ENG

TEXA
CLIMATE CONTROL

pavarini COMPONENTS

C17000018R06

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There is a TEXA answer to all cooling needs

We have made every effort to supply careful data and descriptions.
However, through the continuous development and improvement of our products, any of the information in this catalogue may be altered without warning.

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150	WID15ZX0P	100
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MODEL IDENTIFICATION CODE

COMPONENT

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	10	B	M	0	A	00000

SKY	cooling units for door or wall mounting
FLY	cooling units for door or wall mounting
EGO	cooling units for door or wall mounting
DEK	cooling units for roof mounting
EMO	outdoor cooling units for door or wall mounting
BLU	air-water heat exchangers for door or wall mounting
BIT	air-water heat exchangers for roof mounting
MIX	air-air heat exchangers
FAN	ventilating units with filter
FIL	grilles with filter
DLK	ventilating towers
DLR	natural ventilating towers
WID	anticondensate heaters

COMPONENT 1-3
Product type

COMPONENT 4-5
Unit size

COMPONENT 6
Standard power supply

B	230 V 1~ 50-60 Hz
C	115 V 1~ 50-60 Hz
F	230 V 3~ 50-60 Hz
G	400/440 V 2~ 50-60 Hz
H	400 V 3~ 50 Hz / 460 V 3~ 60 Hz
K	400/460 V 2~ 50-60 Hz
L	400 V 3~ 50-60 Hz (400 V 2~ 50-60 Hz)
M	400 V 3~ 50 Hz
N	460 V 3~ 60 Hz
U	24 V DC
V	48 V DC
X	no power supply
Z	110-250 V AC/DC

COMPONENT 7
Control and setting
SKY-FLY-EGO-DEK-EMO-MIX-DLK-DLR-BLU-BIT models

M	electromechanical thermostat (SKY-FLY-EGO-DEK-EMO)
T	electronic thermostat (SKY-FLY-EGO-DEK)
X	no control (SKY-FLY-EGO-DEK-MIX-DLK-DLR-BLU-BIT)
V	electromechanical thermostat and solenoid valve (BLU-BIT)
L	level switch and solenoid valve (BLU-BIT)
F	electromechanical thermostat, level switch and solenoid valve (BLU-BIT)

Ventilation and filtration
FAN-FIL-WID models

H	high filtering capacity filter + reversible fan, out-to-in flow direction (FAN)
N	standard filter + reversible fan, out-to-in flow direction (FAN)
L	fanned (WID)
X	no fanned (WID)

COMPONENT 8
Conformity, filtration and mounting
SKY-FLY-EGO-EMO-MIX-BLU models

0	CE, flexible mounting (SKY-EGO-BLU-MIX)
1	CE, external mounting (EGO-EMO)
F	CE, PU filter, flexible mounting (SKY-EGO)
E	CE, PU filter, external mounting (EGO-EMO)
M	CE, metal filter, flexible mounting (SKY-EGO)
N	CE, metal filter, external mounting (EGO-EMO)
U	UL, flexible mounting (SKY-FLY-EGO-MIX)
V	UL, external mounting (EGO-EMO)
K	UL, PU filter, flexible mounting (SKY-FLY-EGO)
J	UL, PU filter, external mounting (EGO-EMO)
W	UL, metal filter, flexible mounting (SKY-FLY-EGO)
Y	UL, metal filter, external mounting (EGO-EMO)

Conformity, filtration and mounting
DEK-BIT models

0	CE (DEK-BIT)
F	CE, PU filter (DEK)
M	CE, metal filter (DEK)
U	UL (DEK)
K	UL, PU filter (DEK)
W	UL, metal filter (DEK)

Conformity
FAN-FIL-DLK-DLR-WID models

0	CE
U	UL

COMPONENT 9
Colour

A	RAL 7032 orange peel effect
B	RAL 7035 orange peel effect
D	RAL 6011 orange peel effect
F	RAL 7032 smooth paint
L	RAL 6011 smooth paint
Q	RAL 7035 smooth paint
9	stainless steel

Dimensions and setting
WID models

X	standard dimensions
C	compact
T	standard dimensions with thermostat
P	standard dimension with protected surface

COMPONENT 10-14
Only for special versions

SKY-FLY-EGO-DEK Standard intelligent electronic control

C16000259

The microprocessor-based digital controller ensures constant monitoring of the operating parameters:

-temperature control with ON/OFF adjustment
-display of actual temperature inside the panel
-immediate signalling of anomalies (maximum temperature, minimum temperature, external alarm)
-ability to switch the compressor off if the door is open so as to avoid the formation of condensation
-"compressor protection" function (avoidance of closely spaced compressor starts)
-digital input for signalling of external alarm
-ability to interface with PLCs

Characteristics	M.U.	C16000259
Setting range	°C	-50 +109
Operating temperature limits	°C	-5 +55
Operating humidity limits	RH %	30-95
Protection level EN60529 (frontal)	-	IP65
Protection class (frontal)	-	II
Dimension	mm	33x75x66
Weight	g	150
Connections	-	rapid connectors
Conformity	-	CE

The environment is the one thing we all share

SKY Cooling units for door or wall mounting

Quick and flexible assembly, reliability, minimised maintenance and optimum design are the planning criteria used to guide the construction of the SKY cooling unit series, TEXA's response to the requirements of the most demanding users.

Power range
The range of powers available goes from 1050 to 2050 W.

Assembly flexibility
All the units can be mounted outside the enclosure or recessed without the need for any assembly accessories. Thanks to this feature, made possible by the unit's modular structure, the user is completely free to choose which type of installation he prefers without any restrictions.

Pleasant design
The grille is made in shockproof ABS which has great mechanical strength, is self-extinguishing and conforms to the UL94 V0 standard. The pleasant grille design ensures a positive aesthetic impact that integrates and enhances enclosure appearance.

Electronic regulation control
All TEXA air conditioning units are supplied with electronic adjustment as standard.

Quick installation
Installation is very quick thanks to the simplicity of the holes to be drilled on the enclosure panel and to the fixing system, whose elements are all included in the cooling unit packaging.
They all lend themselves to easy and safe electrical connection by means of rapid connectors which are inserted into the back of the unit.

Ideal enclosure cooling
Internal enclosure air is sucked up from the top of it, cooled inside the cooling unit and let back into the enclosure with a high-speed flow aimed towards the bottom. This ensures optimum cooling of the whole panel and puts a stop to any hot points of the electronic components protected by the cooling unit.

Minimised maintenance
All the cooling units feature heat exchange surfaces designed to prevent clogging by solid contaminants in the ambient air. They maintain high efficiency even when the environmental conditions are bad, thus reducing maintenance work drastically meaning that the cooling unit can work without a filter on the external air intake.

Optimum enclosure protection
Thanks to the special internal configuration that keeps the flow of outside air separated and sealed from the inside air, and to the self-adhesive coupling seal, the SKY cooling units allow the enclosure to maintain an IP54 protection level.

Safe guarding the environment
Great attention is paid to limiting the noise level, being one of the most important criteria when designing the SKY cooling units. They are, in fact, designed to minimise disturbance caused by noise to ensure a quiet working place. To protect the environment all the cooling units use the CFC-free, ozone-friendly refrigerant R134a.

Supply voltage
The SKY cooling units are available for the main AC supply voltage: 230V single-phase, 400-440V two-phase (in the case of voltage between lines when there is no neutral), 115V single-phase and 400V three-phase, all bifrequency 50-60 Hz. On request and for substantial quantities they can also be available with other voltages not given in the catalogue.

Painting
RAL 7035 orange peel effect is the standard colour. Epoxy powder paint is used. On request other colours are available as well as stainless steel versions.

The three mounting possibilities: **A** - external, **B** - semi-recessed, **C** - internal.


A


B


C

Application tips

- When choosing the cooling unit maintain a safety margin of at least 10% on the rated power considering the most difficult conditions it will have to work in.
- Seal the enclosure well. Slits and openings will cause the cooling unit's capacity to drop considerably and excessive condensate to form.
- Install the cooling unit on a door or wall but always as high up as possible so that the air is taken from the top of the enclosure where very hot air is created.
- The cooling unit is factory set at 35°C which is the optimum temperature for the majority of applications. Unless it is strictly necessary, do not reduce the temperature as it would diminish the efficiency of the cooling unit and cause an excessive production of condensate.
- Arrange the electronic components inside the enclosure in such a way to facilitate the flow of air. Do not obstruct the air inlet or outlet with components installed too close. Any components that have their own internal ventilation must have the flow aimed so as not hinder the cooling unit airflow.
- Switch the cooling unit off if the enclosure doors are opened. This is to prevent an excessive production of condensate. To this end, install a limit switch on the door.
- The line supplying electricity to the cooling unit must be protected with a delayed fuse or a circuit breaker suitably rated according to the unit's technical data.

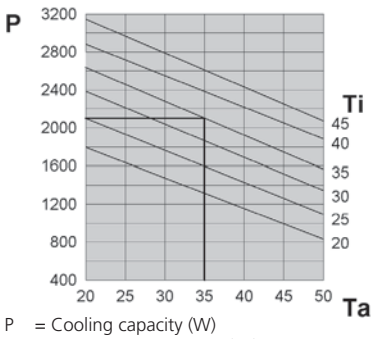
SKY20 Cooling units for door or wall mounting

Characteristics	M.U.	SKY20BT0B	SKY20CT0B	SKY20LT0B
Cooling capacity EN14511 - A35A35	W	2050	2050	2050
Cooling capacity EN14511 - A35A50	W	1560	1560	1560
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400 3~ 50-60
Width	mm	400	400	400
Height	mm	1265	1265	1265
Depth	mm	236	236	236
Max. current	A	6,5	13,3	2,5
Inrush current	A	24	48	10
Fuse T	A	10	20	6
Absorbed electric power EN14511 - A35A35	W	1080	1110	970
Absorbed electric power EN14511 - A35A50	W	1290	1310	1150
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,60	0,60	0,75
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	1050	1050	1050
Enclosure fan air flow	m³/h	860	860	860
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35 °C		
External temperature range	°C	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	65	65	65
Weight	Kg	60	67	62
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

* 50 °C at 60 Hz

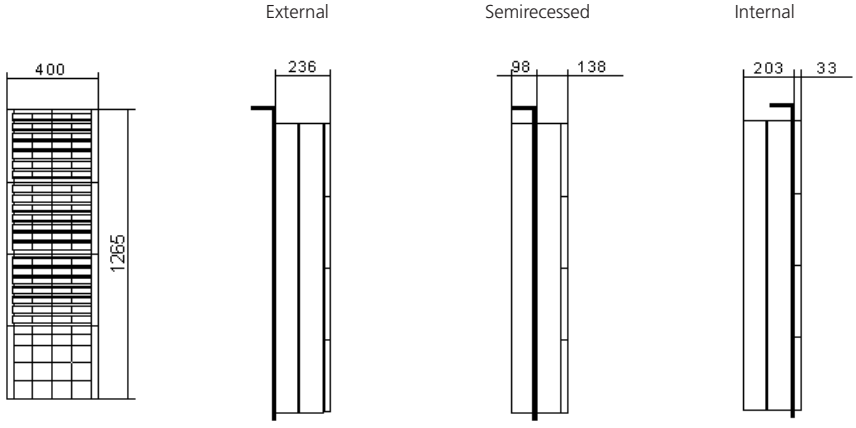
Accessories/Options	
Pack of 5 cloth air filters	C15000181
Pack of 1 metal air filter	C15000182
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



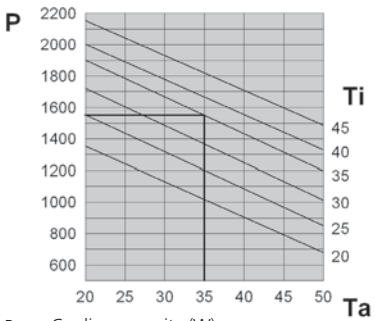
SKY15 Cooling units for door or wall mounting

Characteristics	M.U.	SKY15BT0B	SKY15CT0B	SKY15GT0B
Cooling capacity EN14511 - A35A35	W	1550	1550	1550
Cooling capacity EN14511 - A35A50	W	1200	1200	1200
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	400	400	400
Height	mm	950	950	950
Depth	mm	233	233	233
Max. current	A	5,3	12,9	2,9
Inrush current	A	18	39	11
Fuse T	A	10	20	6
Absorbed electric power EN14511 - A35A35	W	880	900	900
Absorbed electric power EN14511 - A35A50	W	980	1000	1000
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,44	0,44	0,44
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	1050	1050	1050
Enclosure fan air flow	m³/h	570	570	570
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35 °C		
External temperature range	°C	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	65	65	65
Weight	Kg	38	40	40
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

* 50 °C at 60 Hz

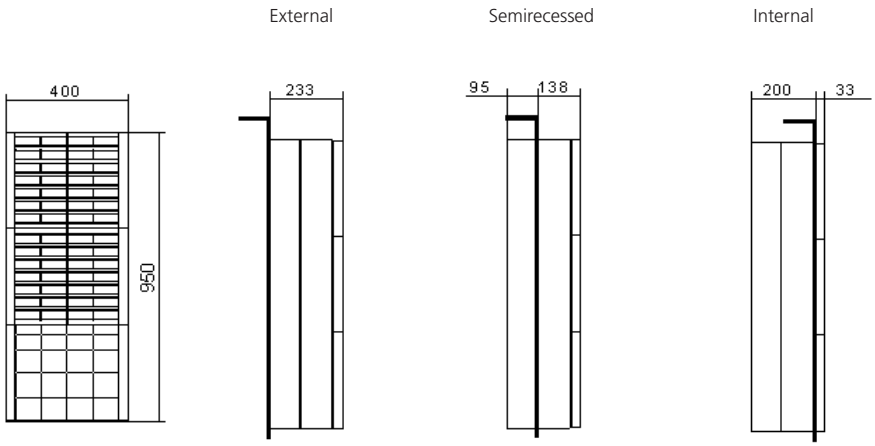
Accessories/Options	
Pack of 5 cloth air filters	C15000181
Pack of 1 metal air filter	C15000182
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



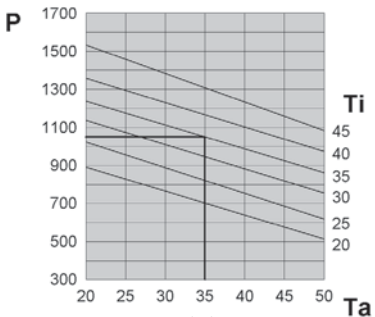
SKY10 Cooling units for door or wall mounting

Characteristics	M.U.	SKY10BT0B	SKY10CT0B	SKY10GT0B
Cooling capacity EN14511 - A35A35	W	1050	1050	1050
Cooling capacity EN14511 - A35A50	W	860	860	860
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	400	400	400
Height	mm	950	950	950
Depth	mm	233	233	233
Max. current	A	3,1	6,3	1,9
Inrush current	A	10,5	23	8
Fuse T	A	6	10	4
Absorbed electric power EN14511 - A35A35	W	570	590	590
Absorbed electric power EN14511 - A35A50	W	650	670	670
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,3	0,3	0,3
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	860	860	860
Enclosure fan air flow	m³/h	570	570	570
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35 °C		
External temperature range	°C	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	65	65	65
Weight	Kg	37	39	39
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

* 50 °C at 60 Hz

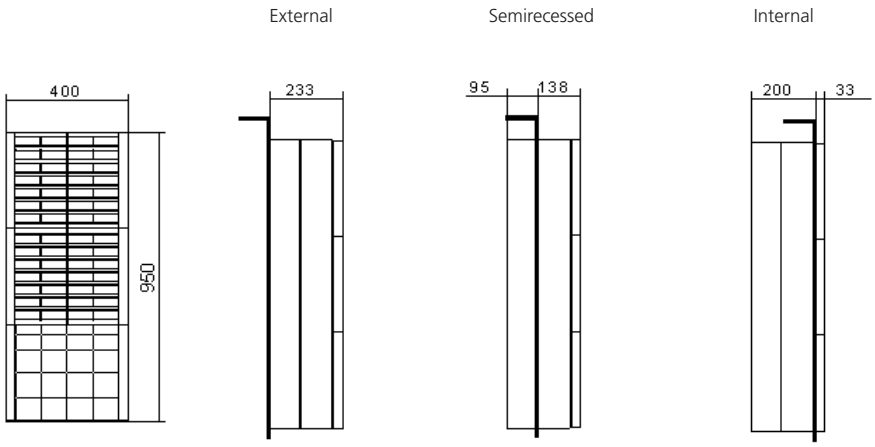
Accessories/Options	
Pack of 5 cloth air filters	C15000181
Pack of 1 metal air filter	C15000182
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

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Z4/C
QUALITY TESTER

FLY Cooling units for door or wall mounting

Quick assembly, reliability, minimised maintenance and optimum design are the planning criteria used to guide the construction of the FLY cooling unit series, TEXA's response to the requirements of the most demanding users.

A wide power range
The range of powers available goes from 1100 to 3200 W, covering the majority of applications for cooling electric enclosures in an extremely compact package.

Assembly flexibility
All the units can be mounted outside the enclosure or recessed without the need for any assembly accessories. Thanks to this feature, made possible by the unit's modular structure, the user is completely free to choose which type of installation he prefers without any restrictions. A SINGLE DRILLING TEMPLATE FOR THE WHOLE RANGE.

Pleasant design
The pleasant grille design ensures a positive aesthetic impact that integrates and enhances enclosure appearance.

Electronic regulation control
All TEXA air conditioning units are supplied with electronic adjustment as standard.

Quick installation
Installation is very quick thanks to the simplicity of the holes to be drilled on the enclosure panel and to the fixing system, whose elements are all included in the cooling unit packaging. They all lend themselves to easy and safe electrical connection by means of rapid connectors which are inserted into the back of the unit.

Ideal enclosure cooling
Internal enclosure air is sucked up from the top of it, cooled inside the cooling unit and let back into the enclosure with a high-speed flow aimed towards the bottom. This ensures optimum cooling of the whole panel and puts a stop to any hot points of the electronic components protected by the cooling unit.

Minimised maintenance
All the cooling units feature heat exchange surfaces designed to prevent clogging by solid contaminants in the ambient air. The condenser heat exchangers are protected by HYDROPHILIC NANO TREATMENT that prevent the dirtiness and the corrosion. They maintain high efficiency even when the environmental conditions are bad, thus reducing maintenance work drastically meaning that the cooling unit can work without a filter on the external air intake.

Enclosure protection category IP55
Thanks to the special internal configuration that keeps the flow of outside air separated and sealed from the inside air, and to the new self-adhesive coupling seal, the FLY cooling units allow the enclosure to maintain an IP55 protection category.

Condensate water dissipator
The FLY cooling units are equipped with an INTEGRATED CONDENSATION EVAPORATING SYSTEM which remarkably reduces the installation costs.

Safe guarding the environment
Great attention is paid to limiting the noise level, being one of the most important criteria when designing the FLY cooling units. They are, in fact, designed to minimise disturbance caused by noise to ensure a quiet working place. To protect the environment the cooling units use the CFC-free, ozone-friendly refrigerants R134a.

Supply voltage
The FLY cooling units are available for the main AC supply voltage: 230V single-phase, 400-460V two-phase (in the case of voltage between lines when there is no neutral). 400V three-phase 50 Hz and 460 V three-phase 60 Hz. On request and for substantial quantities they can also be available with other voltages not given in the catalogue.

Painting
RAL 7035 orange peel effect is the standard colour. Epoxy powder paint is used. On request other colours are available as well as stainless steel versions.

Approvals
All FLY models are CE and cULus approved in standard supply voltages.

The three mounting possibilities: **A** - external, **B** - semi-recessed, **C** - internal.

Application tips

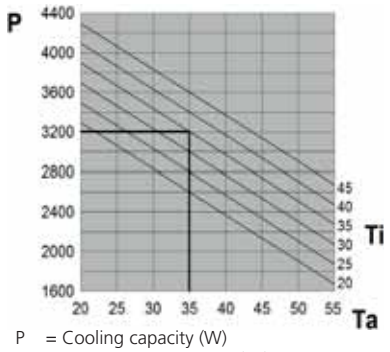
- When choosing the cooling unit maintain a safety margin of at least 10% on the rated power considering the most difficult conditions it will have to work in.
- Seal the enclosure well. Slits and openings will cause the cooling unit's capacity to drop considerably and excessive condensate to form.
- Install the cooling unit on a door or wall but always as high up as possible so that the air is taken from the top of the enclosure where very hot air is created.
- The cooling unit is factory set at 35°C which is the optimum temperature for the majority of applications. Unless it is strictly necessary, do not reduce the temperature as it would diminish the efficiency of the cooling unit and cause an excessive production of condensate.
- Arrange the electronic components inside the enclosure in such a way to facilitate the flow of air. Do not obstruct the air inlet or outlet with components installed too close. Any components that have their own internal ventilation must have the flow aimed so as not hinder the cooling unit air flow.
- Switch the cooling unit off if the enclosure doors are opened. This is to prevent an excessive production of condensate. To this end, install a limit switch on the door.
- The line supplying electricity to the cooling unit must be protected with a delayed fuse or a circuit breaker suitably rated according to the unit's technical data.

