



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 US	Flexible installation (FLY-EGO)
V	UL US	External installation (EGO)
K	UL US	Flexible installation + PU filter (FLY-EGO)
J	UL US	External installation + PU filter (EGO)
W	UL US	Flexible installation + metal filter (FLY-EGO)
Y	UL US	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 US	External installation (DEK-BLU)
K	UL US	External installation + PU filter (DEK)
W	UL US	External installation + metal filter (DEK)

POSITION 8 DEK-BIT-BLU models

8	Certification	
0	CE	
U	UL US	

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

FLY

Door- or wall-mount air conditioners

A revolutionary installation system combined with an attractive design with significantly reduced depth make FLY air conditioners perfect for any automation panels.



WIDE RANGE OF POWER OUTPUTS

The available power outputs range from 1100 to 3200 W, covering most electrical cabinet cooling requirements in an extremely compact size.

FLEXIBILITY OF INSTALLATION

The units can be installed outside the cabinet (external) or integrated (recessed or semi recessed), without the need for additional installation accessories. This feature, made possible by the modular structure of the units, leaves users free to choose the installation type without any restrictions. A SINGLE DRILLING TEMPLATE FOR THE WHOLE RANGE

ATTRACTIVE APPEARANCE

The attractive design of the grille provides a positive aesthetic impact which supplements and improves the look of the cabinet.

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 rear of the unit.

IDEAL COOLING FOR THE UNIT

The air inside the cabinet is taken in from the upper part of the cabinet, cooled inside the air conditioner and directed back into the cabinet with a high-speed flow directed towards the bottom. This ensures both optimum cooling of the entire cabinet and the prevention of hot points in the electronic components.

REDUCED MAINTENANCE

All units are equipped with heat exchange surfaces designed to prevent clogging by solid contaminants present in the ambient air. The condensing coils are protected by a **HYDROPHILIC TREATMENT** which prevents dirt and corrosion. 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.

IP55 CABINET INGRESS PROTECTION

Thanks to the special internal configuration, which separates the external and internal air flows in a sealed manner, and the new self-adhesive coupling gasket, FLY air conditioners allow the cabinet to retain an IP55 rating.

ANTI-CONDENSATION EVAPORATION SYSTEM

FLY air conditioners are equipped with an **INTEGRATED CONDENSATE RECOVERY SYSTEM** which allows installation costs to be further reduced.

ENVIRONMENTAL PROTECTION

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

SUPPLY VOLTAGE

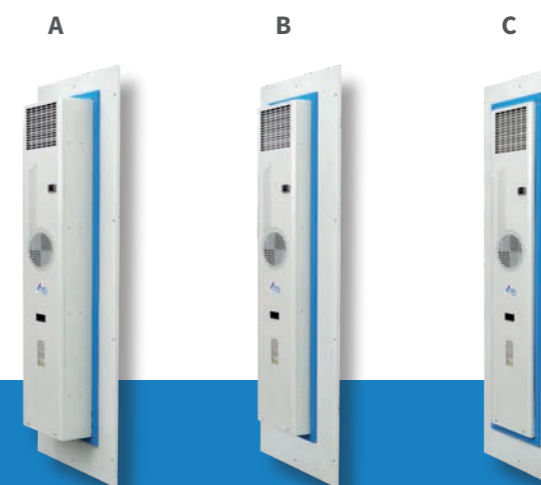
FLY air conditioners are available for the most common AC voltages: 230V single phase, 400-460V two phase (for concatenated voltage power supply when neutral is not present). 400V three phase 50 Hz and 460 V three phase 60 Hz. On request, versions for voltages not present in the catalogue can be produced 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.

CERTIFICATIONS

All FLY models are CE and UL certified in the standard supply voltages.



Three installation options:

A External - **B** Semi-recessed - **C** Internal



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.
- The air conditioner may be installed on the door or the wall, but always in the highest possible position in order to ensure that air is taken in from the top part of the cabinet, where there is a high temperature area.
- 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.

