4-pin plug	4-pin plug	4-pin plug	4-pin plug
R134a Refrigerant	kg	0.63	0.44	0.63	0.63
Max refrigeration circuit pressure	bar	25	28	25	25
External air fan capacity	m ³ /h	1010	1010	1010	1010
Cabinet air fan capacity	m ³ /h	570	570	570	570
Internal temperature range	°C	20-50	20-50	20-50	20-50
Temperature regulation	-	Electronic thermostat factory set to 35°C			
External temperature range	°C	20-55*	20-50	20-50	20-50
EN60529 ingress protection - cabinet side	-	IP54	IP54	IP54	IP54
EN60529 ingress protection - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	65	65	65	65
Weight	kg	40	40	42	42
Colour	-	RAL 7035 embossed effect			
Conformity	-	CE	CE	CE	CE

* 50 °C at 60 Hz

Accessories

Pack of 5 fabric air filters	AADFP12
Pack of 1 metal air filter	AADFM12
Condensate level indicator	C16000140
External stainless-steel framework	
Coating in non-standard colour	

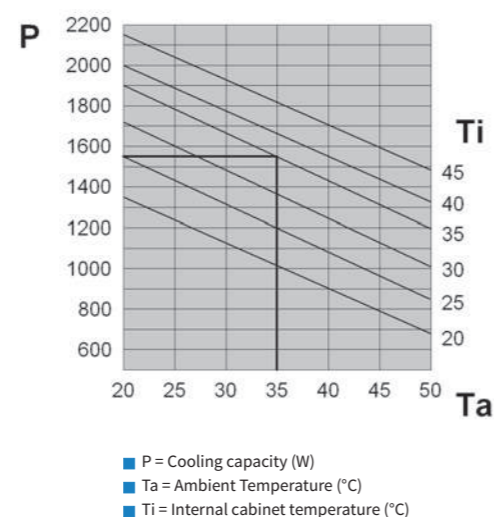
DEK15

Roof-mount air conditioners

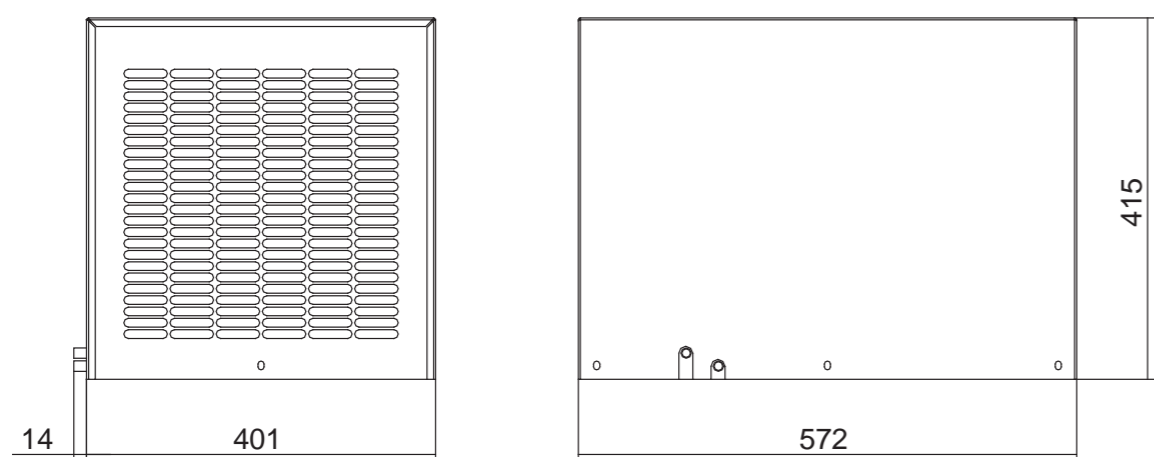
COOLING CAPACITY

1550 W

Performance



Dimensions



Features	UoM	DEK15BT0B	DEK15BTUB	DEK15CT0B	DEK15GT0B
Cooling capacity EN14511 - A35A35	W	1550	1550	1550	1550
Cooling capacity EN14511 - A35A50	W	1200	1200	1200	1200
Power supply	V - Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	401	401	401	401
Height	mm	415	415	415	415
Depth	mm	572	572	572	572
Max current	A	4.5	5.5	10	2.8
Inrush current	A	18	18	39	9.6
T Fuse	A	8	10	16	4
Power draw EN14511 - A35A35	W	810	830	820	820
Power draw EN14511 -A35A50	W	930	960	940	940
Operating cycle	-	100%	100%	100%	100%
Electrical connection	-	4-pin plug	4-pin plug	4-pin plug	4-pin plug
R134a Refrigerant	kg	0.54	0.41	0.54	0.54
Max refrigeration circuit pressure	bar	25	28	25	25
External air fan capacity	m ³ /h	1820	1820	1820	1820
Cabinet air fan capacity	m ³ /h	860	860	860	860
Internal temperature range	°C	20-50	20-50	20-50	20-50
Temperature regulation	-	Electronic thermostat factory set to 35°C			
External temperature range	°C	20-55*	20-50	20-50	20-50
EN60529 ingress protection - cabinet side	-	IP54	IP54	IP54	IP54
EN60529 ingress protection - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	65	65	65	65
Weight	kg	44	44	46	46
Colour	-	RAL 7035 embossed effect			
Conformity	-	CE	CE eRU	CE	CE

* 50 °C at 60 Hz

Accessories	
Pack of 5 fabric air filters	AADFP12
Pack of 1 metal air filter	AADFM12
Condensate level indicator	C16000140
External stainless-steel framework	
Coating in non-standard colour	