FLY32 Cooling units for door or wall mounting

Characteristics	M.U.	FLY32BTUB	FLY32HTUB
Cooling capacity EN14511 - A35A35	W	3200	3200
Cooling capacity EN14511 - A35A50	W	2500	2500
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50 / 460 3~ 60
Width	mm	495	495
Height	mm	1697	1697
Depth	mm	235	235
Max. current	A	12	4,5
Inrush current	A	39	18
Fuse T	A	15	8
Absorbed electric power EN14511 - A35A35	W	1920	1980
Absorbed electric power EN14511 - A35A50	W	2240	2290
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,72	0,9
Cooling circuit max. pressure	bar	28	28
External fan air flow	m³/h	1450	1450
Enclosure fan air flow	m³/h	1450	1450
Internal temperature range	°C	20-50	20-50
Temperature setting	°C	Electronic thermostat factory set at 35 °C	
External temperature range	°C	20-55	20-55
Protection level EN60529 - enclosure side	-	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	69	69
Weight	Kg	81	83
Conformity	-	CE; UL Recognized	
Colour	-	RAL 7035 orange peel effect	

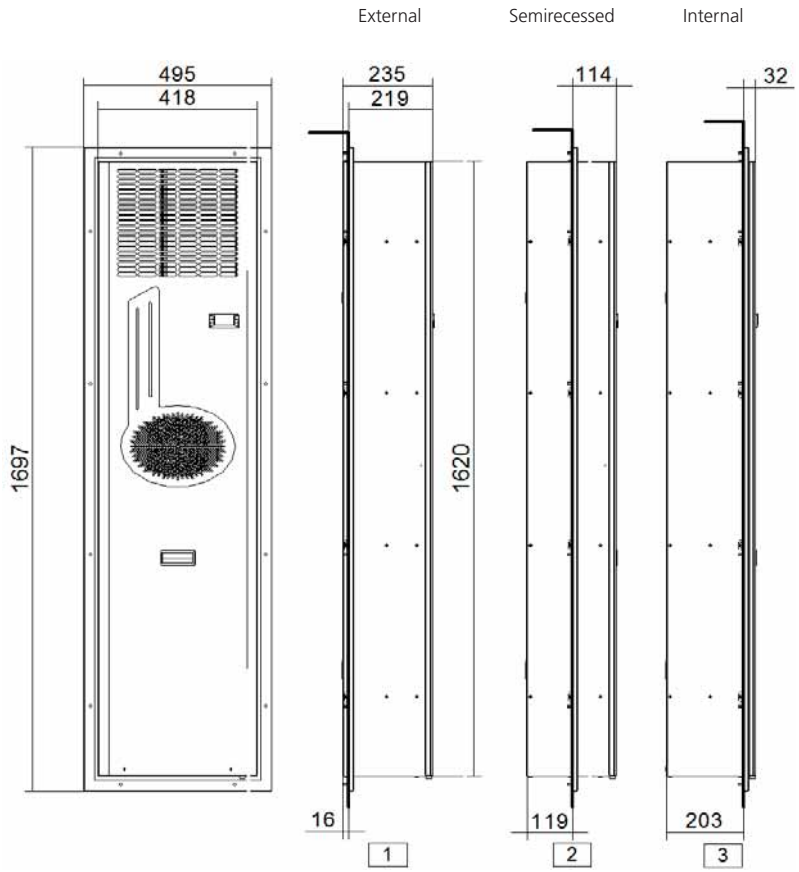
Accessories/Options	
Pack of 5 cloth air filters	C15000181
Pack of 1 metal air filter	C15000182
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

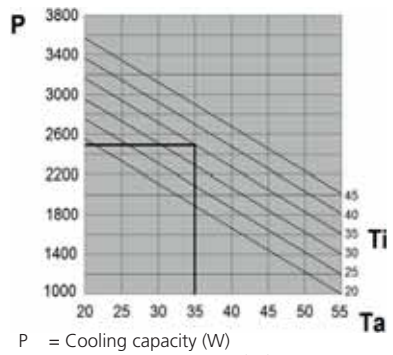


FLY25 Cooling units for door or wall mounting

Characteristics	M.U.	FLY25BTUB	FLY25HTUB
Cooling capacity EN14511 - A35A35	W	2500	2500
Cooling capacity EN14511 - A35A50	W	1850	1850
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50 / 460 3~ 60
Width	mm	495	495
Height	mm	1697	1697
Depth	mm	235	235
Max. current	A	10,5	3,5
Inrush current	A	35	14
Fuse T	A	13	7
Absorbed electric power EN14511 - A35A35	W	1640	1690
Absorbed electric power EN14511 - A35A50	W	1830	1860
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,7	0,8
Cooling circuit max. pressure	bar	28	28
External fan air flow	m³/h	1450	1450
Enclosure fan air flow	m³/h	1450	1450
Internal temperature range	°C	20-50	20-50
Temperature setting	°C	Electronic thermostat factory set at 35 °C	
External temperature range	°C	20-55	20-55
Protection level EN60529 - enclosure side	-	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	69	69
Weight	Kg	80	82
Conformity	-	CE; UL Recognized	
Colour	-	RAL 7035 orange peel effect	

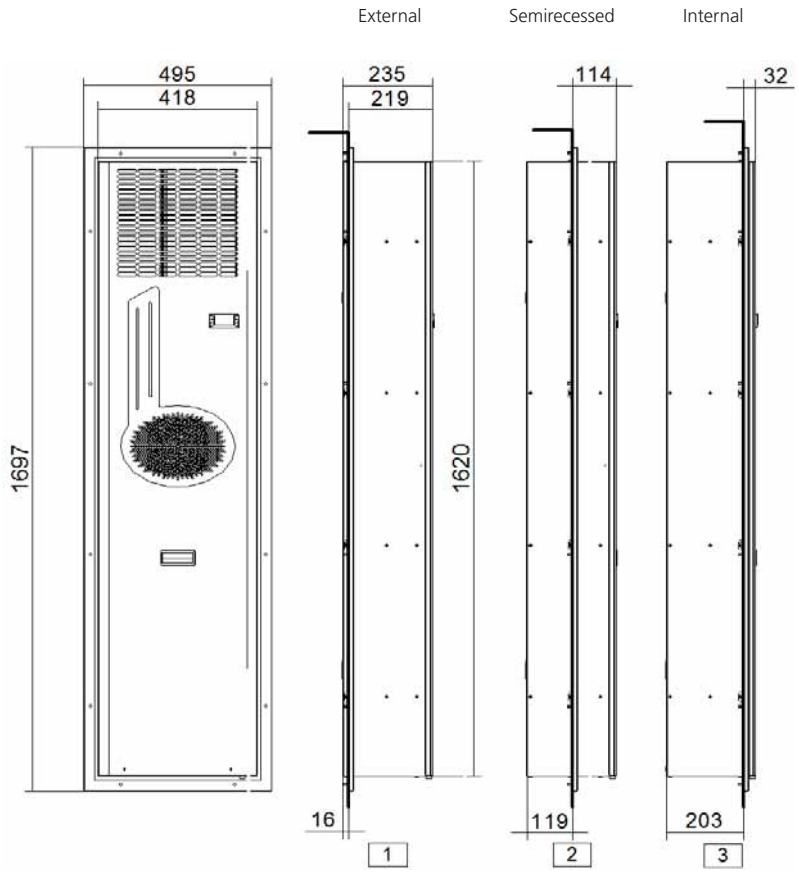
Accessories/Options	
Pack of 5 cloth air filters	C15000181
Pack of 1 metal air filter	C15000182
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

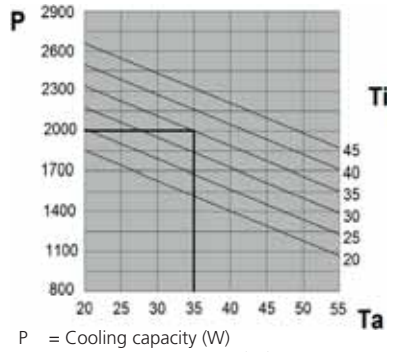


FLY20 Cooling units for door or wall mounting

Characteristics	M.U.	FLY20BTUB	FLY20HTUB
Cooling capacity EN14511 - A35A35	W	2000	2000
Cooling capacity EN14511 - A35A50	W	1550	1550
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50 / 460 3~ 60
Width	mm	495	495
Height	mm	1697	1697
Depth	mm	195	195
Max. current	A	6,5	3
Inrush current	A	27	10
Fuse T	A	11	6
Absorbed electric power EN14511 - A35A35	W	1290	1410
Absorbed electric power EN14511 - A35A50	W	1520	1620
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,53	0,56
Cooling circuit max. pressure	bar	28	28
External fan air flow	m³/h	1050	1050
Enclosure fan air flow	m³/h	860	860
Internal temperature range	°C	20-50	20-50
Temperature setting	-	Electronic thermostat factory set at 35 °C	
External temperature range	°C	20-55	20-55
Protection level EN60529 - enclosure side	-	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	67	67
Weight	Kg	67	69
Conformity	-	CE; UL Recognized	
Colour	-	RAL 7035 orange peel effect	

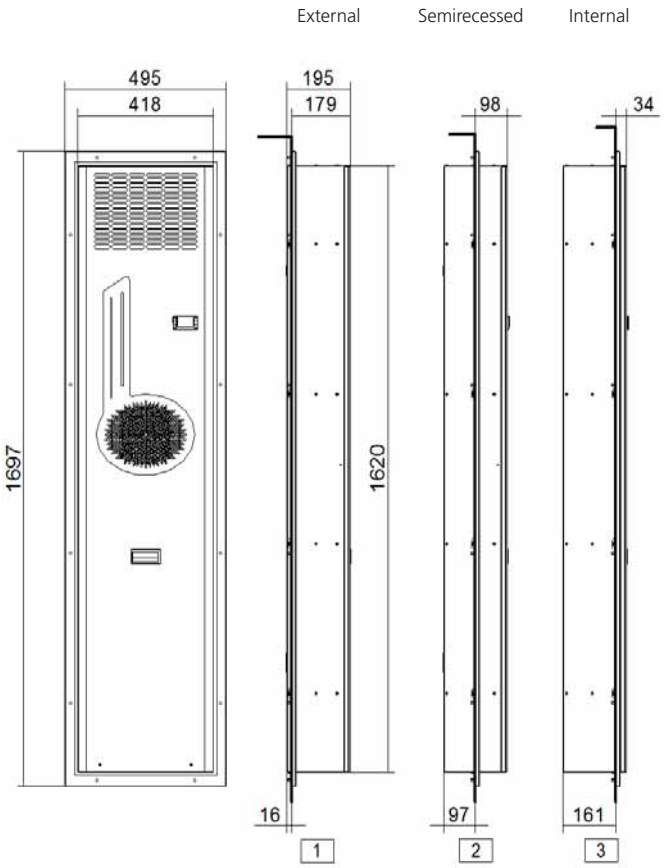
Accessories/Options	
Pack of 5 cloth air filters	C15000181
Pack of 1 metal air filter	C15000182
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

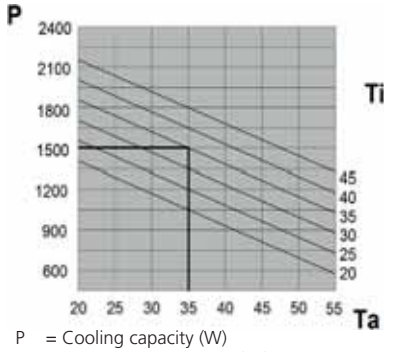


FLY15 Cooling units for door or wall mounting

Characteristics	M.U.	FLY15BTUB	FLY15KTUB
Cooling capacity EN14511 - A35A35	W	1500	1500
Cooling capacity EN14511 - A35A50	W	1150	1150
Power supply	V ~ Hz	230 1~ 50-60	400/460 2~ 50-60
Width	mm	495	495
Height	mm	1697	1697
Depth	mm	195	195
Max. current	A	6,3	3,5
Inrush current	A	24	10,5
Fuse T	A	10	6
Absorbed electric power EN14511 - A35A35	W	1020	1020
Absorbed electric power EN14511 - A35A50	W	1290	1290
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,41	0,41
Cooling circuit max. pressure	bar	28	28
External fan air flow	m³/h	1050	1050
Enclosure fan air flow	m³/h	860	860
Internal temperature range	°C	20-50	20-50
Temperature setting	°C	Electronic thermostat factory set at 35 °C	
External temperature range	°C	20-55	20-55
Protection level EN60529 - enclosure side	-	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	66	66
Weight	Kg	59	61
Conformity	-	CE; UL Recognized	
Colour	-	RAL 7035 orange peel effect	

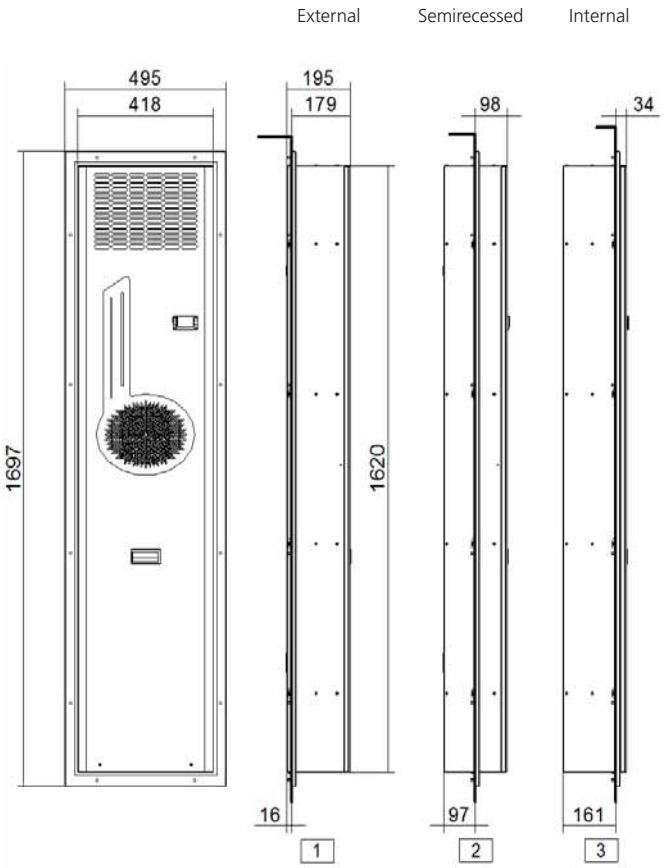
Accessories/Options	
Pack of 5 cloth air filters	C15000181
Pack of 1 metal air filter	C15000182
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

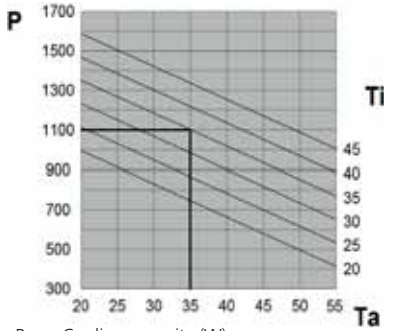


FLY11 Cooling units for door or wall mounting

Characteristics	M.U.	FLY11BTUB	FLY11KTUB
Cooling capacity EN14511 - A35A35	W	1100	1100
Cooling capacity EN14511 - A35A50	W	860	860
Power supply	V ~ Hz	230 1~ 50-60	400/460 2~ 50-60
Width	mm	495	495
Height	mm	1697	1697
Depth	mm	195	195
Max. current	A	6	3
Inrush current	A	21	8,5
Fuse T	A	10	5
Absorbed electric power EN14511 - A35A35	W	850	850
Absorbed electric power EN14511 - A35A50	W	980	980
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,36	0,36
Cooling circuit max. pressure	bar	28	28
External fan air flow	m³/h	860	860
Enclosure fan air flow	m³/h	860	860
Internal temperature range	°C	20-50	20-50
Temperature setting	°C	Electronic thermostat factory set at 35 °C	
External temperature range	°C	20-55	20-55
Protection level EN60529 - enclosure side	-	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	64	64
Weight	Kg	57	59
Conformity	-	CE; UL Recognized	
Colour	-	RAL 7035 orange peel effect	

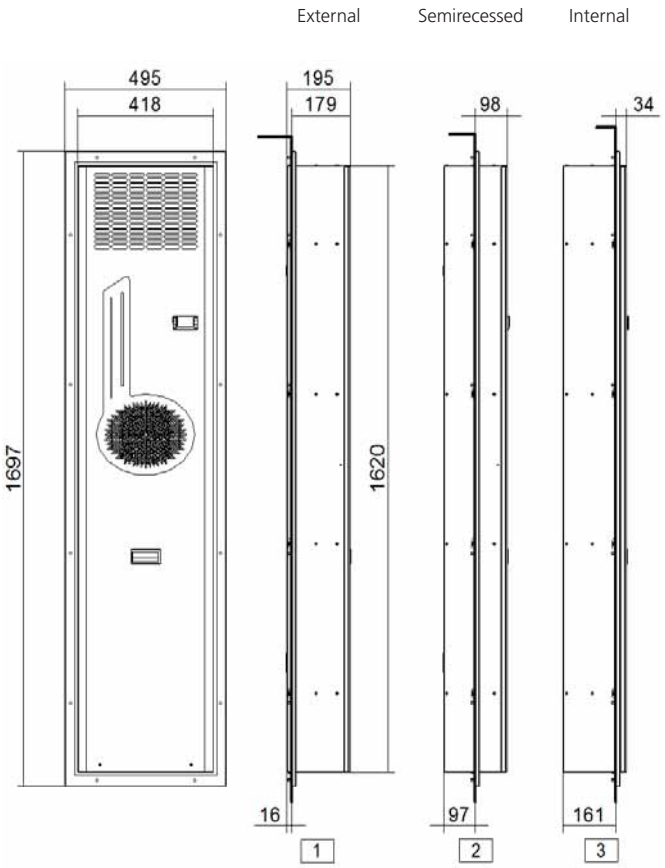
Accessories/Options	
Pack of 5 cloth air filters	C15000181
Pack of 1 metal air filter	C15000182
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

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EGO Cooling units for door or wall mounting

Quick assembly, reliability, minimised maintenance and optimum design are the planning criteria used to guide the construction of the EGO cooling unit series, TEXA's response to the requirements of the most demanding users.

A wide power range
The range of powers available goes from 300 to 14800 W, covering the majority of applications for cooling electric enclosures in an extremely compact package.

Electronic regulation control
All TEXA air conditioning units are supplied with electronic adjustment as standard.

Quick installation
Installation is very quick thanks to the simplicity of the holes to be drilled on the enclosure panel and to the fixing system, whose elements are all included in the cooling unit packaging. They all lend themselves to easy and safe electrical connection by means of rapid connectors which are inserted into the back of the unit.

Ideal enclosure cooling
Internal enclosure air is sucked up from the top of it, cooled inside the cooling unit and let back into the enclosure with a high-speed flow aimed towards the bottom. This ensures optimum cooling of the whole panel and puts a stop to any hot points of the electronic components protected by the cooling unit.

Minimised maintenance
All the cooling units feature heat exchange surfaces designed to prevent clogging by solid contaminants in the ambient air. The condenser heat exchangers are protected by hydrophilic nano treatment that prevent the dirtiness and the corrosion. They maintain high efficiency even when the environmental conditions are bad, thus reducing maintenance work drastically meaning that the cooling unit can work without a filter on the external air intake.

Enclosure protection category IP55
Thanks to the special internal configuration that keeps the flow of outside air separated and sealed from the inside air, and to the new self-adhesive coupling seal, the EGO (from model EGO S3 to model EGO 40) cooling units allow the enclosure to maintain an IP55 protection category.

Condensate water dissipator
the EGO cooling units (from the EGO08 model upwards) are equipped with an integrated condensation evaporating system which remarkably reduces the installation costs.

Safe guarding the environment
Great attention is paid to limiting the noise level, being one of the most important criteria when designing the EGO cooling units. They are, in fact, designed to minimise disturbance caused by noise to ensure a quiet working place. To protect the environment the cooling units use the CFC-free, ozone-friendly refrigerants R134a or R407C.

Supply voltage
The EGO cooling units are available for the main AC supply voltage: 230V single-phase, 400-440V two-phase (in the case of voltage between lines when there is no neutral), 115V single-phase and 400V three-phase, all bifrequency 50-60 Hz; 400V and 460 V three-phase, monofrequency (50 or 60 Hz). On request and for substantial quantities they can also be available with other voltages not given in the catalogue.

Painting
RAL 7035 orange peel effect is the standard colour. Epoxy powder paint is used. On request other colours are available as well as stainless steel versions.

The two mounting possibilities:
A - external
B - semi-recessed
Version "0"
available on request

Application tips

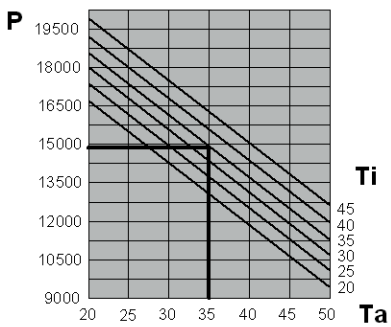
- When choosing the cooling unit maintain a safety margin of at least 10% on the rated power considering the most difficult conditions it will have to work in.
- Seal the enclosure well. Slits and openings will cause the cooling unit's capacity to drop considerably and excessive condensate to form.
- Install the cooling unit on a door or wall but always as high up as possible so that the air is taken from the top of the enclosure where very hot air is created.
- The cooling unit is factory set at 35°C which is the optimum temperature for the majority of applications. Unless it is strictly necessary, do not reduce the temperature as it would diminish the efficiency of the cooling unit and cause an excessive production of condensate.
- Arrange the electronic components inside the enclosure in such a way to facilitate the flow of air. Do not obstruct the air inlet or outlet with components installed too close. Any components that have their own internal ventilation must have the flow aimed so as not hinder the cooling unit air flow.
- Switch the cooling unit off if the enclosure doors are opened. This is to prevent an excessive production of condensate. To this end, install a limit switch on the door.
- The line supplying electricity to the cooling unit must be protected with a delayed fuse or a circuit breaker suitably rated according to the unit's technical data.