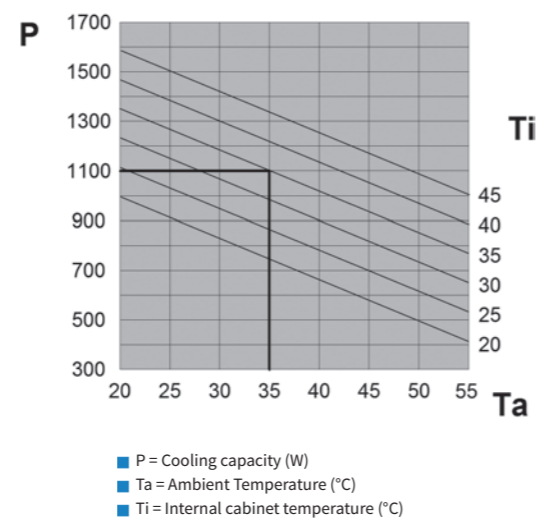
FLY11

Door- or wall-mount air conditioners

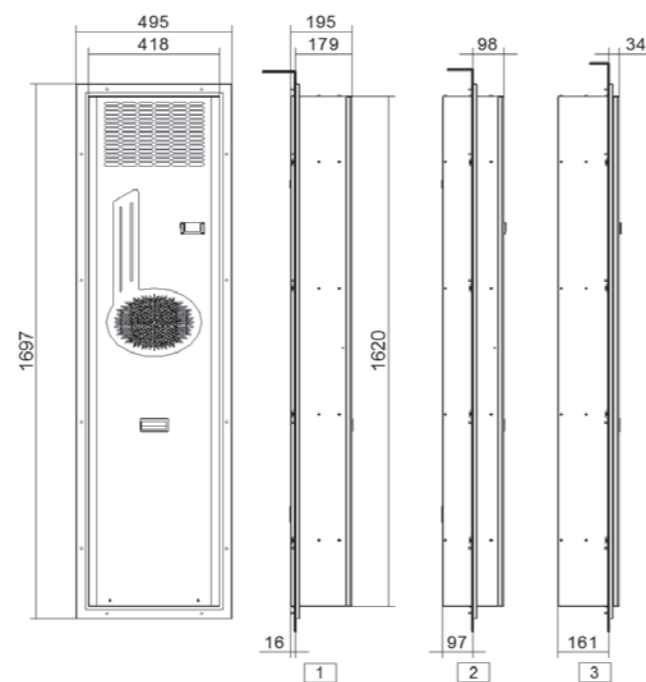
COOLING CAPACITY

1100 W

Performance



Dimensions



Features	UoM	FLY11BT0B	FLY11BTUB	FLY11KT0B	FLY11KTUB
Cooling capacity EN14511 - A35A35	W	1100	1100	1100	1100
Cooling capacity EN14511 - A35A50	W	860	860	860	860
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	400/460 2~ 50-60	400/460 2~ 50-60
Width	mm	495	495	495	495
Height	mm	1697	1697	1697	1697
Depth	mm	195	195	195	195
Max current	A	6	6	3	3
Inrush current	A	21	21	8.5	8.5
T Fuse	A	10	10	5	5
Power draw EN14511 - A35A35	W	850	850	850	850
Power draw EN14511 -A35A50	W	980	980	980	980
Operating cycle	-	100%	100%	100%	100%
Electrical connection	-	4-pin plug	4-pin plug	4-pin plug	4-pin plug
R134a Refrigerant	kg	0.36	0.36	0.36	0.36
Max refrigeration circuit pressure	bar	28	28	28	28
External air fan capacity	m ³ /h	860	860	860	860
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	20-55	20-55	20-55
EN60529 ingress protection - cabinet side	-	IP55	IP55	IP55	IP55
EN60529 ingress protection - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	64	64	64	64
Weight	kg	57	57	59	59
Colour	-	RAL 7035 embossed effect			
Conformity	-	CE	CE	CE	CE

Accessories	
Pack of 5 fabric air filters	C15000181
Pack of 1 metal air filter	C15000182
External stainless-steel framework	
Coating in non-standard colour	