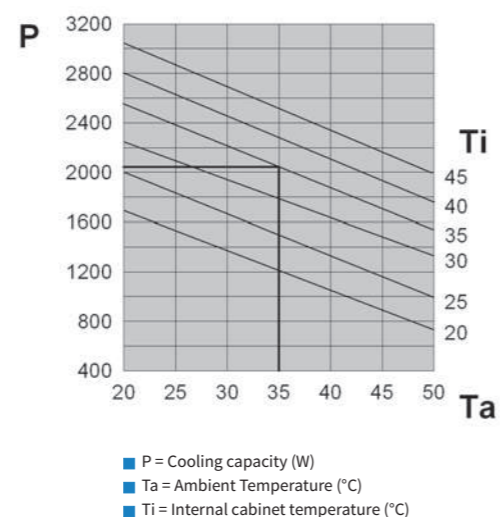
DEK20

Roof-mount air conditioners

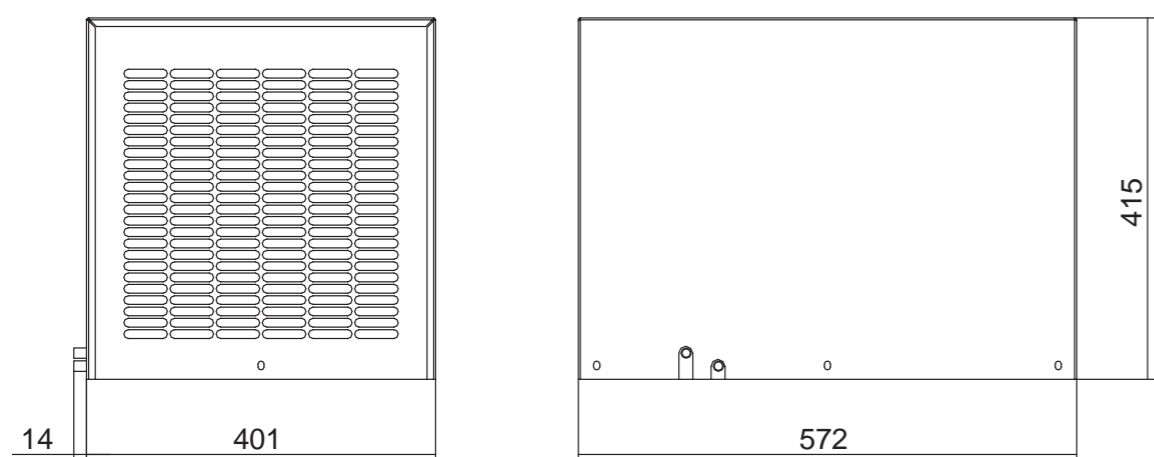
COOLING CAPACITY

2050 W

Performance



Dimensions



Features	UoM	DEK20BT0B	DEK20CT0B	DEK20LT0B	DEK20TUB
Cooling capacity EN14511 - A35A35	W	2050	2050	2050	2050
Cooling capacity EN14511 - A35A50	W	1560	1560	1560	1560
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400 3~ 50-60	460 3~ 60
Width	mm	401	401	401	401
Height	mm	415	415	415	415
Depth	mm	572	572	572	572
Max current	A	6	13.2	1.9	2.1
Inrush current	A	24	48	10	10
T Fuse	A	10	20	4	6
Power draw EN14511 - A35A35	W	1190	1220	990	1060
Power draw EN14511 -A35A50	W	1300	1320	1190	1290
Operating cycle	-	100%	100%	100%	100%
Electrical connection	-	4-pin plug	4-pin plug	4-pin plug	4-pin plug
R134a Refrigerant	kg	0.55	0.55	0.55	0.70
Max refrigeration circuit pressure	bar	25	25	25	28
External air fan capacity	m ³ /h	1820	1820	1820	1820
Cabinet air fan capacity	m ³ /h	1050	1050	1050	1050
Internal temperature range	°C	20-50	20-50	20-50	20-50
Temperature regulation	-	Electronic thermostat factory set to 35°C			
External temperature range	°C	20-55*	20-50	20-50	20-50
EN60529 ingress protection - cabinet side	-	IP54	IP54	IP54	IP54
EN60529 ingress protection - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	65	65	65	65
Weight	kg	50	56	52	52
Colour	-	RAL 7035 embossed effect			
Conformity	-	CE	CE	CE	CE

* 50 °C at 60 Hz