EGOA5 Cooling units for door or wall mounting

Characteristics	M.U.	EGOA5MTEB	EGOA5NTEB
Cooling capacity EN14511 - A35A35	W	14800	15150
Cooling capacity EN14511 - A35A50	W	11300	11600
Power supply	V ~ Hz	400 3~ 50	460 3~ 60
Width	mm	800	800
Height	mm	2000	2000
Depth	mm	550	550
Max. current	A	13,9	14,7
Inrush current	A	63	66
Fuse T	A	20	20
Absorbed electric power EN14511 - A35A35	W	6300	6730
Absorbed electric power EN14511 - A35A50	W	7400	7760
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant R410A	Kg	3,65	3,65
Cooling circuit max. pressure	bar	36	36
External fan air flow	m³/h	5800	5800
Enclosure fan air flow	m³/h	4300	4300
Internal temperature range	°C	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C	
External temperature range	°C	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	67	67
Weight	Kg	240	240
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

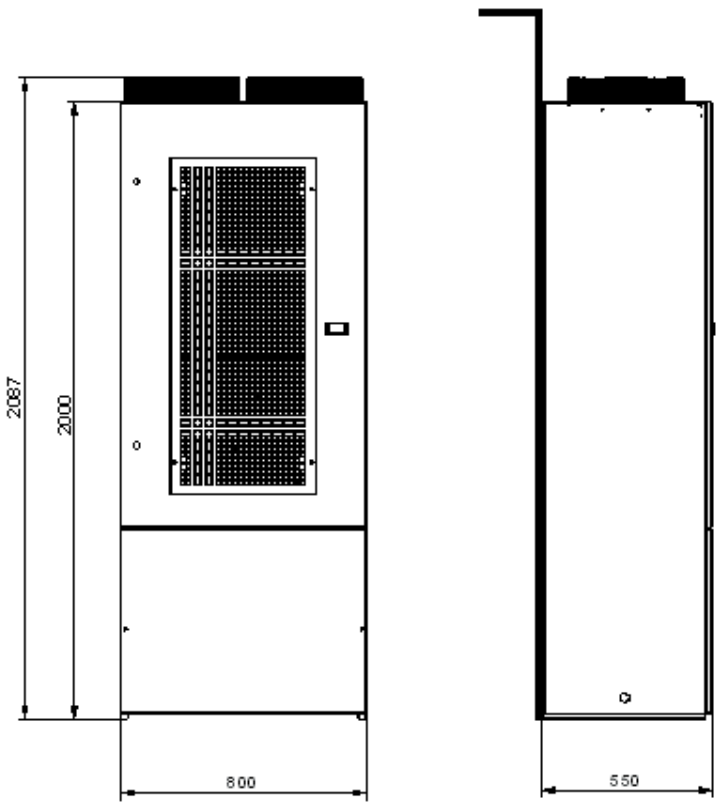
Accessories/Options	
Pack of 5 cloth air filters	C15002900
Pack of 1 metal air filter	C15002497
Stainless steel version	
Special paint on request	

Performances (EGOA5MTEB)



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

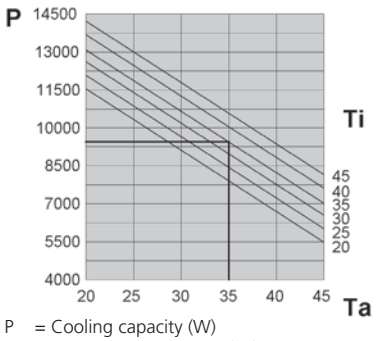


EGOA0 Cooling units for door or wall mounting

Characteristics	M.U.	EGOA0MTEB	EGOA0NTEB
Cooling capacity EN14511 - A35A35	W	9400	9850
Cooling capacity EN14511 - A35A50	W	7000	7350
Power supply	V ~ Hz	400 3~ 50	460 3~ 60
Width	mm	800	800
Height	mm	2000	2000
Depth	mm	387	387
Max. current	A	9,1	10,3
Inrush current	A	30,7	32,5
Fuse T	A	18	18
Absorbed electric power EN14511 - A35A35	W	3650	4380
Absorbed electric power EN14511 - A35A50	W	5400	6340
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant R134a	Kg	2,3	2,3
Cooling circuit max. pressure	bar	27	27
External fan air flow	m³/h	2900	2900
Enclosure fan air flow	m³/h	2900	2900
Internal temperature range	°C	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C	
External temperature range	°C	20-45	20-45
Protection level EN60529 - enclosure side	-	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	77	77
Weight	Kg	180	180
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

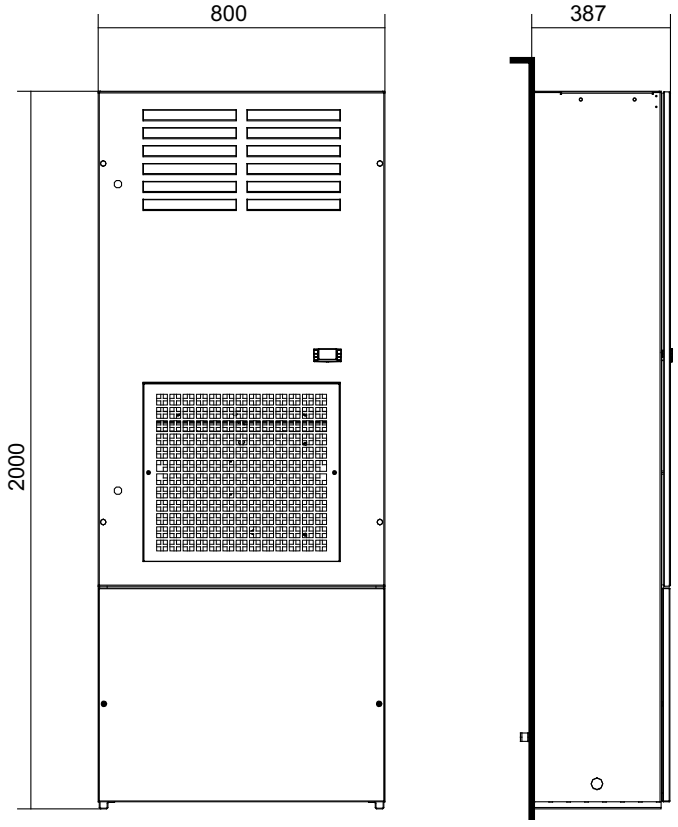
Accessories/Options	
Pack of 5 cloth air filters	C15000188
Pack of 1 metal air filter	C15000189
Stainless steel version	
Special paint on request	

Performances (EGOA0MTEB)



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

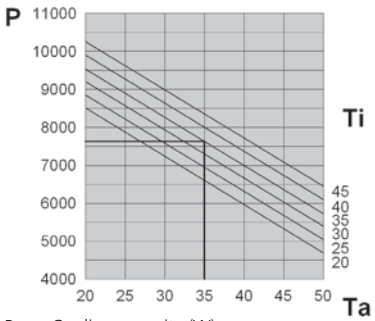


EGO80 Cooling units for door or wall mounting

Characteristics	M.U.	EGO80MTEB	EGO80NTEB
Cooling capacity EN14511 - A35A35	W	7600	7950
Cooling capacity EN14511 - A35A50	W	5700	5930
Power supply	V ~ Hz	400 3~ 50	460 3~ 60
Width	mm	800	800
Height	mm	2000	2000
Depth	mm	387	387
Max. current	A	8,1	9,3
Inrush current	A	30,7	32,5
Fuse T	A	16	16
Absorbed electric power EN14511 - A35A35	W	3300	4035
Absorbed electric power EN14511 - A35A50	W	4910	5845
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant R134a	Kg	2,8	2,8
Cooling circuit max. pressure	bar	27	27
External fan air flow	m³/h	2900	2900
Enclosure fan air flow	m³/h	2900	2900
Internal temperature range	°C	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C	
External temperature range	°C	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	75	75
Weight	Kg	160	160
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

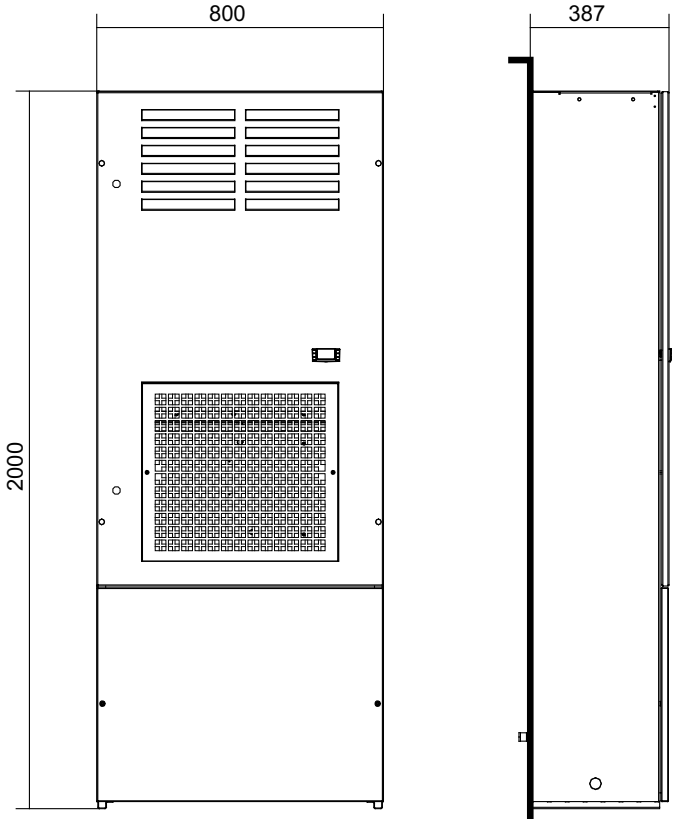
Accessories/Options	
Pack of 5 cloth air filters	C15000188
Pack of 1 metal air filter	C15000189
Stainless steel version	
Special paint on request	

Performances (EGO80MTEB)



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

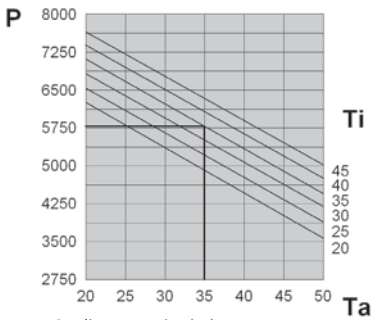


EGO60 Cooling units for door or wall mounting

Characteristics	M.U.	EGO60MTEB	EGO60NTEB
Cooling capacity EN14511 - A35A35	W	5800	6050
Cooling capacity EN14511 - A35A50	W	4350	4530
Power supply	V ~ Hz	400 3~ 50	460 3~ 60
Width	mm	600	600
Height	mm	2000	2000
Depth	mm	387	387
Max. current	A	5,9	6,8
Inrush current	A	21,7	23,5
Fuse T	A	8	8
Absorbed electric power EN14511 - A35A35	W	2340	2920
Absorbed electric power EN14511 - A35A50	W	3880	4520
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant R407C	Kg	1,8	1,8
Cooling circuit max. pressure	bar	27	27
External fan air flow	m³/h	2900	2900
Enclosure fan air flow	m³/h	1450	1450
Internal temperature range	°C	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C	
External temperature range	°C	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	72	72
Weight	Kg	150	150
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

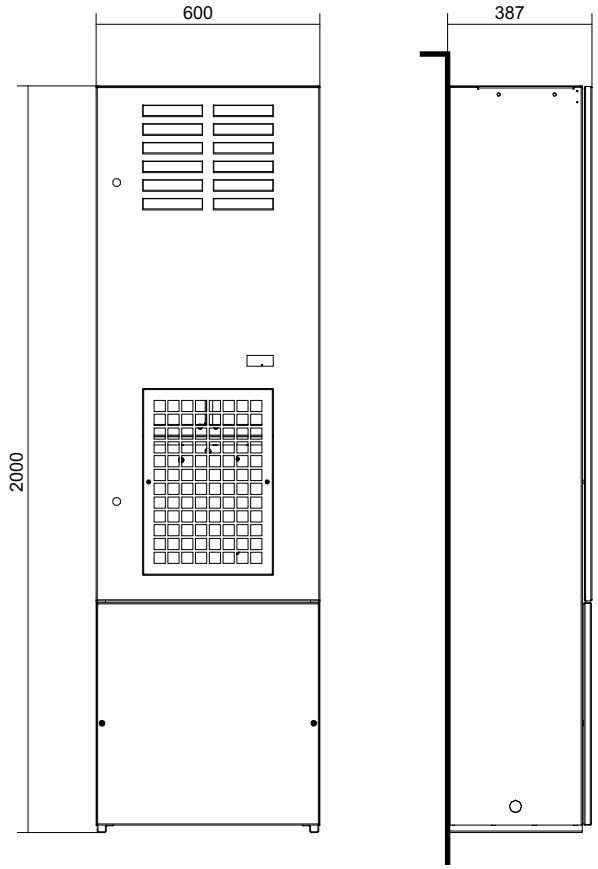
Accessories/Options	
Pack of 5 cloth air filters	C15000175
Pack of 1 metal air filter	C15000176
Stainless steel version	
Special paint on request	

Performances (EGO60MTEB)



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

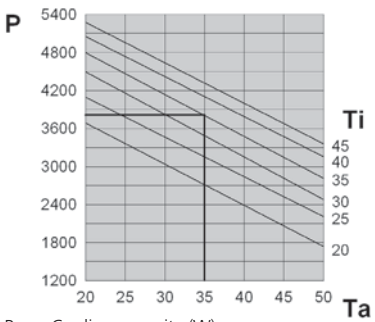


EGO40 Cooling units for door or wall mounting

Characteristics	M.U.	EGO40BT1B	EGO40LT1B
Cooling capacity EN14511 - A35A35	W	3850	3850
Cooling capacity EN14511 - A35A50	W	2870	2870
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60
Width	mm	500	500
Height	mm	1270	1270
Depth	mm	336	336
Max. current	A	9,5	3,6
Inrush current	A	35,2	18
Fuse T	A	16	8
Absorbed electric power EN14511 - A35A35	W	1710	1780
Absorbed electric power EN14511 - A35A50	W	1990	2050
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	1,14	1,14
Cooling circuit max. pressure	bar	25	25
External fan air flow	m³/h	1450	1450
Enclosure fan air flow	m³/h	1450	1450
Internal temperature range	°C	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C	
External temperature range	°C	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	70	70
Weight	Kg	82	85
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

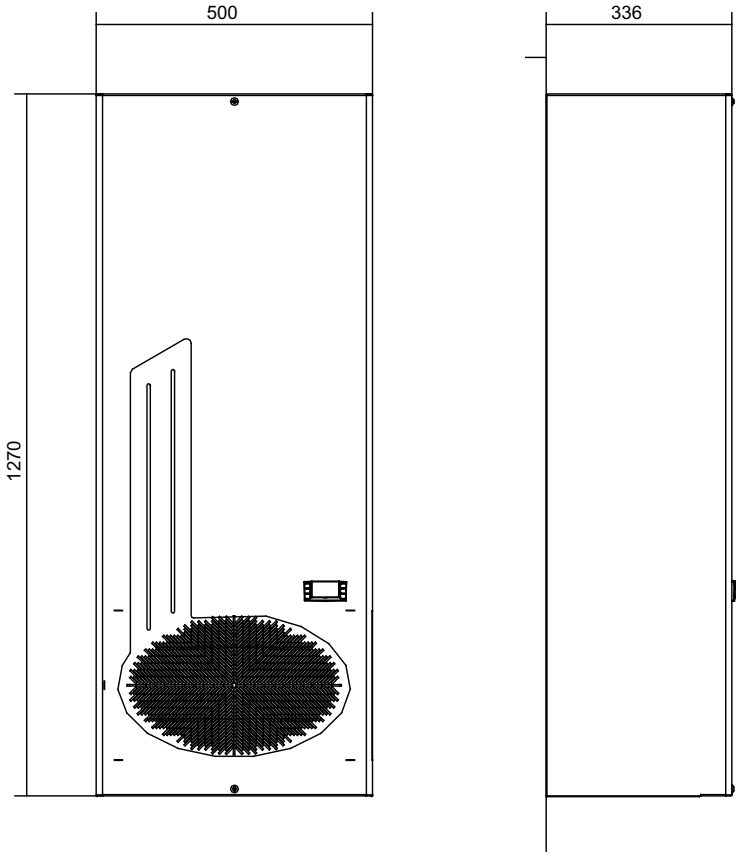
Accessories/Options	
Pack of 5 cloth air filters	C15000183
Pack of 1 metal air filter	C15000185
Version "0" for Semi-recessed mounting	
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

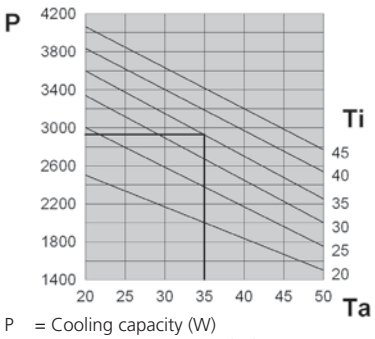


EGO30 Cooling units for door or wall mounting

Characteristics	M.U.	EGO30BT1B	EGO30LT1B
Cooling capacity EN14511 - A35A35	W	2900	2900
Cooling capacity EN14511 - A35A50	W	2250	2250
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60
Width	mm	500	500
Height	mm	1270	1270
Depth	mm	336	336
Max. current	A	8,2	2,6
Inrush current	A	37,4	14
Fuse T	A	16	6
Absorbed electric power EN14511 - A35A35	W	1340	1220
Absorbed electric power EN14511 - A35A50	W	1560	1440
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,84	0,84
Cooling circuit max. pressure	bar	25	25
External fan air flow	m³/h	1450	1450
Enclosure fan air flow	m³/h	1450	1450
Internal temperature range	°C	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C	
External temperature range	°C	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	70	70
Weight	Kg	80	84
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

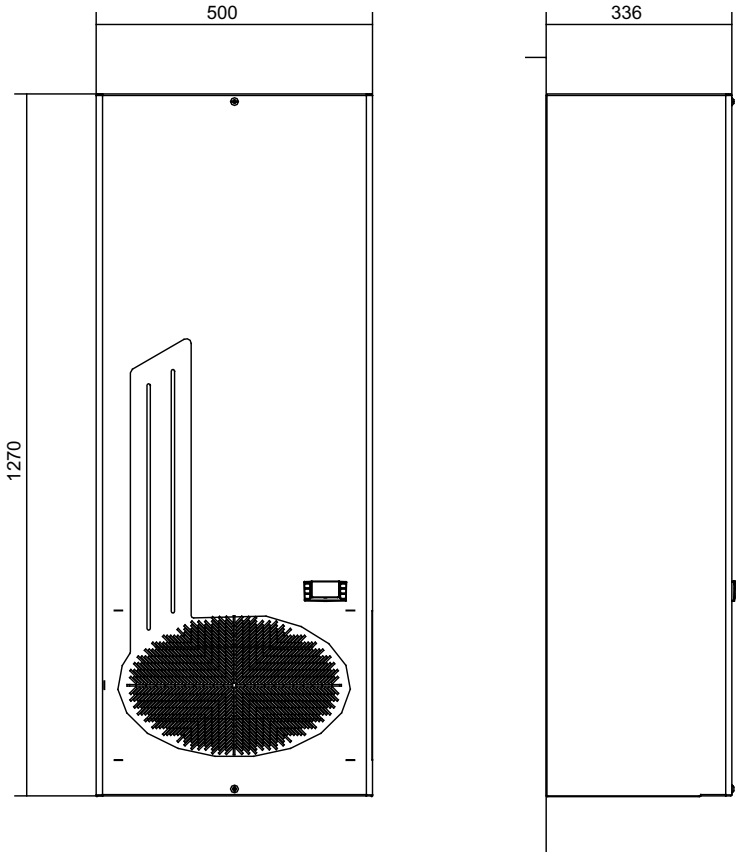
Accessories/Options	
Pack of 5 cloth air filters	C15000183
Pack of 1 metal air filter	C15000185
Version "0" for Semi-recessed mounting	
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



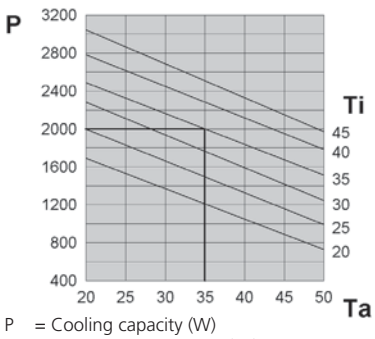
EGO20 Cooling units for door or wall mounting

Characteristics	M.U.	EGO20BT1B	EGO20CT1B	EGO20LT1B
Cooling capacity EN14511 - A35A35	W	2000	2000	2000
Cooling capacity EN14511 - A35A50	W	1510	1510	1510
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400 3~ 50-60
Width	mm	405	405	405
Height	mm	999	999	999
Depth	mm	237	237	237
Max. current	A	6,5	13,3	2,5
Inrush current	A	24	48	10
Fuse T	A	10	20	6
Absorbed electric power EN14511 - A35A35	W	1030	1070	880
Absorbed electric power EN14511 - A35A50	W	1180	1210	1050
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,58	0,58	0,65
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	1050	1050	1050
Enclosure fan air flow	m³/h	860	860	860
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C		
External temperature range	°C	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	65	65	65
Weight	Kg	52	54	54
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