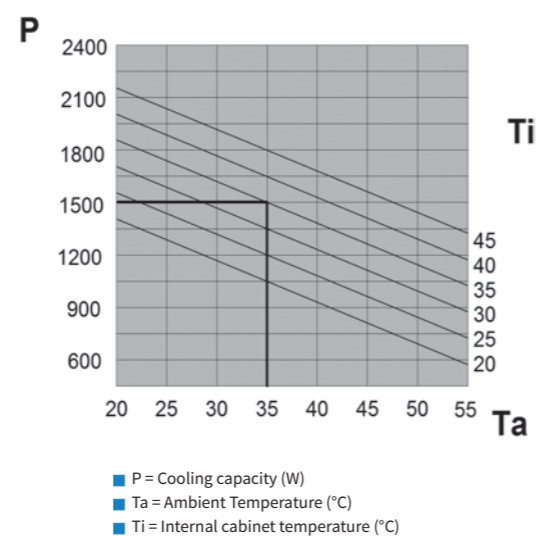
FLY15

Door- or wall-mount air conditioners

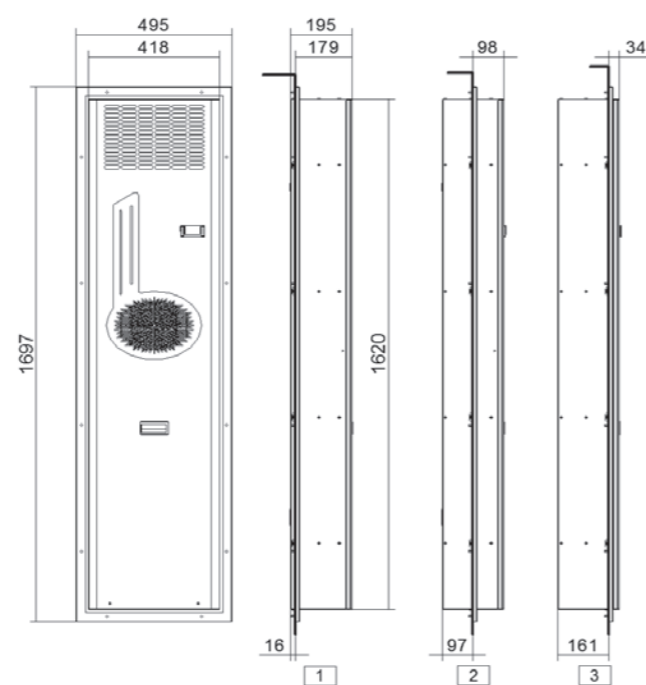
COOLING CAPACITY

1500 W

Performance



Dimensions



Features	UoM	FLY15BT0B	FLY15BTUB	FLY15KT0B	FLY15KTUB
Cooling capacity EN14511 - A35A35	W	1500	1500	1500	1500
Cooling capacity EN14511 - A35A50	W	1150	1150	1150	1150
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	400/460 2~ 50-60	400/460 2~ 50-60
Width	mm	495	495	495	495
Height	mm	1697	1697	1697	1697
Depth	mm	195	195	195	195
Max current	A	6.3	6.3	3.5	3.5
Inrush current	A	24	24	10.5	10.5
T Fuse	A	10	10	6	6
Power draw EN14511 - A35A35	W	1020	1020	1020	1020
Power draw EN14511 - A35A50	W	1290	1290	1290	1290
Operating cycle	-	100%	100%	100%	100%
Electrical connection	-	4-pin plug	4-pin plug	4-pin plug	4-pin plug
R134a Refrigerant	kg	0.41	0.41	0.41	0.41
Max refrigeration circuit pressure	bar	28	28	28	28
External air fan capacity	m ³ /h	1050	1050	1050	1050
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	20-55	20-55	20-55
EN60529 ingress protection - cabinet side	-	IP55	IP55	IP55	IP55
EN60529 ingress protection - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	66	66	66	66
Weight	kg	59	59	61	61
Colour	-	RAL 7035 embossed effect			
Conformity	-	CE	CE	CE	CE

Accessories

Pack of 5 fabric air filters	C15000181
Pack of 1 metal air filter	C15000182
External stainless-steel framework	
Coating in non-standard colour	