Accessories	
Pack of 5 fabric air filters	AADFP12
Pack of 1 metal air filter	AADFM12
Condensate level indicator	C16000140
External stainless-steel framework	
Coating in non-standard colour	

DEK30

Roof-mount air conditioners

COOLING CAPACITY

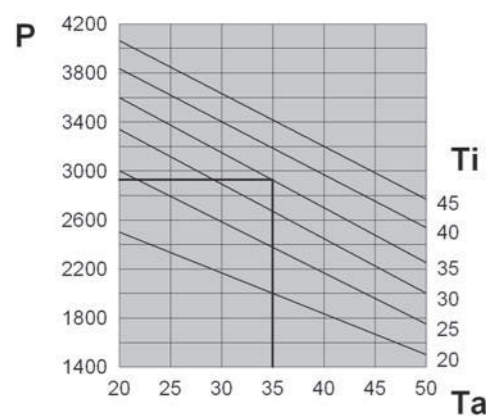
2900 W



Features	UoM	DEK30BT0B	DEK30LT0B	DEK30NTUB
Cooling capacity EN14511 - A35A35	W	2900	2900	2900
Cooling capacity EN14511 - A35A50	W	2250	2250	2250
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60	460 3~ 60
Width	mm	492	492	492
Height	mm	496	496	496
Depth	mm	784	784	784
Max current	A	8.2	2.5	3.3
Inrush current	A	38.4	15.7	15.7
T Fuse	A	16	6	6
Power draw EN14511 - A35A35	W	1350	1210	1310
Power draw EN14511 -A35A50	W	1610	1450	1750
Operating cycle	-	100%	100%	100%
Electrical connection	-	4-pin plug	4-pin plug	4-pin plug
R134a Refrigerant	kg	1.26	1.2	1.2
Max refrigeration circuit pressure	bar	25	25	28
External air fan capacity	m ³ /h	3410	3410	3410
Cabinet air fan capacity	m ³ /h	860	860	860
Internal temperature range	°C	20-50	20-50	20-50
Temperature regulation	-	Electronic thermostat, factory set to 35°C		
External temperature range	°C	20-50	20-50	20-50
EN60529 ingress protection - cabinet side	-	IP54	IP54	IP54
EN60529 ingress protection - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	75	75	75
Weight	kg	80	83	83
Colour	-	RAL 7035 embossed effect		
Conformity	-	CE	CE	CE