* 50 °C at 60 Hz

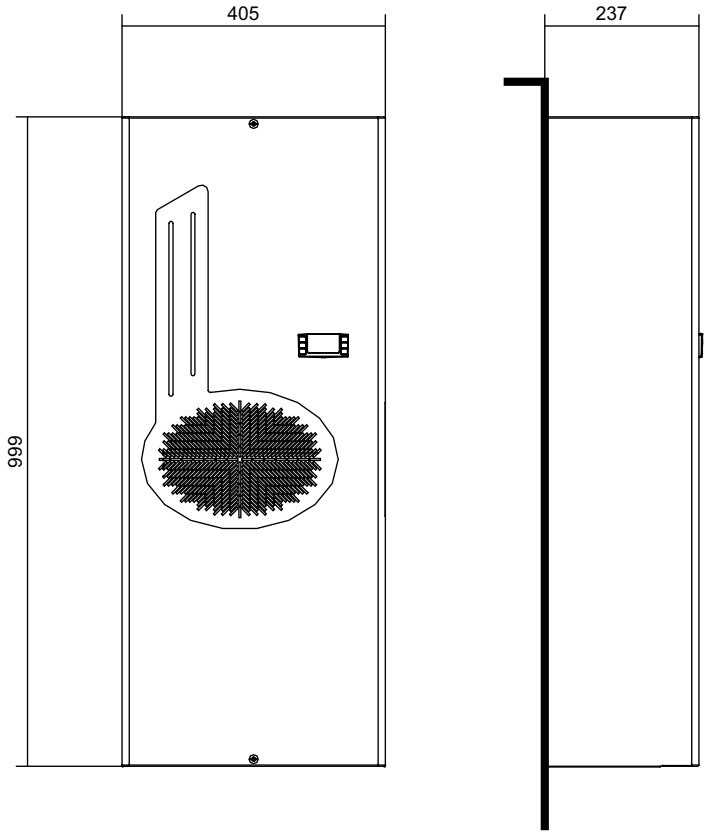
Accessories/Options	
Pack of 5 cloth air filters	C15000163
Pack of 1 metal air filter	C15000164
Version "0" for Semi-recessed mounting	
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



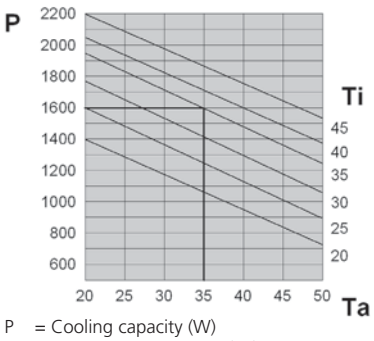
EGO16 Cooling units for door or wall mounting

Characteristics	M.U.	EGO16BT1B	EGO16CT1B	EGO16GT1B
Cooling capacity EN14511 - A35A35	W	1600	1600	1600
Cooling capacity EN14511 - A35A50	W	1230	1230	1230
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	405	405	405
Height	mm	999	999	999
Depth	mm	237	237	237
Max. current	A	5,3	12,9	2,9
Inrush current	A	18	39	11
Fuse T	A	10	20	6
Absorbed electric power EN14511 - A35A35	W	820	840	840
Absorbed electric power EN14511 - A35A50	W	940	960	960
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,46	0,46	0,46
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	1050	1050	1050
Enclosure fan air flow	m³/h	570	570	570
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C		
External temperature range	°C	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	65	65	65
Weight	Kg	40	42	42
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

* 50 °C at 60 Hz

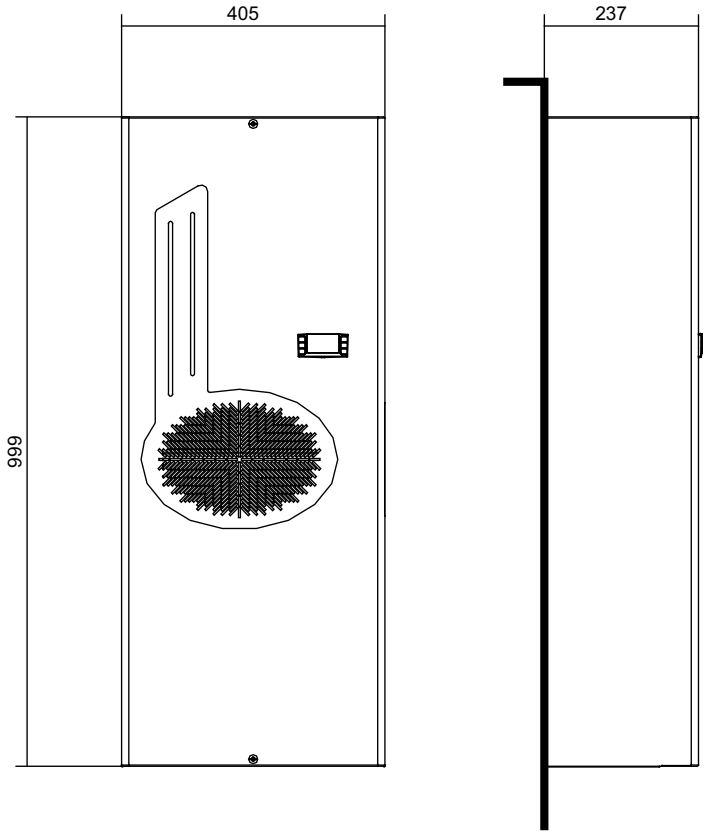
Accessories/Options	
Pack of 5 cloth air filters	C15000163
Pack of 1 metal air filter	C15000164
Version "0" for Semi-recessed mounting	
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



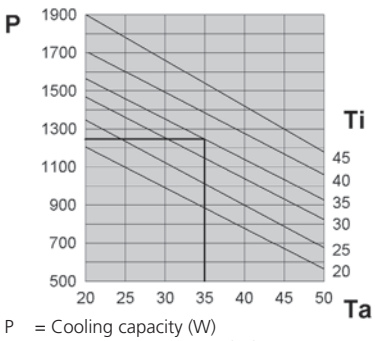
EGO12 Cooling units for door or wall mounting

Characteristics	M.U.	EGO12BT1B	EGO12CT1B	EGO12GT1B
Cooling capacity EN14511 - A35A35	W	1250	1250	1250
Cooling capacity EN14511 - A35A50	W	910	910	910
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	405	405	405
Height	mm	999	999	999
Depth	mm	237	237	237
Max. current	A	3,8	7,6	2,2
Inrush current	A	11	24	8,5
Fuse T	A	6	10	4
Absorbed electric power EN14511 - A35A35	W	680	690	690
Absorbed electric power EN14511 - A35A50	W	790	800	800
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,38	0,38	0,38
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	860	860	860
Enclosure fan air flow	m³/h	570	570	570
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C		
External temperature range	°C	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	65	65	65
Weight	Kg	38	40	40
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

* 50 °C at 60 Hz

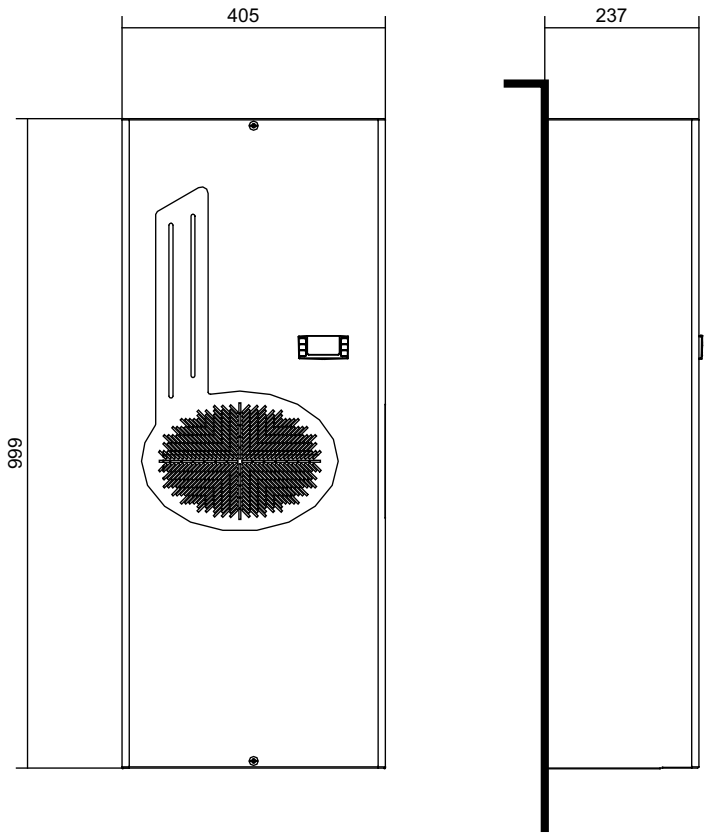
Accessories/Options	
Pack of 5 cloth air filters	C15000163
Pack of 1 metal air filter	C15000164
Version "0" for Semi-recessed mounting	
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



EGO10 Cooling units for door or wall mounting

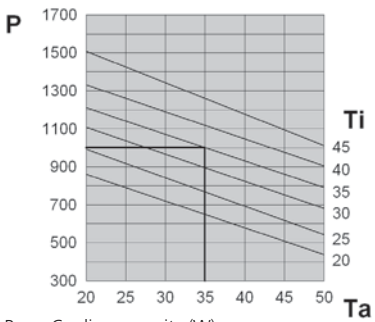
Characteristics	M.U.	EGO10BT1B	EGO10CT1B	EGO10GT1B
Cooling capacity EN14511 - A35A35	W	1000	1000	1000
Cooling capacity EN14511 - A35A50	W	790	790	790
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	348	348	348
Height	mm	783	783	783
Depth	mm	216	216+42**	216+58**
Max. current	A	3	6,7	2
Inrush current	A	10,5	23	8
Fuse T	A	6	10	4
Absorbed electric power EN14511 - A35A35	W	470	490	490
Absorbed electric power EN14511 - A35A50	W	560	580	580
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,27	0,27	0,27
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	570	570	570
Enclosure fan air flow	m³/h	330	330	330
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C		
External temperature range	°C	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	65	65	65
Weight	Kg	28	29	29
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

* 50 °C at 60 Hz

** Depth increases due to the external mounting of the autotransformer

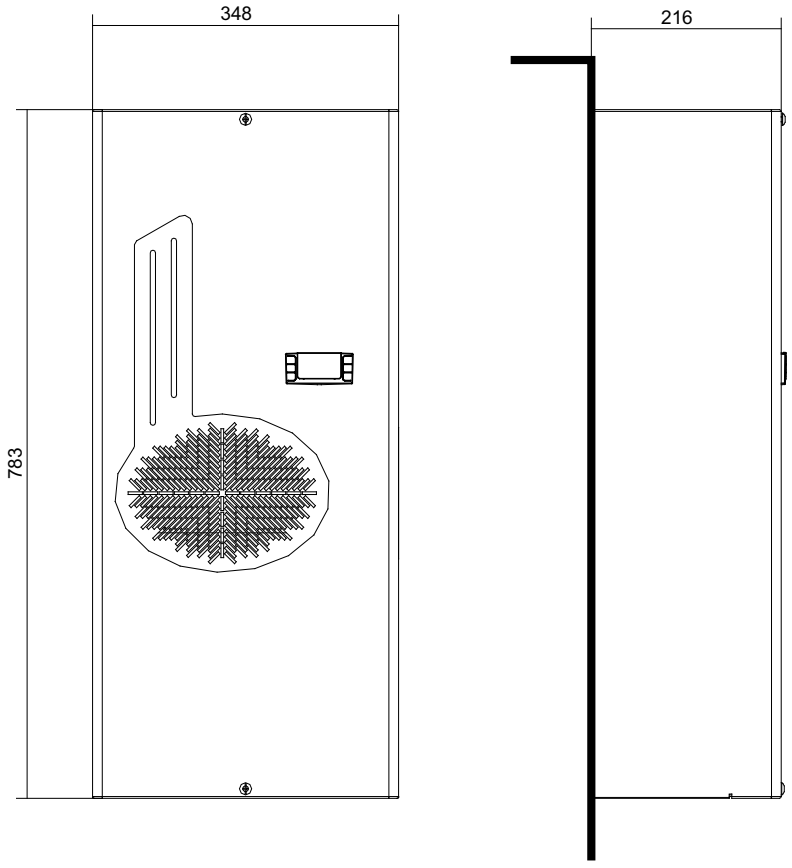
Accessories/Options	
Pack of 5 cloth air filters	AAEFP10
Pack of 1 metal air filter	AAEFM10
Version "0" for Semi-recessed mounting	
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



EGO08 Cooling units for door or wall mounting

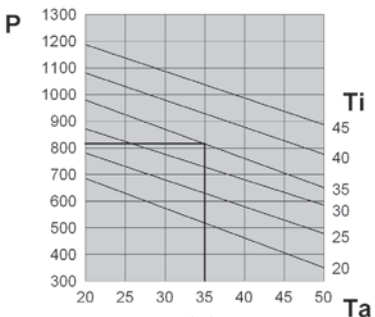
Characteristics	M.U.	EGO08BT1B	EGO08CT1B	EGO08GT1B
Cooling capacity EN14511 - A35A35	W	820	820	820
Cooling capacity EN14511 - A35A50	W	680	680	680
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	348	348	348
Height	mm	783	783	783
Depth	mm	216	216+42**	216+58**
Max. current	A	2,6	5,3	1,7
Inrush current	A	10,8	21,5	6,1
Fuse T	A	6	10	6
Absorbed electric power EN14511 - A35A35	W	410	420	420
Absorbed electric power EN14511 - A35A50	W	490	500	500
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,28	0,28	0,28
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	570	570	570
Enclosure fan air flow	m³/h	330	330	330
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C		
External temperature range	°C	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	65	65	65
Weight	Kg	27	28	28
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

* 50 °C at 60 Hz

** Depth increases due to the external mounting of the autotransformer

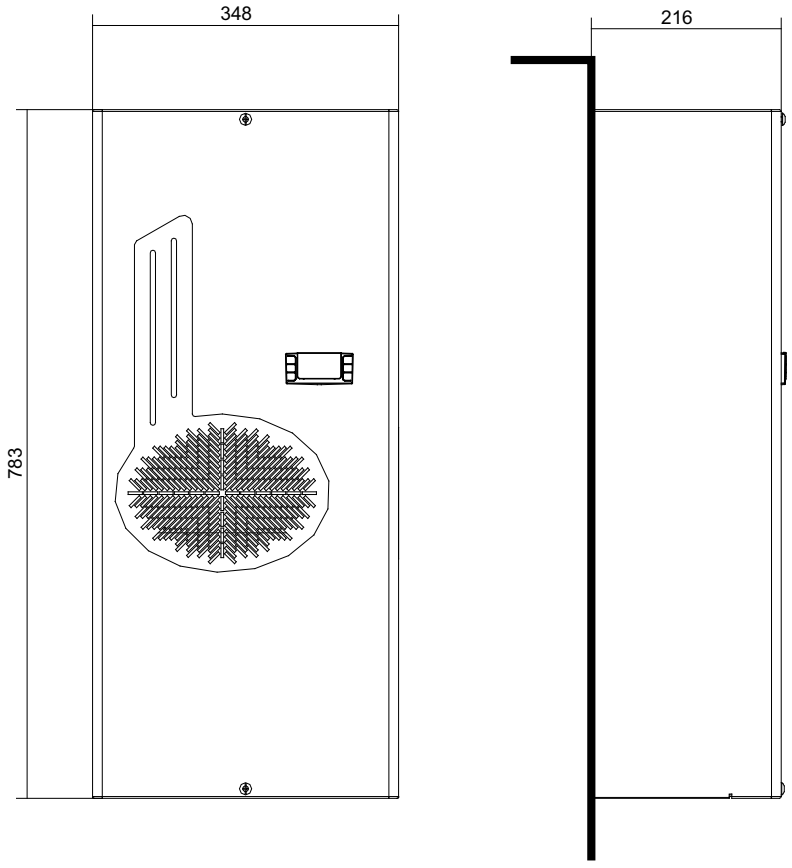
Accessories/Options	
Pack of 5 cloth air filters	AAEFP10
Pack of 1 metal air filter	AAEFM10
Version "0" for Semi-recessed mounting	
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



EGO06 Cooling units for door or wall mounting

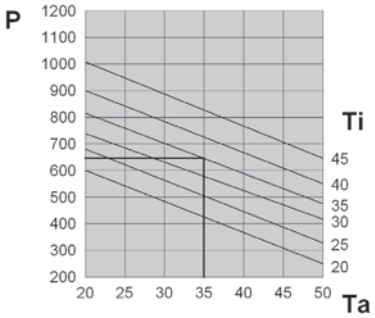
Characteristics	M.U.	EGO06BT1B	EGO06CT1B	EGO06GT1B
Cooling capacity EN14511 - A35A35	W	640	640	640
Cooling capacity EN14511 - A35A50	W	470	470	470
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	316	316	316
Height	mm	606	606	606
Depth	mm	212	212+42**	212+58**
Max. current	A	2,1	4,4	1,2
Inrush current	A	8,1	16	5
Fuse T	A	6	8	2
Absorbed electric power EN14511 - A35A35	W	380	390	390
Absorbed electric power EN14511 - A35A50	W	420	430	430
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,26	0,26	0,26
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	570	570	570
Enclosure fan air flow	m³/h	330	330	330
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C		
External temperature range	°C	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	65	65	65
Weight	Kg	21	22	22
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

* 50 °C at 60 Hz

** Depth increases due to the external mounting of the autotransformer

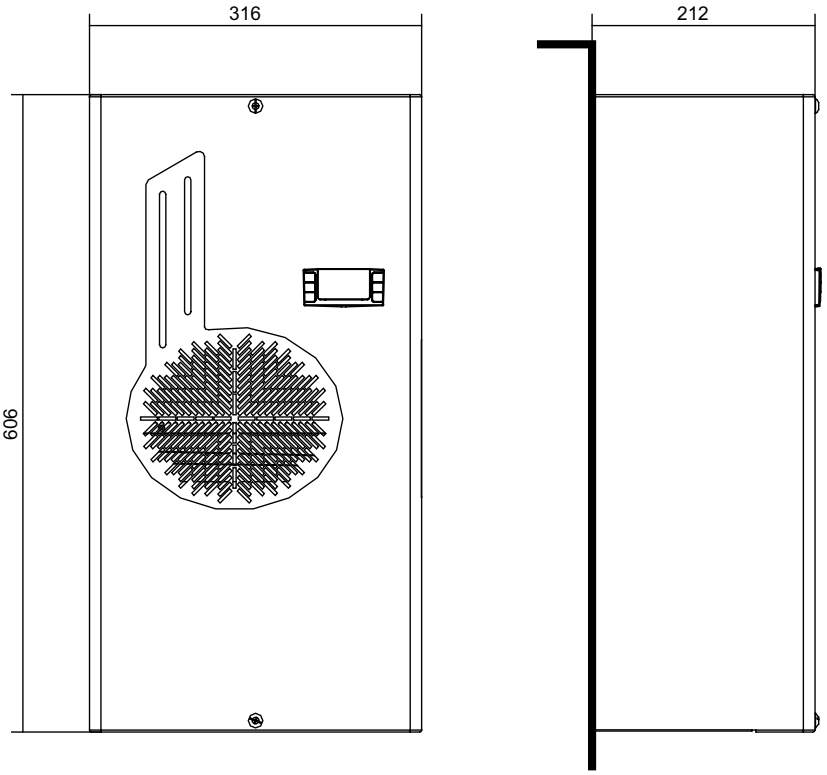
Accessories/Options	
Pack of 5 cloth air filters	AAEFO06
Pack of 1 metal air filter	AAEFM06
Version "0" for Semi-recessed mounting	
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



EGO04 Cooling units for door or wall mounting

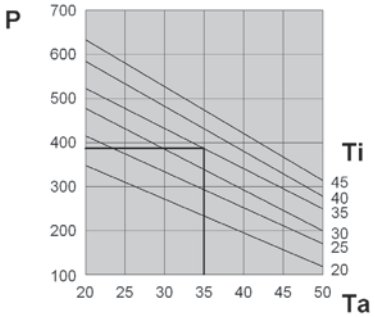
Characteristics	M.U.	EGO04BT1B	EGO04CT1B
Cooling capacity EN14511 - A35A35	W	380	380
Cooling capacity EN14511 - A35A50	W	240	240
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	285	285
Height	mm	460	460
Depth	mm	180	180+35**
Max. current	A	1,6	3,2
Inrush current	A	6	11
Fuse T	A	4	6
Absorbed electric power EN14511 - A35A35	W	230	240
Absorbed electric power EN14511 - A35A50	W	260	270
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,16	0,16
Cooling circuit max. pressure	bar	26	26
External fan air flow	m³/h	280	280
Enclosure fan air flow	m³/h	280	280
Internal temperature range	°C	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C	
External temperature range	°C	20-55*	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	60	60
Weight	Kg	17	18
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

* 50 °C at 60 Hz

** Depth increases due to the external mounting of the autotransformer

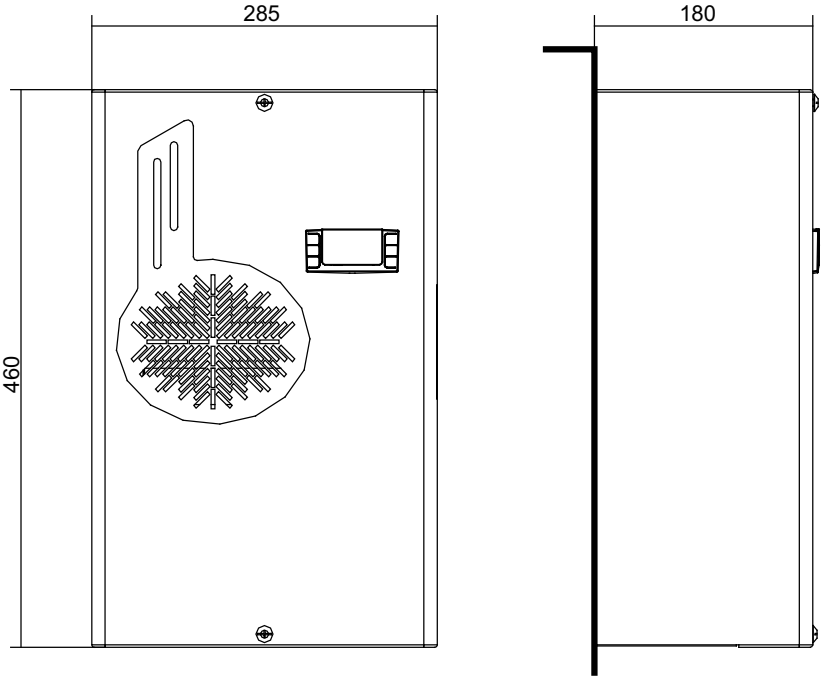
Accessories/Options	
Pack of 5 cloth air filters	AAEFP04
Pack of 1 metal air filter	AAEFM04
Version "0" for Semi-recessed mounting	
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