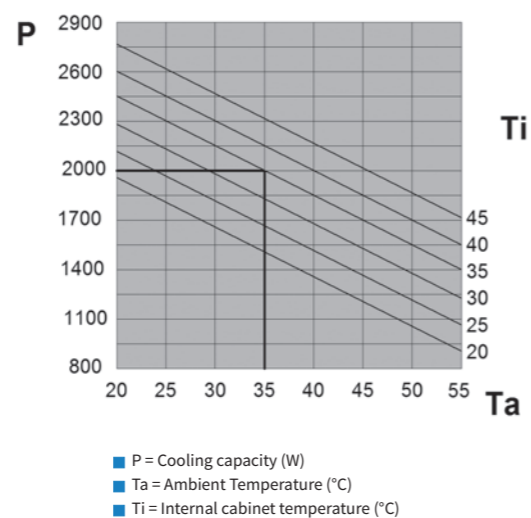
FLY20

Door- or wall-mount air conditioners

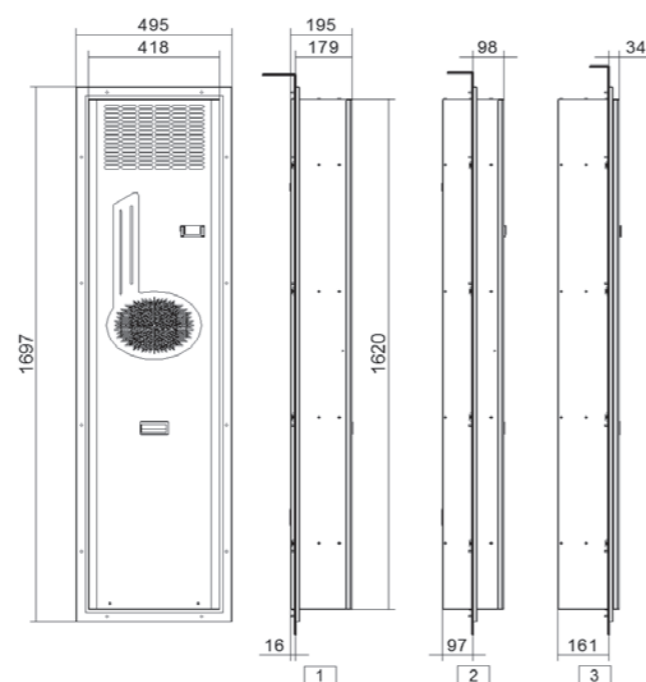
COOLING CAPACITY

2000 W

Performance



Dimensions



Features	UoM	FLY20BT0B	FLY20BTUB	FLY20HT0B	FLY20HTUB
Cooling capacity EN14511 - A35A35	W	2000	2000	2000	2000
Cooling capacity EN14511 - A35A50	W	1550	1550	1550	1550
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	400 3~ 50/460 3~ 60	400 3~ 50/460 3~ 60
Width	mm	495	495	495	495
Height	mm	1697	1697	1697	1697
Depth	mm	195	195	195	195
Max current	A	6.5	6.5	3	3
Inrush current	A	27	27	10	10
T Fuse	A	11	11	6	6
Power draw EN14511 - A35A35	W	1290	1290	1410	1410
Power draw EN14511 - A35A50	W	1520	1520	1620	1620
Operating cycle	-	100%	100%	100%	100%
Electrical connection	-	4-pin plug	4-pin plug	4-pin plug	4-pin plug
R134a Refrigerant	kg	0.49	0.53	0.57	0.56
Max refrigeration circuit pressure	bar	28	28	28	28
External air fan capacity	m ³ /h	1050	1050	1050	1050
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	20-55	20-55	20-55
EN60529 ingress protection - cabinet side	-	IP55	IP55	IP55	IP55
EN60529 ingress protection - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	67	67	67	67
Weight	kg	67	67	69	69
Colour	-	RAL 7035 embossed effect			
Conformity	-	CE	CE	CE	CE

Accessories

Pack of 5 fabric air filters	C15000181
Pack of 1 metal air filter	C15000182
External stainless-steel framework	
Coating in non-standard colour	