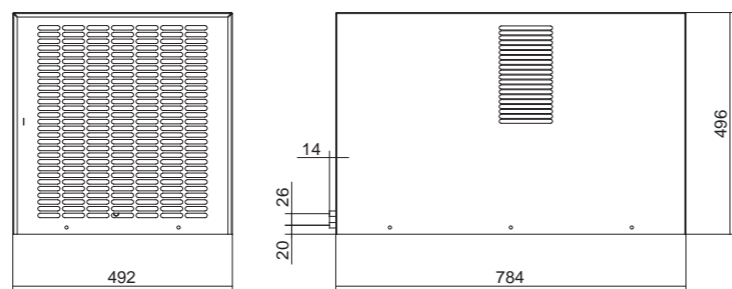
Accessories	
Pack of 5 fabric air filters	AADFP30
Pack of 1 metal air filter	AADFM30
Condensate level indicator	C16000140
External stainless-steel framework	
Coating in non-standard colour	

Performance



■ P = Cooling capacity (W)
 ■ Ta = Ambient Temperature (°C)
 ■ Ti = Internal cabinet temperature (°C)

Dimensions



DEK40

Roof-mount air conditioners

COOLING CAPACITY

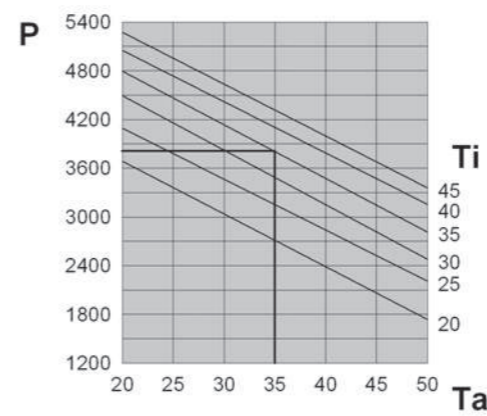
3850 W



Features	UoM	DEK40BT0B	DEK40LT0B	DEK40NTUB
Cooling capacity EN14511 - A35A35	W	3850	3850	3850
Cooling capacity EN14511 - A35A50	W	2870	2870	2870
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60	460 3~ 60
Width	mm	492	492	492
Height	mm	496	496	496
Depth	mm	784	784	784
Max current	A	9	3.4	4.3
Inrush current	A	38.2	17	17
T Fuse	A	18	6	6
Power draw EN14511 - A35A35	W	1690	1630	1950
Power draw EN14511 -A35A50	W	1950	1890	2160
Operating cycle	-	100%	100%	100%
Electrical connection	-	4-pin plug	4-pin plug	4-pin plug
R134a Refrigerant	kg	1.8	2	2
Max refrigeration circuit pressure	bar	25	25	25
External air fan capacity	m ³ /h	3410	3410	3410
Cabinet air fan capacity	m ³ /h	1450	1450	1450
Internal temperature range	°C	20-50	20-50	20-50
Temperature regulation	-	Electronic thermostat, factory set to 35°C		
External temperature range	°C	20-50	20-50	20-50
EN60529 ingress protection - cabinet side	-	IP54	IP54	IP54
EN60529 ingress protection - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	75	75	75
Weight	kg	83	86	86
Colour	-	RAL 7035 embossed effect		
Conformity	-	CE	CE	CE

Accessories	
Pack of 5 fabric air filters	AADFP30
Pack of 1 metal air filter	AADFM30
Condensate level indicator	C16000140
External stainless-steel framework	
Coating in non-standard colour	

Performance



■ P = Cooling capacity (W)
 ■ Ta = Ambient Temperature (°C)
 ■ Ti = Internal cabinet temperature (°C)

Dimensions