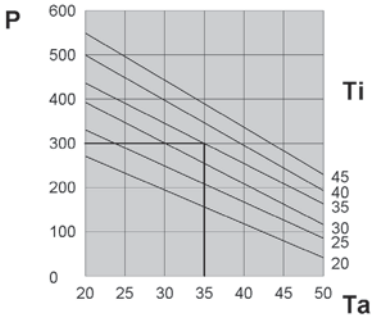
EGOS3 Cooling units for door or wall mounting

Characteristics	M.U.	EGOS3BT1B
Cooling capacity EN14511 - A35A35	W	300
Cooling capacity EN14511- A35A50	W	150
Power supply	V ~ Hz	230 1~ 50-60
Width	mm	525
Height	mm	345
Depth	mm	136
Max. current	A	1,5
Inrush current	A	4,2
Fuse T	A	4
Absorbed electric power EN14511 - A35A35	W	270
Absorbed electric power EN14511 - A35A50	W	310
Duty cycle	-	100%
Electrical connection	-	4 pole plug
Refrigerant R134a	Kg	0,12
Cooling circuit max. pressure	bar	25
External fan air flow	m³/h	280
Enclosure fan air flow	m³/h	280
Internal temperature range	°C	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C
External temperature range	°C	20-55*
Protection level EN60529 - enclosure side	-	IP55
Protection level EN60529 - ambient side	-	IP34
Noise level	dB (A)	61
Weight	Kg	14
Conformity	-	CE
Colour	-	RAL 7035 orange peel effect

* 50 °C at 60 Hz

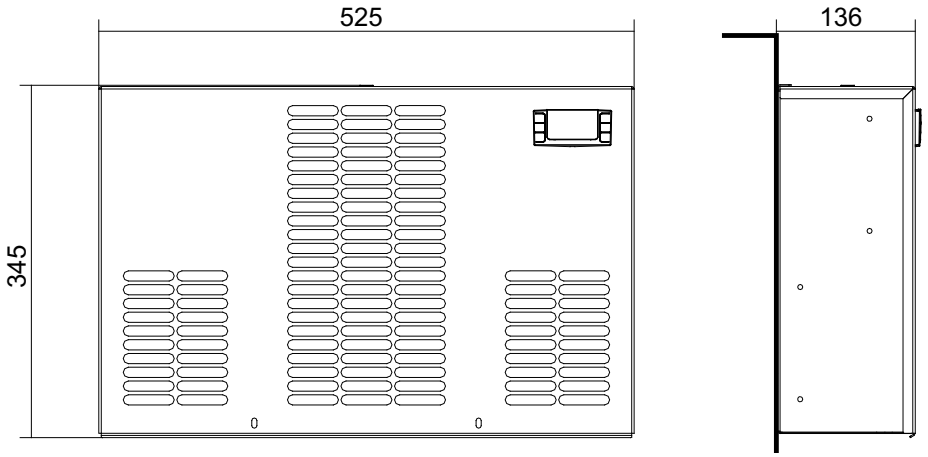
Accessories/Options	
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



DEK Cooling units for roof mounting

Quick assembly, reliability, minimised maintenance and optimum design are the planning criteria used to guide the construction of the DEK cooling unit series, TEXA's response to the requirements of the most demanding users.

A wide power range
The range of powers available goes from 410 to 3850 W, covering the majority of applications for cooling electric enclosures in an extremely compact package.

Protection against condensate
Great attention is paid to the protection of the electric cabinet against condensate. To that purpose a small stainless steel tank complete with a service discharge pipe and an emergency discharge pipe is provided inside the cooling unit to collect the condensate and to drain it out.

Electronic regulation control
All TEXA air conditioning units are supplied with electronic adjustment as standard.

Quick installation
Installation is very quick thanks to the simplicity of the holes to be drilled on the enclosure panel and to the fixing system, whose elements are all included in the cooling unit packaging.
They all lend themselves to easy and safe electrical connection by means of rapid connectors which are inserted into the back of the unit.

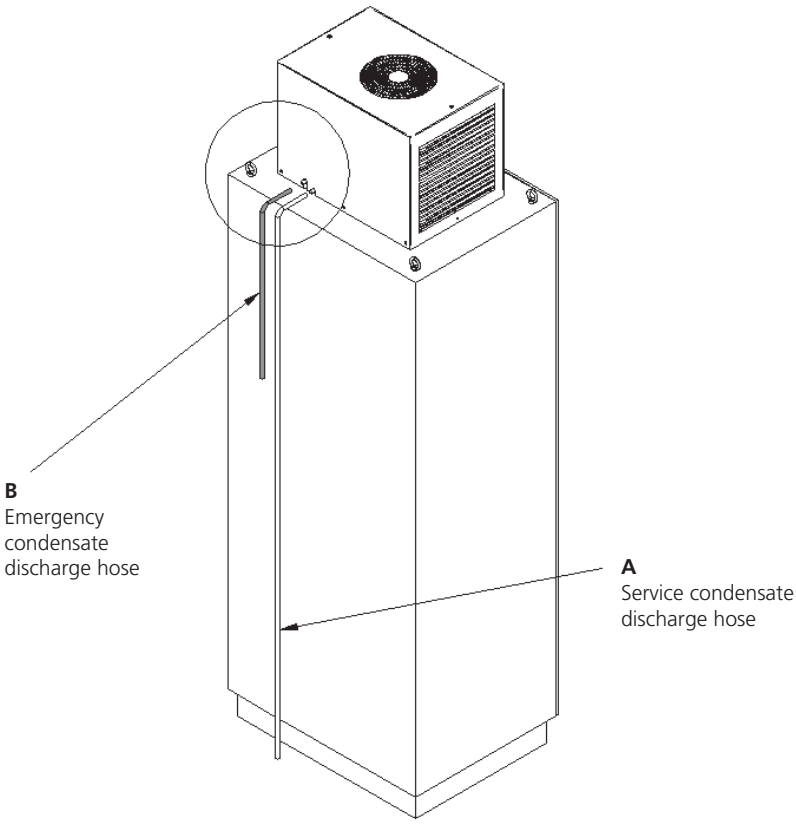
Minimised maintenance
All the cooling units feature heat exchange surfaces designed to prevent clogging by solid contaminants in the ambient air. They maintain high efficiency even when the environmental conditions are bad, thus reducing maintenance work drastically meaning that the cooling unit can work without a filter on the external air intake.

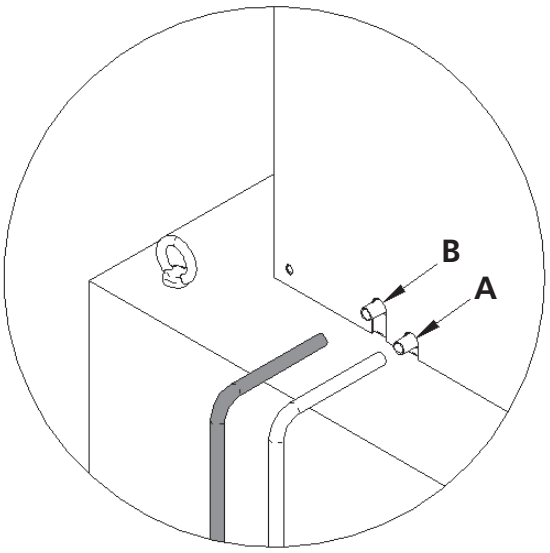
Optimum enclosure protection
Thanks to the special internal configuration that keeps the flow of outside air separated and sealed from the inside air, and to the self-adhesive coupling seal, the DEK cooling units allow the enclosure to maintain an IP54 protection level.

Safe guarding the environment
Great attention is paid to limiting the noise level, being one of the most important criteria when designing the DEK cooling units. They are, in fact, designed to minimise disturbance caused by noise to ensure a quiet working place. To protect the environment all the cooling units use the CFC-free, ozone-friendly refrigerant R134a.

Supply voltage
The DEK cooling units are available for the main AC supply voltage: 230V single-phase, 400-440V two-phase (in the case of voltage between lines when there is no neutral), 115V single-phase and 400V three-phase, all bifrequency 50-60 Hz. On request and for substantial quantities they can also be available with other voltages not given in the catalogue.

Painting
RAL 7035 orange peel effect is the standard colour. Epoxy powder paint is used. On request other colours are available as well as stainless steel versions.





For an optimum protection of the electronic components inside the electric enclosure, the DEK cooling units are fitted with a double condensate discharge hose. The service hose **A** gets rid of condensate under normal conditions of use.
Should the service hose or the condensate flow become clogged, the condensate exits through the emergency discharge hose **B**. The service hose is transparent and reaches the base of the enclosure.
The emergency hose is coloured and ends just a short distance from the edge of the enclosure so it can always be seen.

Application tips

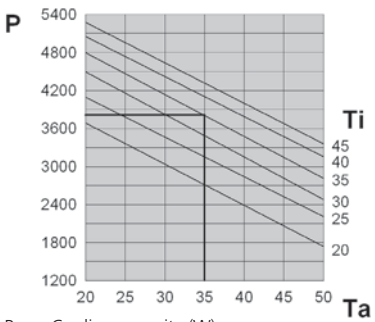
- When choosing the cooling unit maintain a safety margin of at least 10% on the rated power considering the most difficult conditions it will have to work in.
- Seal the enclosure well. Slits and openings will cause the cooling unit's capacity to drop considerably and excessive condensate to form.
- Inspect the condensate drip tray regularly and remove all impurities.
- The cooling unit is factory set at 35°C which is the optimum temperature for the majority of applications. Unless it is strictly necessary, do not reduce the temperature as it would diminish the efficiency of the cooling unit and cause an excessive production of condensate.
- Arrange the electronic components inside the enclosure in such a way to facilitate the flow of air. Do not obstruct the air inlet or outlet with components installed too close. Any components that have their own internal ventilation must have the flow aimed so as not hinder the cooling unit air flow.
- Switch the cooling unit off if the enclosure doors are opened. This is to prevent an excessive production of condensate. To this end, install a limit switch on the door.
- The line supplying electricity to the cooling unit must be protected with a delayed fuse or a circuit breaker suitably rated according to the unit's technical data.

DEK40 Cooling units for roof mounting

Characteristics	M.U.	DEK40BT0B	DEK40LT0B
Cooling capacity EN14511 - A35A35	W	3850	3850
Cooling capacity EN14511 - A35A50	W	2870	2870
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60
Width	mm	492	492
Height	mm	496	496
Depth	mm	784	784
Max. current	A	9	3,4
Inrush current	A	38,2	17
Fuse T	A	18	6
Absorbed electric power EN14511 - A35A35	W	1690	1630
Absorbed electric power EN14511 - A35A50	W	1950	1890
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	1,8	1,6
Cooling circuit max. pressure	bar	25	25
External fan air flow	m³/h	3410	3410
Enclosure fan air flow	m³/h	1450	1450
Internal temperature range	°C	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C	
External temperature range	°C	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	75	75
Weight	Kg	83	86
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

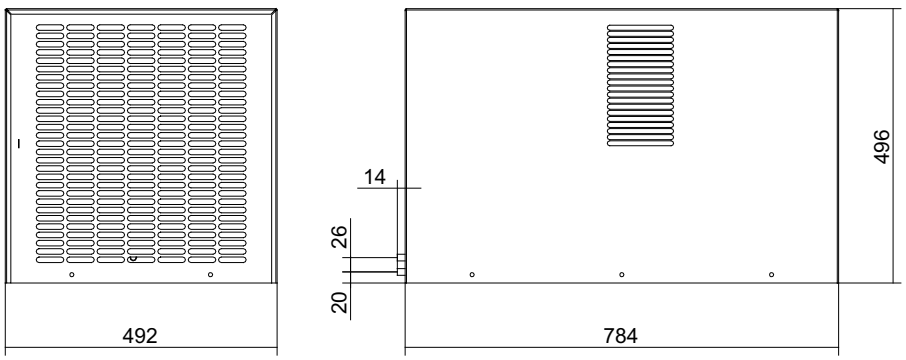
Accessories/Options	
Pack of 5 cloth air filters	AADFP30
Pack of 1 metal air filter	AADFM30
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

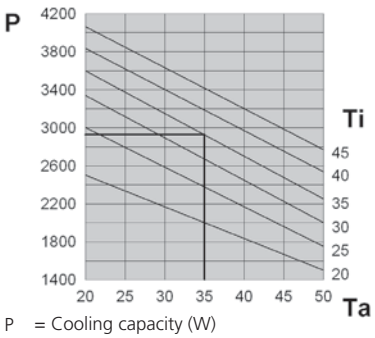


DEK30 Cooling units for roof mounting

Characteristics	M.U.	DEK30BT0B	DEK30LT0B
Cooling capacity EN14511 - A35A35	W	2900	2900
Cooling capacity EN14511 - A35A50	W	2250	2250
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60
Width	mm	492	492
Height	mm	496	496
Depth	mm	784	784
Max. current	A	8,2	2,5
Inrush current	A	38,4	15,7
Fuse T	A	16	6
Absorbed electric power EN14511 - A35A35	W	1350	1210
Absorbed electric power EN14511 - A35A50	W	1610	1450
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	1,26	1,2
Cooling circuit max. pressure	bar	25	25
External fan air flow	m³/h	3410	3410
Enclosure fan air flow	m³/h	860	860
Internal temperature range	°C	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C	
External temperature range	°C	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	75	75
Weight	Kg	80	83
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

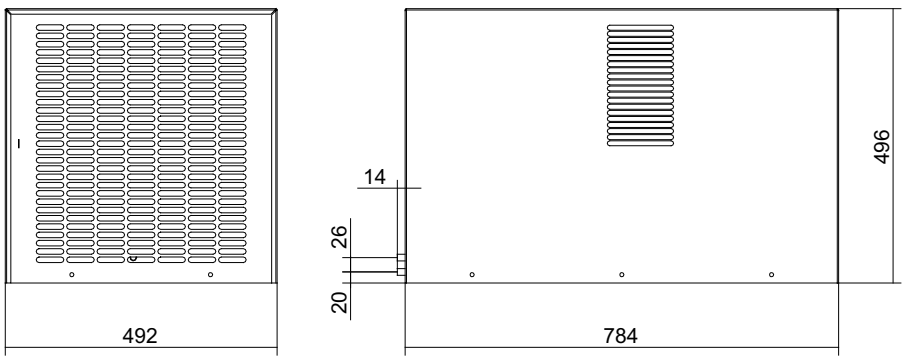
Accessories/Options	
Pack of 5 cloth air filters	AADFP30
Pack of 1 metal air filter	AADFM30
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



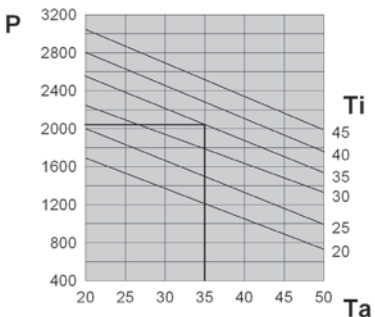
DEK20 Cooling units for roof mounting

Characteristics	M.U.	DEK20BT0B	DEK20CT0B	DEK20LT0B
Cooling capacity EN14511 - A35A35	W	2050	2050	2050
Cooling capacity EN14511 - A35A50	W	1560	1560	1560
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400 3~ 50-60
Width	mm	401	401	401
Height	mm	415	415	415
Depth	mm	572	572	572
Max. current	A	6	13,2	1,9
Inrush current	A	24	48	10
Fuse T	A	10	20	4
Absorbed electric power EN14511 - A35A35	W	1190	1220	990
Absorbed electric power EN14511 - A35A50	W	1300	1320	1190
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,55	0,55	0,55
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	1820	1820	1820
Enclosure fan air flow	m³/h	1050	1050	1050
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C		
External temperature range	°C	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	65	65	65
Weight	Kg	50	56	52
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

* 50 °C at 60 Hz

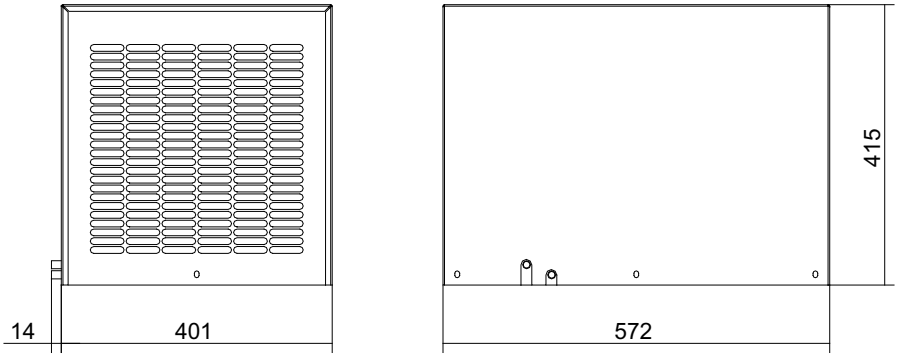
Accessories/Options	
Pack of 5 cloth air filters	AADFP12
Pack of 1 metal air filter	AADFM12
Level Switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



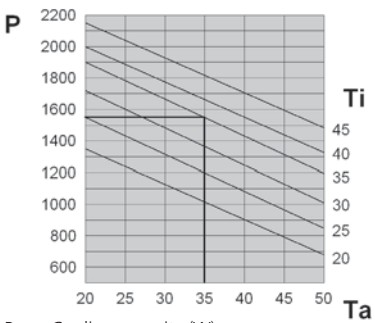
DEK15 Cooling units for roof mounting

Characteristics	M.U.	DEK15BT0B	DEK15CT0B	DEK15GT0B
Cooling capacity EN14511 - A35A35	W	1550	1550	1550
Cooling capacity EN14511 - A35A50	W	1200	1200	1200
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	401	401	401
Height	mm	415	415	415
Depth	mm	572	572	572
Max. current	A	4,5	10	2,8
Inrush current	A	18	39	9,6
Fuse T	A	8	16	4
Absorbed electric power EN14511 - A35A35	W	810	820	820
Absorbed electric power EN14511 - A35A50	W	930	940	940
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,54	0,54	0,54
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	1820	1820	1820
Enclosure fan air flow	m³/h	860	860	860
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C		
External temperature range	°C	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	65	65	65
Weight	Kg	44	46	46
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

* 50 °C at 60 Hz

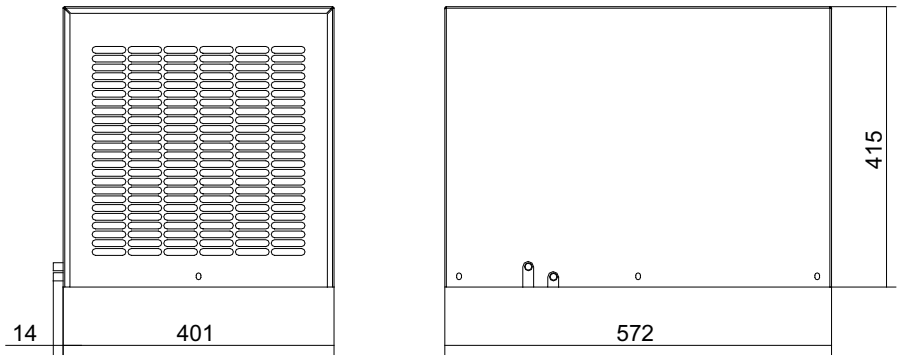
Accessories/Options	
Pack of 5 cloth air filters	AADFP12
Pack of 1 metal air filter	AADFM12
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



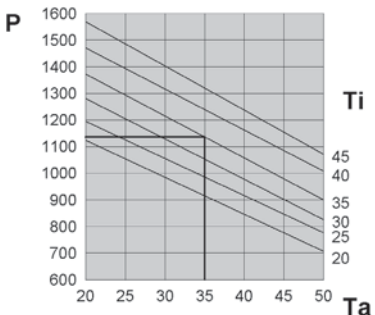
DEK12 Cooling units for roof mounting

Characteristics	M.U.	DEK12BT0B	DEK12CT0B	DEK12GT0B
Cooling capacity EN14511 - A35A35	W	1150	1150	1150
Cooling capacity EN14511 - A35A50	W	900	900	900
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	401	401	401
Height	mm	415	415	415
Depth	mm	572	572	572
Max. current	A	3,2	6,4	2,2
Inrush current	A	11	22	8
Fuse T	A	6	12	6
Absorbed electric power EN14511 - A35A35	W	550	560	560
Absorbed electric power EN14511 - A35A50	W	660	670	670
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,63	0,63	0,63
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	1010	1010	1010
Enclosure fan air flow	m³/h	570	570	570
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C		
External temperature range	°C	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	65	65	65
Weight	Kg	40	42	42
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