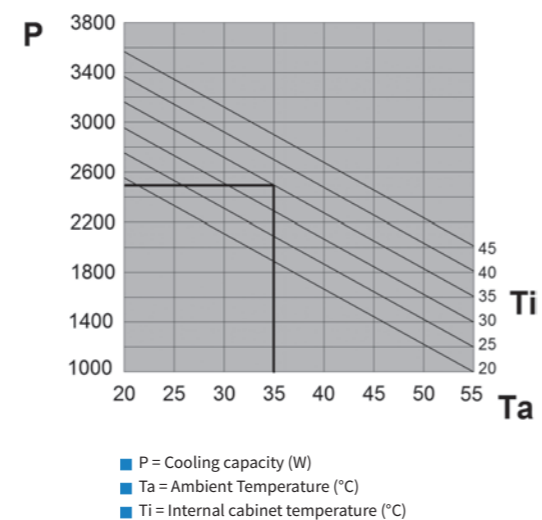
FLY25

Door- or wall-mount air conditioners

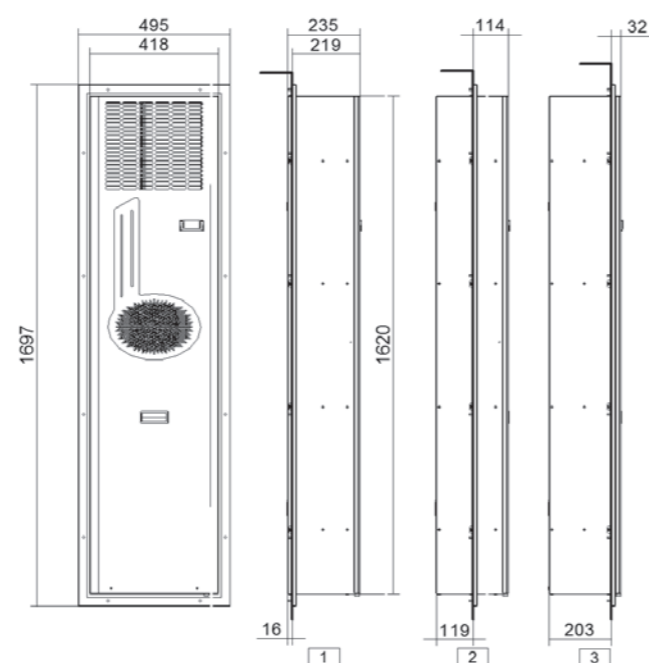
COOLING CAPACITY

2500 W

Performance



Dimensions



Features	UoM	FLY25BT0B	FLY25BTUB	FLY25HT0B	FLY25HTUB
Cooling capacity EN14511 - A35A35	W	2500	2500	2500	2500
Cooling capacity EN14511 - A35A50	W	1850	1850	1850	1850
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	400 3~ 50/460 3~ 60	400 3~ 50/460 3~ 60
Width	mm	495	495	495	495
Height	mm	1697	1697	1697	1697
Depth	mm	235	235	235	235
Max current	A	10.5	10.5	3.5	3.5
Inrush current	A	35	35	14	14
T Fuse	A	13	13	7	7
Power draw EN14511 - A35A35	W	1640	1640	1690	1690
Power draw EN14511 - A35A50	W	1830	1830	1860	1860
Operating cycle	-	100%	100%	100%	100%
Electrical connection	-	4-pin plug	4-pin plug	4-pin plug	4-pin plug
R134a Refrigerant	kg	0.9	0.7	0.65	0.8
Max refrigeration circuit pressure	bar	28	28	28	28
External air fan capacity	m ³ /h	1450	1450	1450	1450
Cabinet air fan capacity	m ³ /h	1450	1450	1450	1450
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	20-55	20-55
EN60529 ingress protection - cabinet side	-	IP55	IP55	IP55	IP55
EN60529 ingress protection - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	69	69	69	69
Weight	kg	80	80	82	82
Colour	-	RAL 7035 embossed effect			
Conformity	-	CE	CE	CE	CE

Accessories

Pack of 5 fabric air filters	C15000181
Pack of 1 metal air filter	C15000182
External stainless-steel framework	
Coating in non-standard colour	