* 50 °C at 60 Hz

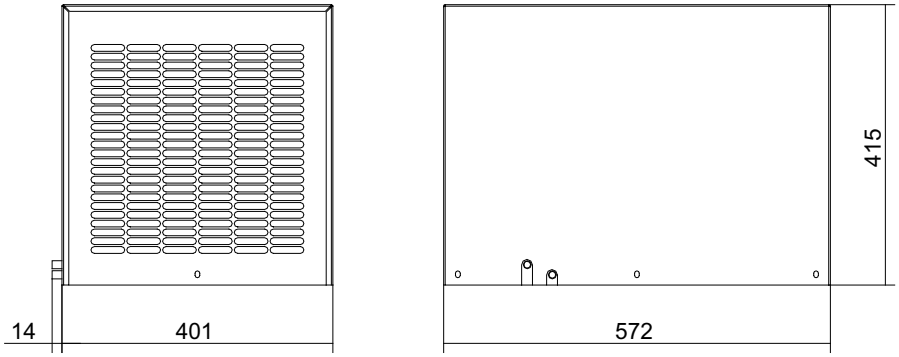
Accessories/Options	
Pack of 5 cloth air filters	AADFP12
Pack of 1 metal air filter	AADFM12
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



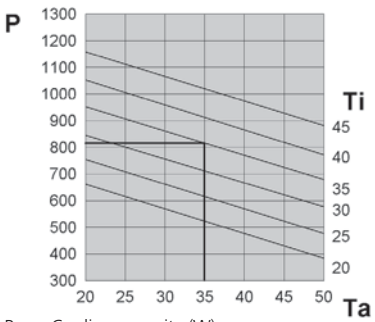
DEK08 Cooling units for roof mounting

Characteristics	M.U.	DEK08BT0B	DEK08CT0B	DEK08GT0B
Cooling capacity EN14511 - A35A35	W	820	820	820
Cooling capacity EN14511 - A35A50	W	680	680	680
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	341	341	341
Height	mm	339	339	339
Depth	mm	600	600	600
Max. current	A	2,9	5,7	1,7
Inrush current	A	12	19	7
Fuse T	A	6	10	4
Absorbed electric power EN14511 - A35A35	W	510	520	520
Absorbed electric power EN14511 - A35A50	W	560	570	570
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,31	0,31	0,31
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	860	860	860
Enclosure fan air flow	m³/h	570	570	570
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C		
External temperature range	°C	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	62	62	62
Weight	Kg	23	24	24
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

* 50 °C at 60 Hz

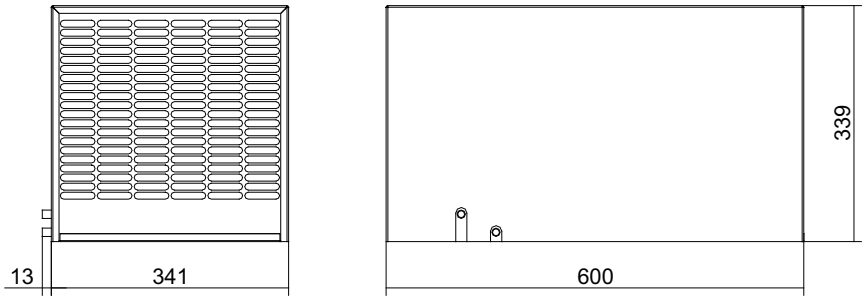
Accessories/Options	
Pack of 5 cloth air filters	C15000173
Pack of 1 metal air filter	C15000174
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



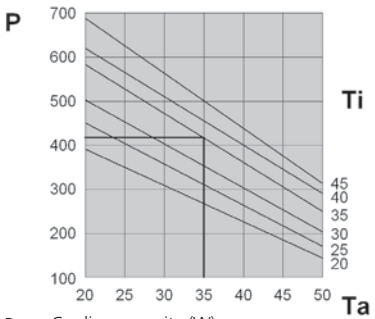
DEK04 Cooling units for roof mounting

Characteristics	M.U.	DEK04BT0B	DEK04CT0B
Cooling capacity EN14511 - A35A35	W	410	410
Cooling capacity EN14511 - A35A50	W	240	240
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	259	259
Height	mm	260	260
Depth	mm	481	481
Max. current	A	1,5	2,9
Inrush current	A	4	10
Fuse T	A	4	6
Absorbed electric power EN14511 - A35A35	W	270	280
Absorbed electric power EN14511 - A35A50	W	315	325
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,17	0,17
Cooling circuit max. pressure	bar	26	26
External fan air flow	m³/h	330	330
Enclosure fan air flow	m³/h	235	235
Internal temperature range	°C	20-46	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C	
External temperature range	°C	20-55*	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34
Noise level	dB (A)	60	60
Weight	Kg	18	19
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

* 50 °C at 60 Hz

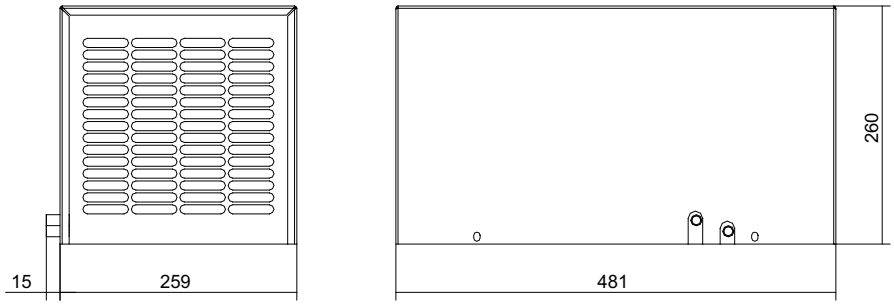
Accessories/Options	
Pack of 5 cloth air filters	C15000171
Pack of 1 metal air filter	C15000172
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions




AUX
SET
23°C
TX850

EMO Outdoor cooling units for door or wall mounting

The new cooling EMO series is the TEXA solution for the outdoor installations. Quick assembly, minimised maintenance and high reliability in the heavy ambient condition.

A wide power range
The range of powers available goes from 400 to 9400 W, covering the majority of applications for cooling electric enclosures in an extremely compact package.

Regulation and safety devices
The EMO cooling units are supplied with electromechanical thermostat as standard. This thermostat guarantees the maximun reliability also in extreme ambient conditions. The refrigeration circuit is protected by high and low self-reset safety pressure switches. An ON/OFF pressure switch with fixed setting drives the condenser fan.

Quick installation
Installation is very quick thanks to the simplicity of the holes to be drilled on the enclosure panel and to the fixing system, whose elements are all included in the cooling unit packaging. They all lend themselves to easy and safe electrical connection by means of rapid connectors which are inserted into the back of the unit.

Ideal enclosure cooling
Internal enclosure air is sucked up from the top of it, cooled inside the cooling unit and let back into the enclosure with a high-speed flow aimed towards the bottom. This ensures optimum cooling of the whole panel and puts a stop to any hot points of the electronic components protected by the cooling unit.

Minimised maintenance
All the cooling units feature heat exchange surfaces designed to prevent clogging by solid contaminants in the ambient air. The condenser heat exchangers are protected by Cataphoresis treatment that prevent the corrosion and the dirtiness. They maintain high efficiency even when the environmental conditions are bad, thus reducing maintenance work drastically meaning that the cooling unit can work without a filter on the external air intake.

Enclosure protection category IP55
Thanks to the special internal configuration that keeps the flow of outside air separated and sealed from the inside air, and to the new self-adhesive coupling seal, the EMO (from model EMO 04 to model EMO 40) cooling units allow the enclosure to maintain an IP55 protection category.

Safe guarding the environment
Great attention is paid to limiting the noise level, being one of the most important criteria when designing the EMO cooling units. They are, in fact, designed to minimise disturbance caused by noise to ensure a quiet working place. To protect the environment the cooling units use the CFC-free, ozone-friendly refrigerants R134a or R407C.

Supply voltage
The EMO cooling units are available for the main AC supply voltage: 230V single-phase, 400-440V two-phase (in the case of voltage between lines when there is no neutral), 115V single-phase and 400V three-phase, all bifrequency 50-60 Hz; 400V and 460 V three-phase, monofrequency (50 or 60 Hz). On request and for substantial quantities they can also be available with other voltages not given in the catalogue.

Frame and painting
The frame is build in painted sheet metal. Epoxy powder paint is used. RAL 7035 orange peel effect is the standard colour. On request other colours are available as well as stainless steel versions. Rubber covers and heat shrinkable sheathes protect the electrical connections located at the ambient side making them suitable for the outdoor use. The ambient side electrical connections feature an IP54 degree.

Temperature range
The EMO cooling units must be operated in ambient temperature range from -20 to +55°C. The internal enclosure temperature must be regulated between +20 and +46°C (the cooling unit is factory set at +35°C).

Optional
The EMO cooling units can be equipped with the following optionals:
- stainless steel frame
- 48 VDC evaporator fan (separate power supply)
- front frame closing with anti-vandalism screws
- high temperature alarm
- high and low pressure common alarm

Application tips

- When choosing the cooling unit maintain a safety margin of at least 10% on the rated power considering the most difficult conditions it will have to work in.
- Seal the enclosure well. Slits and openings will cause the cooling unit's capacity to drop considerably and excessive condensate to form.
- Install the cooling unit on a door or wall but always as high up as possible so that the air is taken from the top of the enclosure where very hot air is created.
- The cooling unit is factory set at 35°C which is the optimum temperature for the majority of applications. Unless it is strictly necessary, do not reduce the temperature as it would diminish the efficiency of the cooling unit and cause an excessive production of condensate.
- Arrange the electronic components inside the enclosure in such a way to facilitate the flow of air. Do not obstruct the air inlet or outlet with components installed too close. Any components that have their own internal ventilation must have the flow aimed so as not hinder the cooling unit air flow.
- Switch the cooling unit off if the enclosure doors are opened. This is to prevent an excessive production of condensate. To this end, install a limit switch on the door.
- The line supplying electricity to the cooling unit must be protected with a delayed fuse or a circuit breaker suitably rated according to the unit's technical data.

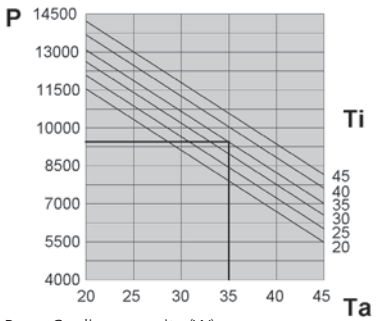
EMOA0 Outdoor cooling units for door or wall mounting

Characteristics	M.U.	EMOA0MMEB	EMOA0NMEB
Cooling capacity EN14511 - A35A35	W	9400	9850
Cooling capacity EN14511 - A35A50	W	7000	7350
Power supply	V ~ Hz	400 3~ 50	460 3~ 60
Width	mm	800	800
Height	mm	2000	2000
Depth	mm	387	387
Max. current	A	9,1	10,3
Inrush current	A	30,7	32,5
Fuse T	A	18	18
Absorbed electric power EN14511 - A35A35	W	3650	4380
Absorbed electric power EN14511 - A35A50	W	5400	6340
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant R134a	Kg	2,3	2,3
Cooling circuit max. pressure	bar	27	27
External fan air flow	m³/h	2900	2900
Enclosure fan air flow	m³/h	2900	2900
Internal temperature range	°C	+20/+46	+20/+46
Temperature setting	-	Electromechanical thermostat factory set at 35°C	
External temperature range	°C	-20/+45	-20/+45
Protection level EN60529 - enclosure side	-	IP54	IP54
Protection level EN60529 - ambient side	-	IP34*	IP34*
Noise level	dB (A)	77	77
Weight	Kg	180	180
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

*IP54 protection category for the ambient side electrical connection

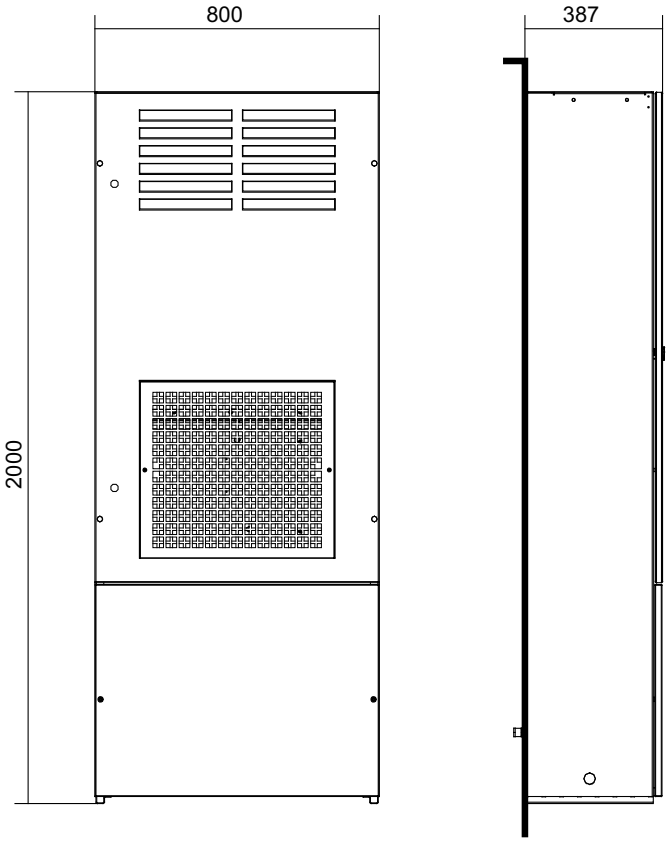
Accessories/Options	
Pack of 5 cloth air filters	C15000188
Pack of 1 metal air filter	C15000189
Stainless steel version	
Special paint on request	
48VDC evaporator fan	
Anti vandalism fixing devices	
High temperature alarm	
Pressure alarms (high and low)	

Performances (EMOA0MMEB)



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



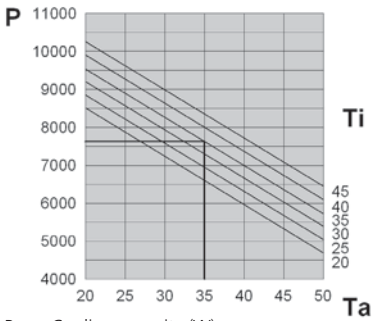
EMO80 Outdoor cooling units for door or wall mounting

Characteristics	M.U.	EMO80MMEB	EMO80NMEB
Cooling capacity EN14511 - A35A35	W	7600	7950
Cooling capacity EN14511 - A35A50	W	5700	5930
Power supply	V ~ Hz	400 3~ 50	460 3~ 60
Width	mm	800	800
Height	mm	2000	2000
Depth	mm	387	387
Max. current	A	8,1	9,3
Inrush current	A	30,7	32,5
Fuse T	A	16	16
Absorbed electric power EN14511 - A35A35	W	3300	4035
Absorbed electric power EN14511 - A35A50	W	4910	5845
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant R134a	Kg	2,8	2,8
Cooling circuit max. pressure	bar	27	27
External fan air flow	m³/h	2900	2900
Enclosure fan air flow	m³/h	2900	2900
Internal temperature range	°C	+20/+46	+20/+46
Temperature setting	-	Electromechanical thermostat factory set at 35°C	
External temperature range	°C	-20/+50	-20/+50
Protection level EN60529 - enclosure side	-	IP54	IP54
Protection level EN60529 - ambient side	-	IP34*	IP34*
Noise level	dB (A)	75	75
Weight	Kg	160	160
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

*IP54 protection category for the ambient side electrical connection

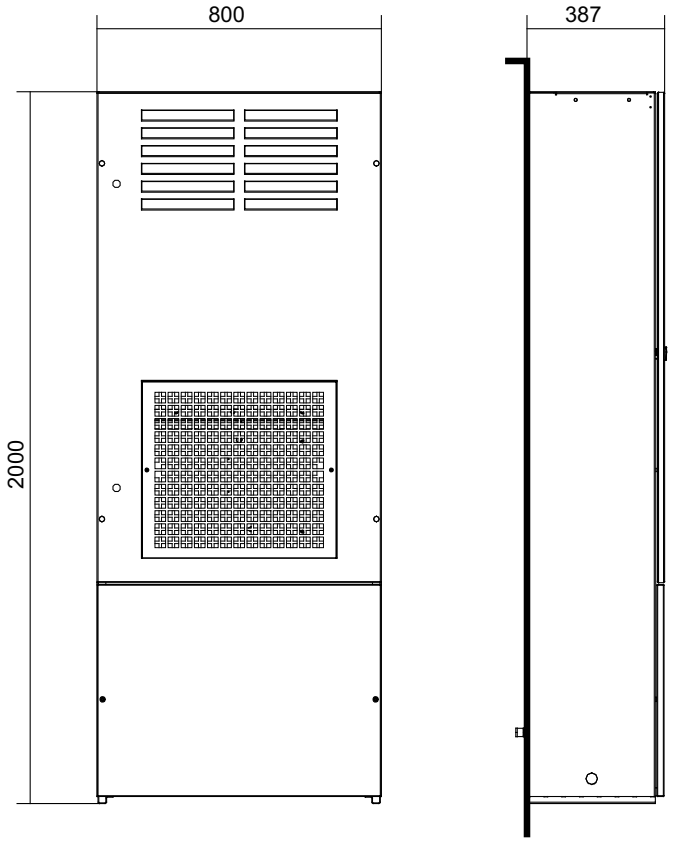
Accessories/Options	
Pack of 5 cloth air filters	C15000188
Pack of 1 metal air filter	C15000189
Stainless steel version	
Special paint on request	
48VDC evaporator fan	
Anti vandalism fixing devices	
High temperature alarm	
Pressure alarms (high and low)	

Performances (EMO80MMEB)



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



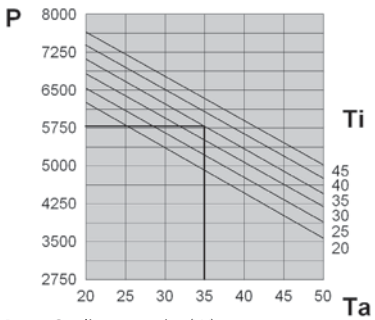
EMO60 Outdoor cooling units for door or wall mounting

Characteristics	M.U.	EMO60MMEB	EMO60NMEB
Cooling capacity EN14511 - A35A35	W	5800	6050
Cooling capacity EN14511 - A35A50	W	4350	4530
Power supply	V ~ Hz	400 3~ 50	460 3~ 60
Width	mm	600	600
Height	mm	2000	2000
Depth	mm	387	387
Max. current	A	5,9	6,8
Inrush current	A	21,7	23,5
Fuse T	A	8	8
Absorbed electric power EN14511 - A35A35	W	2340	2920
Absorbed electric power EN14511 - A35A50	W	3880	4520
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant R407C	Kg	1,8	1,8
Cooling circuit max. pressure	bar	27	27
External fan air flow	m³/h	2900	2900
Enclosure fan air flow	m³/h	1450	1450
Internal temperature range	°C	+20/+46	+20/+46
Temperature setting	-	Electromechanical thermostat factory set at 35°C	
External temperature range	°C	-20/+50	-20/+50
Protection level EN60529 - enclosure side	-	IP54	IP54
Protection level EN60529 - ambient side	-	IP34*	IP34*
Noise level	dB (A)	72	72
Weight	Kg	150	150
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

*IP54 protection category for the ambient side electrical connection

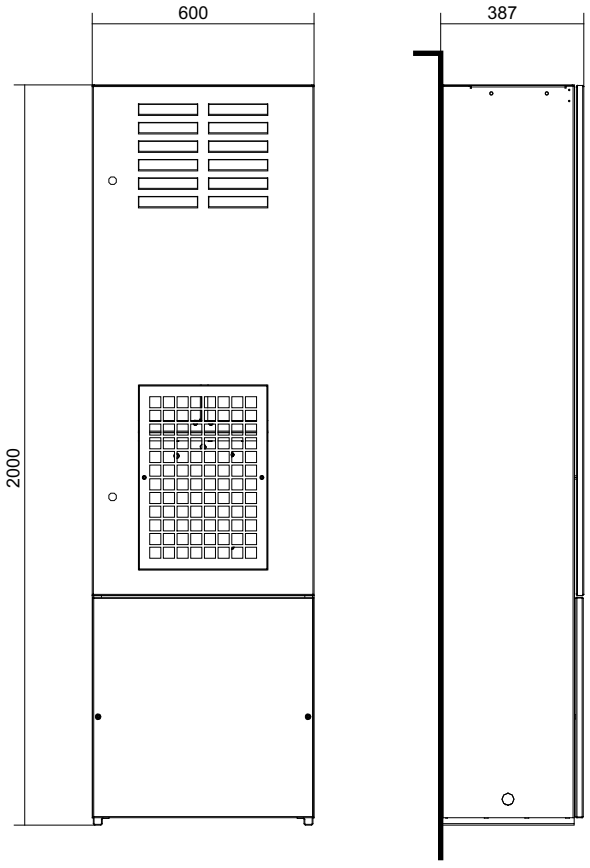
Accessories/Options	
Pack of 5 cloth air filters	C15000175
Pack of 1 metal air filter	C15000176
Stainless steel version	
Special paint on request	
48VDC evaporator fan	
Anti vandalism fixing devices	
High temperature alarm	
Pressure alarms (high and low)	

Performances (EMO60MMEB)



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



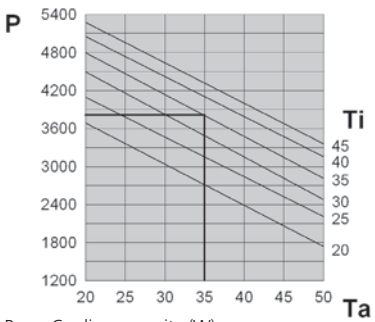
EMO40 Outdoor cooling units for door or wall mounting

Characteristics	M.U.	EMO40BM1B	EMO40LM1B
Cooling capacity EN14511 - A35A35	W	3850	3850
Cooling capacity EN14511 - A35A50	W	2870	2870
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60
Width	mm	512	512
Height	mm	1417	1417
Depth	mm	365	365
Max. current	A	9,5	3,6
Inrush current	A	35,2	18
Fuse T	A	16	8
Absorbed electric power EN14511 - A35A35	W	1710	1780
Absorbed electric power EN14511 - A35A50	W	1990	2050
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	1,14	1,14
Cooling circuit max. pressure	bar	25	25
External fan air flow	m³/h	1450	1450
Enclosure fan air flow	m³/h	1450	1450
Internal temperature range	°C	+20/+46	+20/+46
Temperature setting	-	Electromechanical thermostat factory set at 35°C	
External temperature range	°C	-20/+50	-20/+50
Protection level EN60529 - enclosure side	-	IP55	IP55
Protection level EN60529 - ambient side	-	IP34*	IP34*
Noise level	dB (A)	70	70
Weight	Kg	82	85
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

*IP54 protection category for the ambient side electrical connection

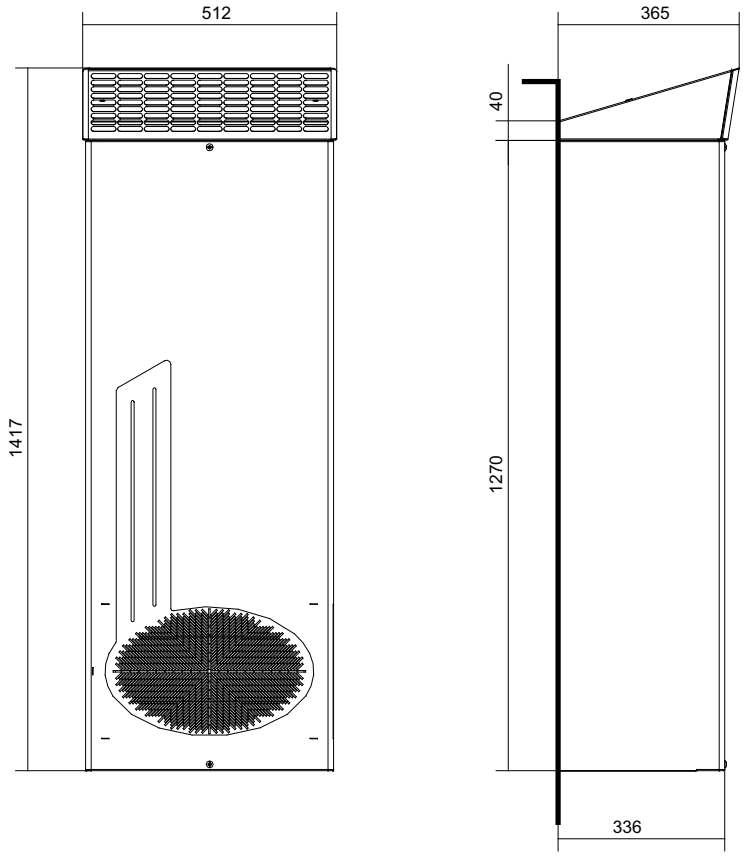
Accessories/Options	
Pack of 5 cloth air filters	C15000183
Pack of 1 metal air filter	C15000185
Stainless steel version	
Special paint on request	
48VDC evaporator fan	
Anti vandalism fixing devices	
High temperature alarm	
Pressure alarms (high and low)	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



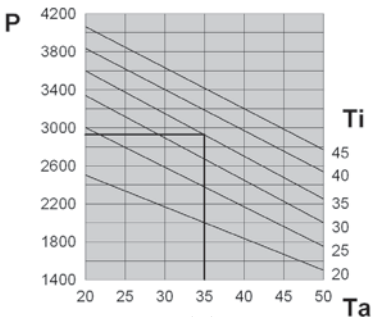
EMO30 Outdoor cooling units for door or wall mounting

Characteristics	M.U.	EMO30BM1B	EMO30LM1B
Cooling capacity EN14511 - A35A35	W	2900	2900
Cooling capacity EN14511 - A35A50	W	2250	2250
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60
Width	mm	512	512
Height	mm	1417	1417
Depth	mm	365	365
Max. current	A	8,2	2,6
Inrush current	A	37,4	14
Fuse T	A	16	6
Absorbed electric power EN14511 - A35A35	W	1340	1220
Absorbed electric power EN14511 - A35A50	W	1560	1440
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,84	0,84
Cooling circuit max. pressure	bar	25	25
External fan air flow	m³/h	1450	1450
Enclosure fan air flow	m³/h	1450	1450
Internal temperature range	°C	+20/+46	+20/+46
Temperature setting	-	Electromechanical thermostat factory set at 35°C	
External temperature range	°C	-20/+50	-20/+50
Protection level EN60529 - enclosure side	-	IP55	IP55
Protection level EN60529 - ambient side	-	IP34*	IP34*
Noise level	dB (A)	70	70
Weight	Kg	80	84
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

*IP54 protection category for the ambient side electrical connection

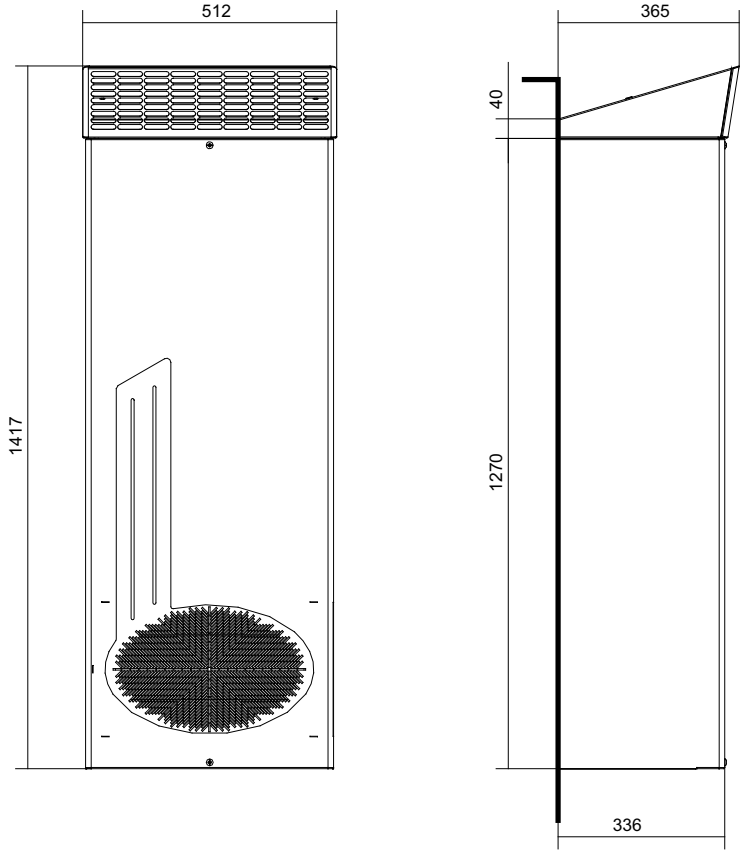
Accessories/Options	
Pack of 5 cloth air filters	C15000183
Pack of 1 metal air filter	C15000185
Stainless steel version	
Special paint on request	
48VDC evaporator fan	
Anti vandalism fixing devices	
High temperature alarm	
Pressure alarms (high and low)	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



EMO20 Outdoor cooling units for door or wall mounting

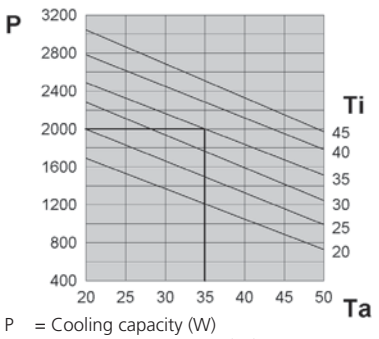
Characteristics	M.U.	EMO20BM1B	EMO20CM1B	EMO20LM1B
Cooling capacity EN14511 - A35A35	W	2000	2000	2000
Cooling capacity EN14511 - A35A50	W	1510	1510	1510
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400 3~ 50-60
Width	mm	415	415	415
Height	mm	1109	1109	1109
Depth	mm	261	261	261
Max. current	A	6,5	13,3	2,5
Inrush current	A	24	48	10
Fuse T	A	10	20	6
Absorbed electric power EN14511 - A35A35	W	1030	1070	1070
Absorbed electric power EN14511 - A35A50	W	1180	1210	1210
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,58	0,58	0,65
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	1050	1050	1050
Enclosure fan air flow	m³/h	860	860	860
Internal temperature range	°C	+20/+46	+20/+46	+20/+46
Temperature setting	-	Electromechanical thermostat factory set at 35°C		
External temperature range	°C	-20/+55**	-20/+50	-20/+50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34*	IP34*	IP34*
Noise level	dB (A)	65	65	65
Weight	Kg	52	54	54
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

*IP54 protection category for the ambient side electrical connection

** 50 °C at 60 Hz

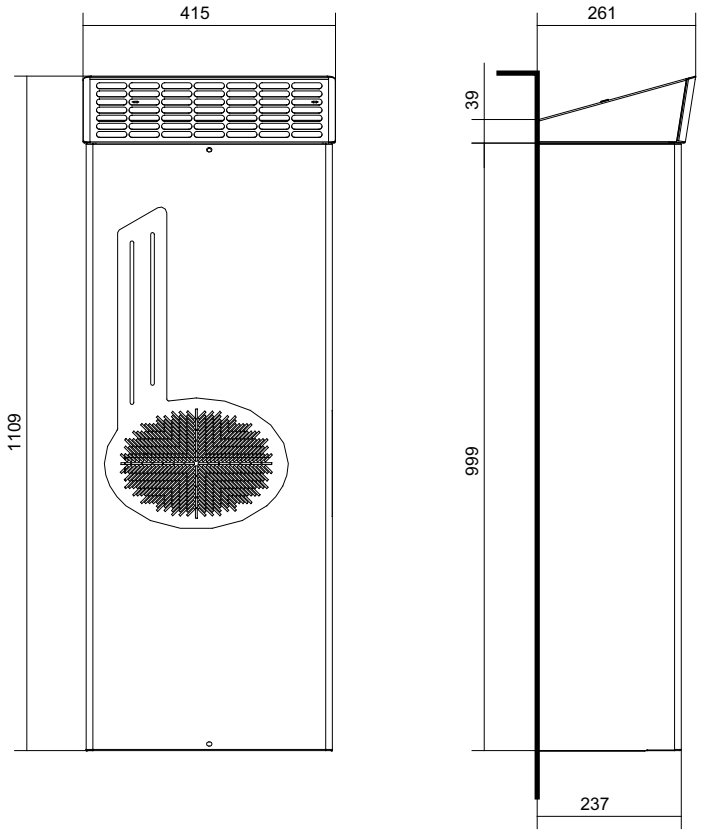
Accessories/Options	
Pack of 5 cloth air filters	C15000163
Pack of 1 metal air filter	C15000164
Stainless steel version	
Special paint on request	
48VDC evaporator fan	
Anti vandalism fixing devices	
High temperature alarm	
Pressure alarms (high and low)	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



EMO16 Outdoor cooling units for door or wall mounting

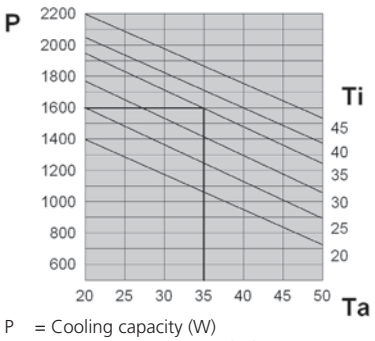
Characteristics	M.U.	EMO16BM1B	EMO16CM1B	EMO16GM1B
Cooling capacity EN14511 - A35A35	W	1600	1600	1600
Cooling capacity EN14511 - A35A50	W	1230	1230	1230
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	415	415	415
Height	mm	1109	1109	1109
Depth	mm	261	261	261
Max. current	A	5,3	12,9	2,9
Inrush current	A	18	39	11
Fuse T	A	10	20	6
Absorbed electric power EN14511 - A35A35	W	820	840	840
Absorbed electric power EN14511 - A35A50	W	940	960	960
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,46	0,46	0,46
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	1050	1050	1050
Enclosure fan air flow	m³/h	570	570	570
Internal temperature range	°C	+20/+46	+20/+46	+20/+46
Temperature setting	-	Electromechanical thermostat factory set at 35°C		
External temperature range	°C	-20/+55**	-20/+50	-20/+50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34*	IP34*	IP34*
Noise level	dB (A)	65	65	65
Weight	Kg	40	42	42
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

*IP54 protection category for the ambient side electrical connection

** 50 °C at 60 Hz

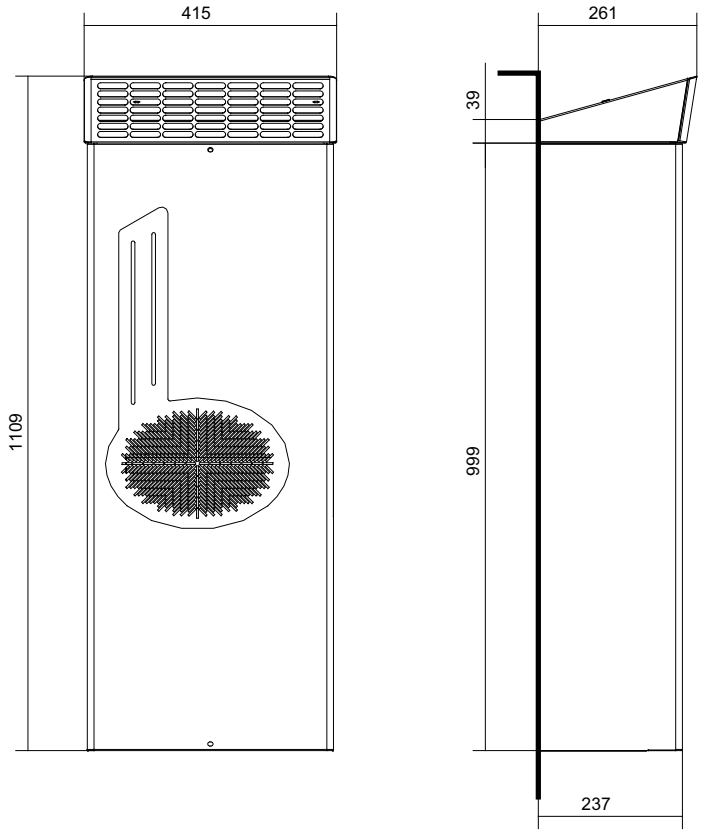
Accessories/Options	
Pack of 5 cloth air filters	C15000163
Pack of 1 metal air filter	C15000164
Stainless steel version	
Special paint on request	
48VDC evaporator fan	
Anti vandalism fixing devices	
High temperature alarm	
Pressure alarms (high and low)	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



EMO12 Outdoor cooling units for door or wall mounting

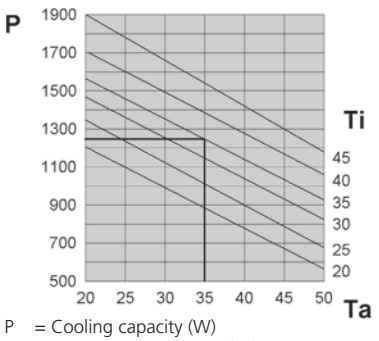
Characteristics	M.U.	EMO12BM1B	EMO12CM1B	EMO12GM1B
Cooling capacity EN14511 - A35A35	W	1250	1250	1250
Cooling capacity EN14511 - A35A50	W	910	910	910
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	415	415	415
Height	mm	1109	1109	1109
Depth	mm	261	261	261
Max. current	A	3,8	7,6	2,2
Inrush current	A	11	24	8,5
Fuse T	A	6	10	4
Absorbed electric power EN14511 - A35A35	W	680	690	690
Absorbed electric power EN14511 - A35A50	W	790	800	800
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,38	0,38	0,38
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	860	860	860
Enclosure fan air flow	m³/h	570	570	570
Internal temperature range	°C	+20/+46	+20/+46	+20/+46
Temperature setting	-	Electromechanical thermostat factory set at 35°C		
External temperature range	°C	-20/+55**	-20/+50	-20/+50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34*	IP34*	IP34*
Noise level	dB (A)	65	65	65
Weight	Kg	38	40	40
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

*IP54 protection category for the ambient side electrical connection

** 50 °C at 60 Hz

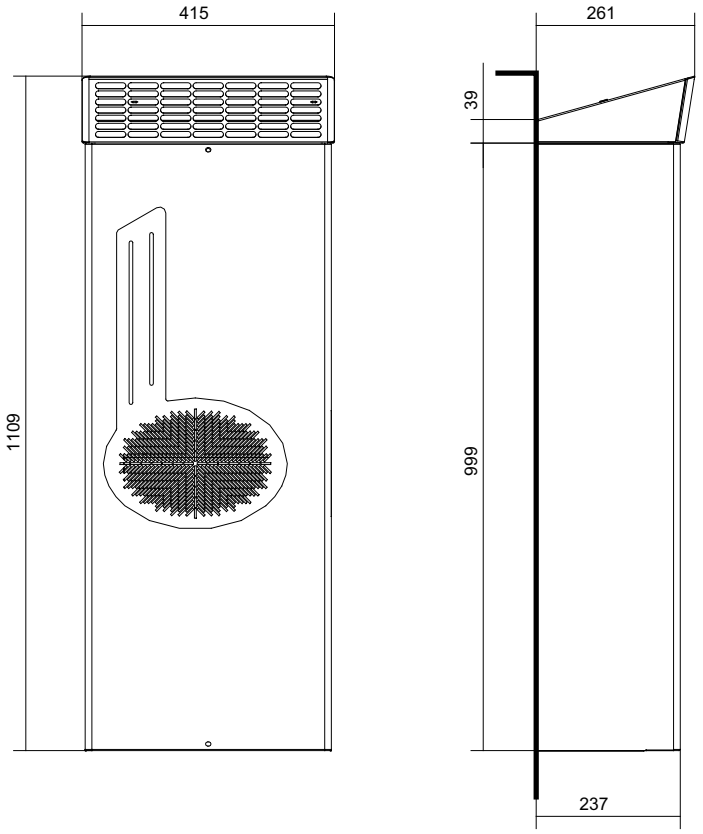
Accessories/Options	
Pack of 5 cloth air filters	C15000163
Pack of 1 metal air filter	C15000164
Stainless steel version	
Special paint on request	
48VDC evaporator fan	
Anti vandalism fixing devices	
High temperature alarm	
Pressure alarms (high and low)	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



EMO10 Outdoor cooling units for door or wall mounting

Characteristics	M.U.	EMO10BM1B	EMO10CM1B	EMO10GM1B
Cooling capacity EN14511 - A35A35	W	1000	1000	1000
Cooling capacity EN14511 - A35A50	W	790	790	790
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	363	363	363
Height	mm	895	895	895
Depth	mm	239	239+42***	239+58***
Max. current	A	3	6,7	2
Inrush current	A	10,5	23	8
Fuse T	A	6	10	4
Absorbed electric power EN14511 - A35A35	W	470	490	490
Absorbed electric power EN14511 - A35A50	W	560	580	580
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,27	0,27	0,27
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	570	570	570
Enclosure fan air flow	m³/h	330	330	330
Internal temperature range	°C	+20/+46	+20/+46	+20/+46
Temperature setting	-	Electromechanical thermostat factory set at 35°C		
External temperature range	°C	-20/+55**	-20/+50	-20/+50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34*	IP34*	IP34*
Noise level	dB (A)	65	65	65
Weight	Kg	28	29	29
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

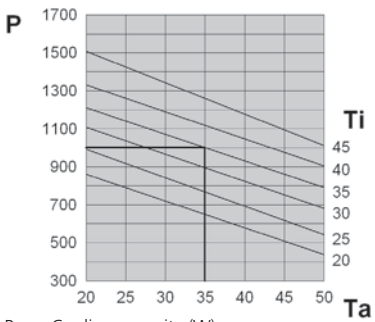
*IP54 protection category for the ambient side electrical connection

** 50 °C at 60 Hz

*** Depth increases due to the external mounting of the autotransformer

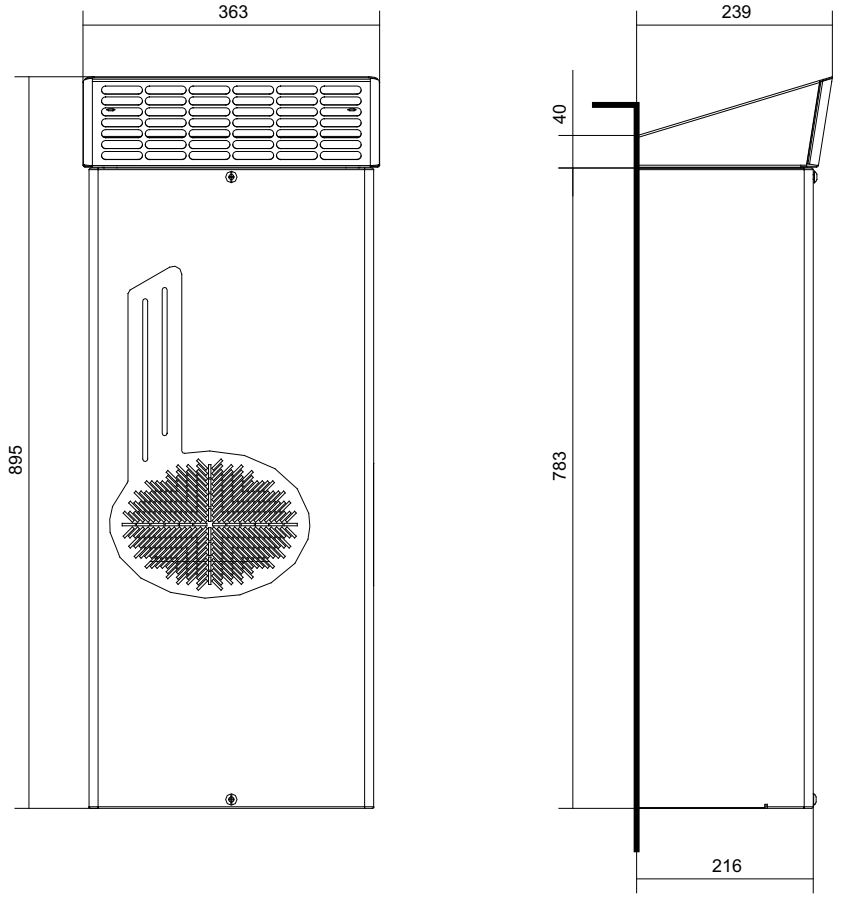
Accessories/Options	
Pack of 5 cloth air filters	AAEFP10
Pack of 1 metal air filter	AAEFM10
Stainless steel version	
Special paint on request	
48VDC evaporator fan	
Anti vandalism fixing devices	
High temperature alarm	
Pressure alarms (high and low)	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