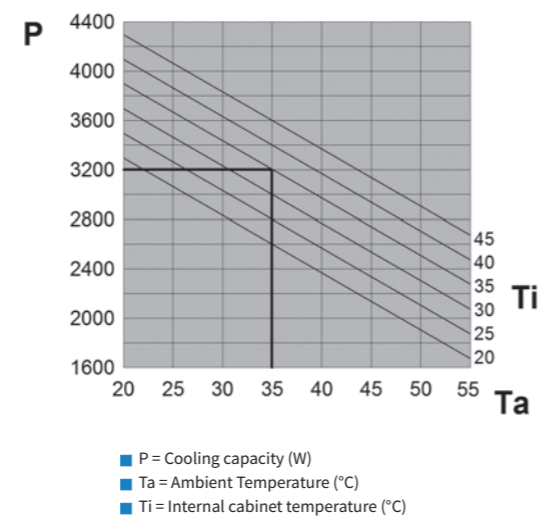
FLY32

Door- or wall-mount air conditioners

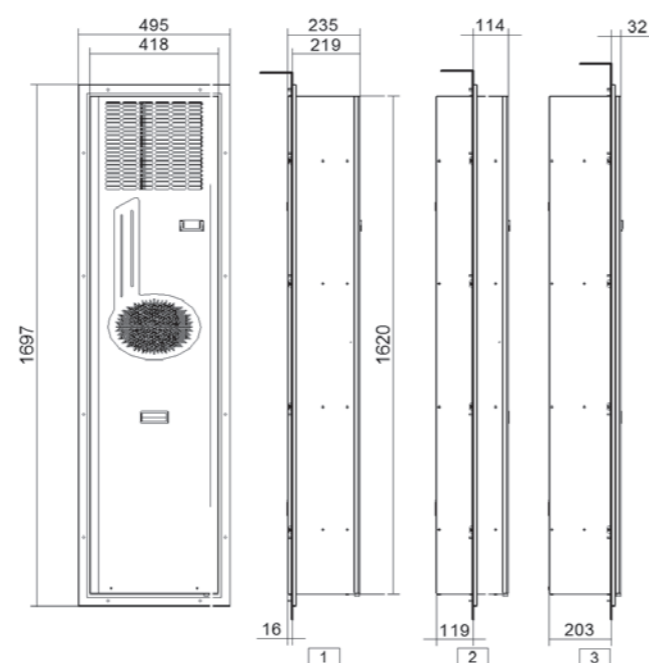
COOLING CAPACITY

3200 W

Performance



Dimensions



Features	UoM	FLY32BT0B	FLY32BTUB	FLY32HT0B	FLY32HTUB
Cooling capacity EN14511 - A35A35	W	3200	3200	3200	3200
Cooling capacity EN14511 - A35A50	W	2500	2500	2500	2500
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	400 3~ 50/460 3~ 60	400 3~ 50/460 3~ 60
Width	mm	495	495	495	495
Height	mm	1697	1697	1697	1697
Depth	mm	235	235	235	235
Max current	A	12	12	4.5	4.5
Inrush current	A	39	39	18	18
T Fuse	A	15	15	8	8
Power draw EN14511 - A35A35	W	1920	1920	1980	1980
Power draw EN14511 - A35A50	W	2240	2240	2290	2290
Operating cycle	-	100%	100%	100%	100%
Electrical connection	-	4-pin plug	4-pin plug	4-pin plug	4-pin plug
R134a Refrigerant	kg	0.8	0.72	0.7	0.9
Max refrigeration circuit pressure	bar	28	28	28	28
External air fan capacity	m ³ /h	1450	1450	1450	1450
Cabinet air fan capacity	m ³ /h	1450	1450	1450	1450
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	20-55	20-55
EN60529 ingress protection - cabinet side	-	IP55	IP55	IP55	IP55
EN60529 ingress protection - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	69	69	69	69
Weight	kg	81	81	83	83
Colour	-	RAL 7035 embossed effect			
Conformity	-	CE	CE	CE	CE

Accessories

Pack of 5 fabric air filters	C15000181
Pack of 1 metal air filter	C15000182
External stainless-steel framework	
Coating in non-standard colour	