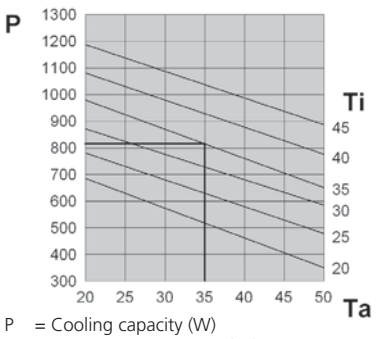
EMO08 Outdoor cooling units for door or wall mounting

Characteristics	M.U.	EMO08BM1B	EMO08CM1B	EMO08GM1B
Cooling capacity EN14511 - A35A35	W	820	820	820
Cooling capacity EN14511 - A35A50	W	680	680	680
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	363	363	363
Height	mm	895	895	895
Depth	mm	239	239+42***	239+58***
Max. current	A	2,6	5,3	1,7
Inrush current	A	10,8	21,5	6,1
Fuse T	A	6	10	6
Absorbed electric power EN14511 - A35A35	W	410	420	4200
Absorbed electric power EN14511 - A35A50	W	490	500	500
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,28	0,28	0,28
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	570	570	570
Enclosure fan air flow	m³/h	330	330	330
Internal temperature range	°C	+20/+46	+20/+46	+20/+46
Temperature setting	-	Electromechanical thermostat factory set at 35°C		
External temperature range	°C	-20/+55**	-20/+50	-20/+50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34*	IP34*	IP34*
Noise level	dB (A)	65	65	65
Weight	Kg	27	28	28
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

*IP54 protection category for the ambient side electrical connection
** 50 °C at 60 Hz
*** Depth increases due to the external mounting of the autotransformer

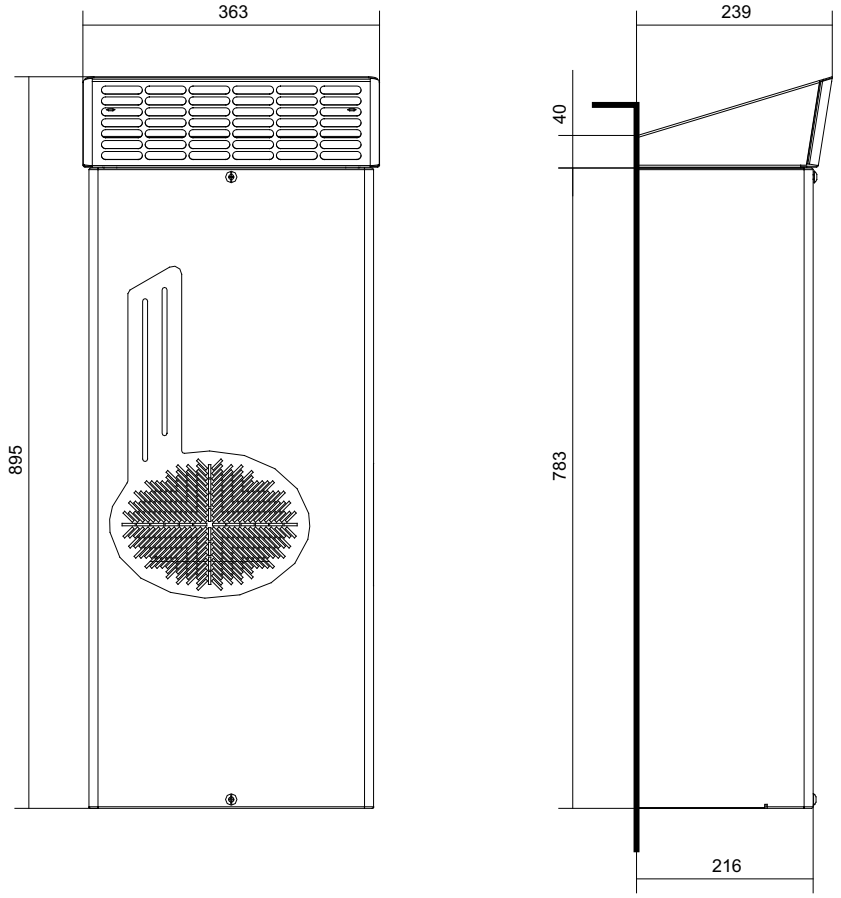
Accessories/Options	
Pack of 5 cloth air filters	AAEFP10
Pack of 1 metal air filter	AAEFM10
Stainless steel version	
Special paint on request	
48VDC evaporator fan	
Anti vandalism fixing devices	
High temperature alarm	
Pressure alarms (high and low)	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



EMO06 Outdoor cooling units for door or wall mounting

Characteristics	M.U.	EMO06BM1B	EMO06CM1B	EMO06GM1B
Cooling capacity EN14511 - A35A35	W	640	640	640
Cooling capacity EN14511 - A35A50	W	470	470	470
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	331	331	331
Height	mm	718	718	718
Depth	mm	235	235+42***	235+58***
Max. current	A	2,1	4,4	1,2
Inrush current	A	8,1	16	5
Fuse T	A	6	8	2
Absorbed electric power EN14511 - A35A35	W	380	390	390
Absorbed electric power EN14511 - A35A50	W	420	430	430
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,26	0,26	0,26
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	570	570	570
Enclosure fan air flow	m³/h	330	330	330
Internal temperature range	°C	+20/+46	+20/+46	+20/+46
Temperature setting	-	Electromechanical thermostat factory set at 35°C		
External temperature range	°C	-20/+55**	-20/+50	-20/+50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34*	IP34*	IP34*
Noise level	dB (A)	65	65	65
Weight	Kg	21	22	22
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

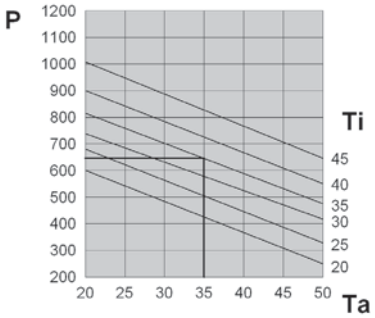
*IP54 protection category for the ambient side electrical connection

** 50 °C at 60 Hz

*** Depth increases due to the external mounting of the autotransformer

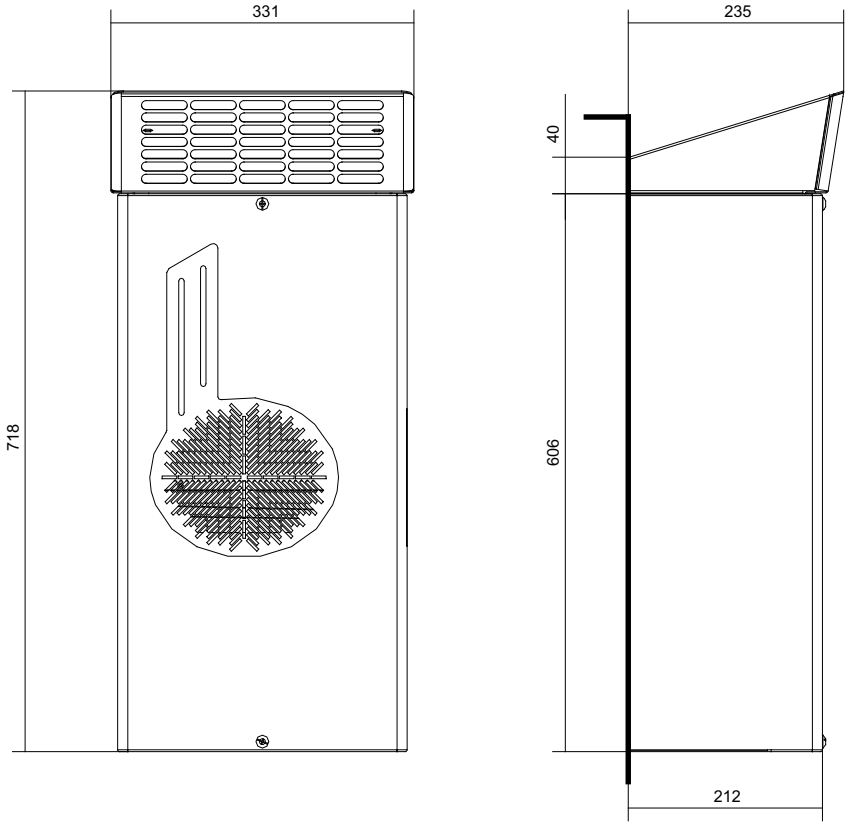
Accessories/Options	
Pack of 5 cloth air filters	AAEFP06
Pack of 1 metal air filter	AAEFM06
Stainless steel version	
Special paint on request	
48VDC evaporator fan	
Anti vandalism fixing devices	
High temperature alarm	
Pressure alarms (high and low)	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



EMO04 Outdoor cooling units for door or wall mounting

Characteristics	M.U.	EMO04BM1B	EMO04CM1B
Cooling capacity EN14511 - A35A35	W	380	380
Cooling capacity EN14511 - A35A50	W	240	240
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	300	300
Height	mm	572	572
Depth	mm	205	205+35***
Max. current	A	1,6	3,2
Inrush current	A	6	11
Fuse T	A	4	6
Absorbed electric power EN14511 - A35A35	W	230	240
Absorbed electric power EN14511 - A35A50	W	260	270
Duty cycle	-	100%	100%
Electrical connection	-	4 pole plug	4 pole plug
Refrigerant R134a	Kg	0,16	0,16
Cooling circuit max. pressure	bar	26	26
External fan air flow	m³/h	280	280
Enclosure fan air flow	m³/h	280	280
Internal temperature range	°C	+20/+46	+20/+46
Temperature setting	-	Electromechanical thermostat factory set at 35°C	
External temperature range	°C	-20/+55**	-20/+50
Protection level EN60529 - enclosure side	-	IP55	IP55
Protection level EN60529 - ambient side	-	IP34*	IP34*
Noise level	dB (A)	60	60
Weight	Kg	17	18
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

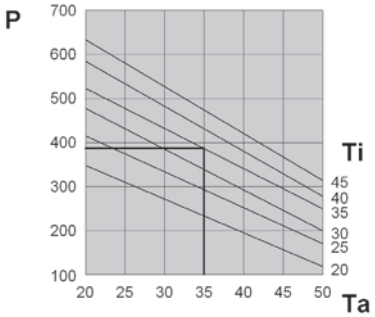
*IP54 protection category for the ambient side electrical connection

** 50 °C at 60 Hz

*** Depth increases due to the external mounting of the autotransformer

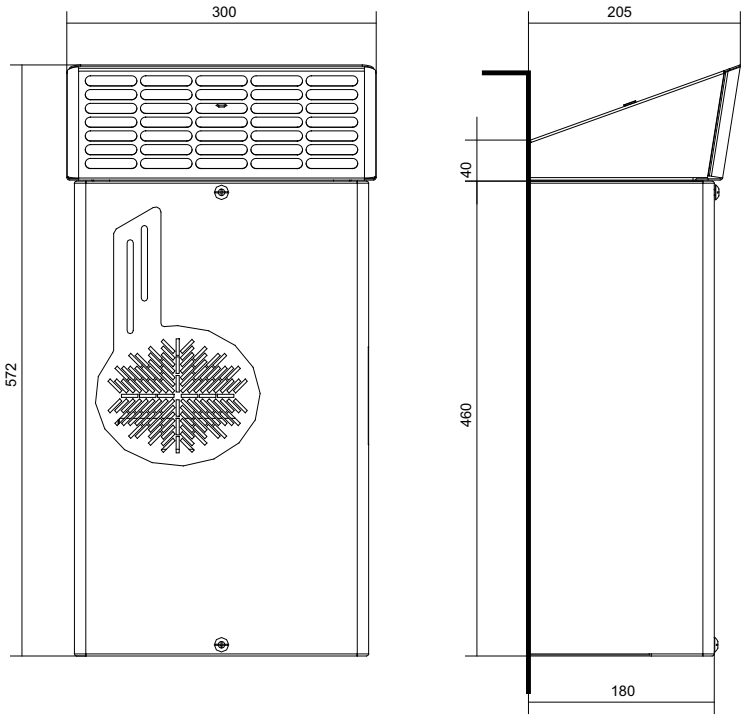
Accessories/Options	
Pack of 5 cloth air filters	AAEFP04
Pack of 1 metal air filter	AAEFM04
Stainless steel version	
Special paint on request	
48VDC evaporator fan	
Anti vandalism fixing devices	
High temperature alarm	
Pressure alarms (high and low)	

Performances



P = Cooling capacity (W)
Ta = Ambient temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions



BLU-BIT Air-water heat exchangers for vertical or roof mounting

High cooling capacities in a compact size combined with the total absence of routine maintenance. These are the main features of the BLU and BIT air-water heat exchangers that are the best air conditioning means for working in environments under extreme temperature and dust/oil contamination conditions.

A wide power range
The range of cooling capacities goes from 1000 to 15000 W for the vertical series while for the roof series we have a 2500 W model.

No routine maintenance
Thanks to the particular shape and construction of these exchangers, no routine maintenance (changing the filter or cleaning the exchanger) is required to ensure continued and trouble-free operation.

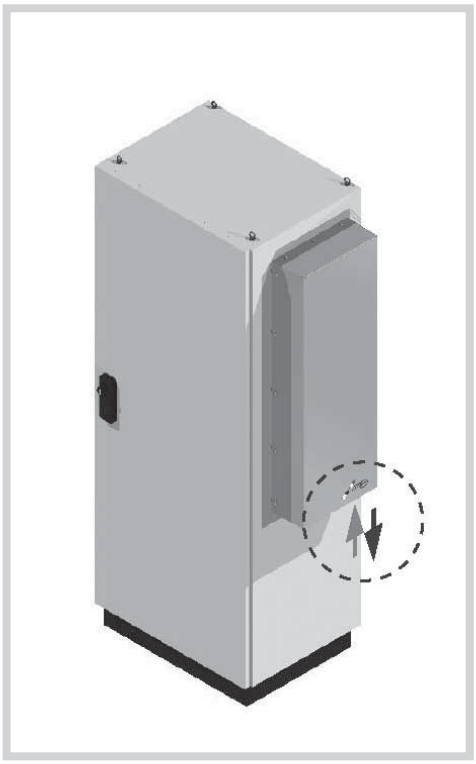
Optimum enclosure protection
The BLU/BIT exchangers, thanks to their particular design principle and the correctly applied self-adhesive seal, guarantee an IP55 protection level (EN 60529) meaning they are ideal for heavily polluted external environments.

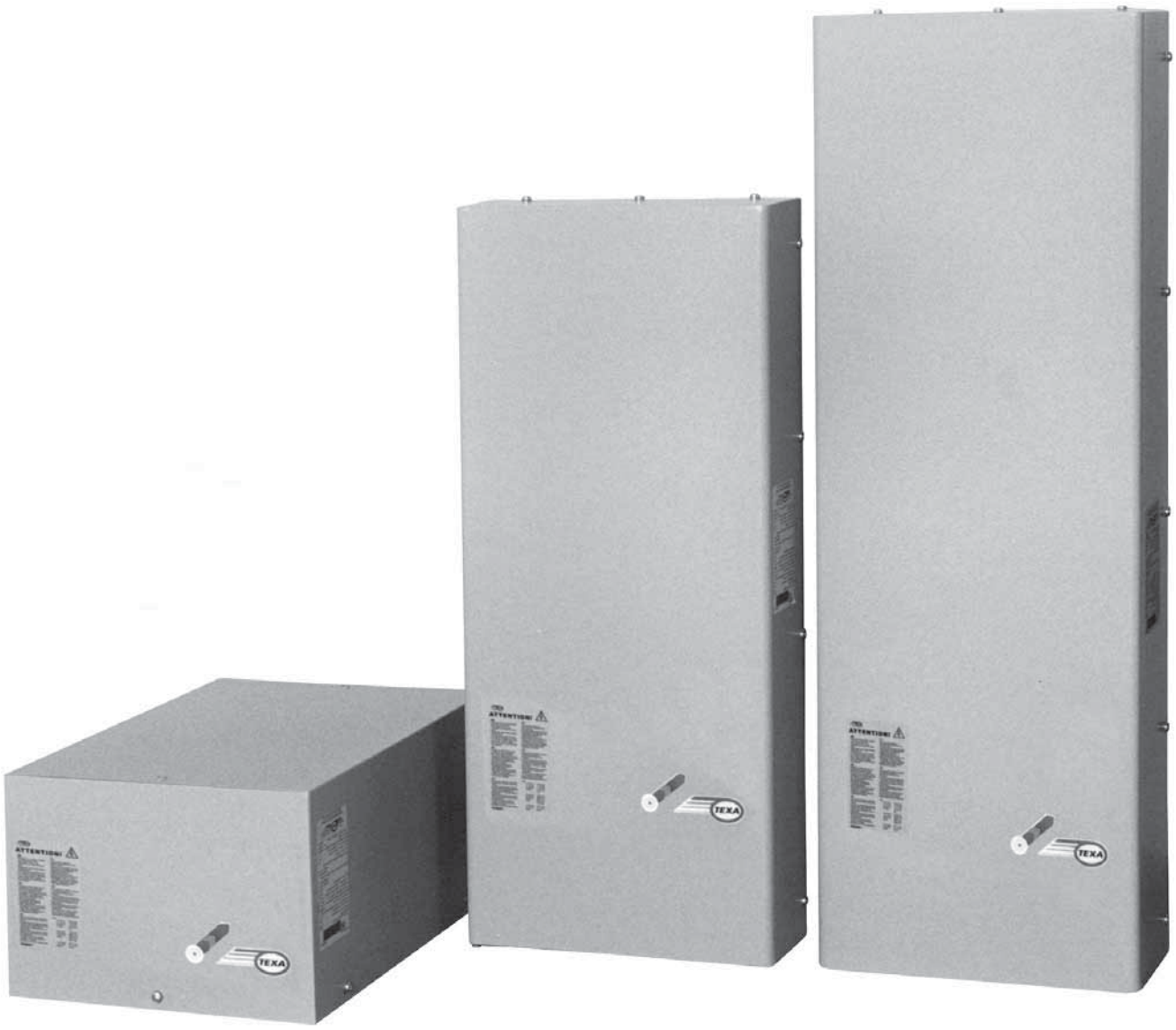
Protection of the environment
The exchangers of the BLU/BIT range use water as their cooling agent. Being a natural product there is no negative impact on the environment and, what's more, these exchangers are so quiet that they help keep the level of noise relatively low inside the rooms where they are installed.

Supply voltages
The foreseen supply voltages up to 4500 W of refrigerating capacity are 230V single-phase and 115V single-phase, both in dual-frequency 50-60 Hz.
The models designed for higher capacities have available supplies of 230V single-phase and 400/440V two-phase both in dual-frequency 50-60 Hz.

Painting
RAL 7035 orange peel effect is the standard colour. Epoxy powder paint is used. On request other colours are available as well as stainless steel versions.

Accessories
An optional thermostat and/or level indicators can be incorporated to control an ON/OFF solenoid valve to stop or let water through. Such an option optimises heat exchange in function of the temperatures wanted inside the panel, avoiding all unnecessary use of water and keeping an accurate check on condensation.





Application tips

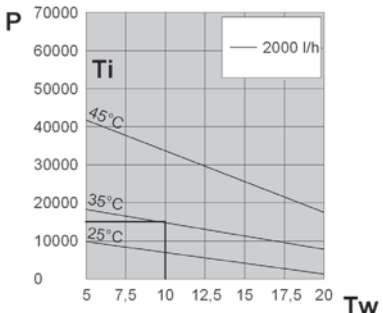
- These exchangers maximise the ratio between cooling capacity and dimensions.
- Thanks to their IP protection level, the air-water exchangers are ideal in heavily polluted environments.
- To work properly, these exchangers must be connected to the existing water mains or water chillers.
- With the BLU/BIT exchangers it is possible to cool the inside of the panel to temperatures below room temperature that can even reach 70°C.
- When choosing the exchanger, calculate a 10% margin in consideration of the most difficult conditions in which it could work.
- Seal the enclosure accurately. Gaps can lead to excessive condensation tending to lower the exchanger's protective effect in heavily polluted environments.
- Install the exchanger in the highest point of the panel to allow removal of the hottest air, enhancing heat exchange.
- If the flow air is hindered due to the layout of the electric/electronic components, the heat exchange will be undermined.
- The exchanger's supply line must be protected by either a delayed fuse or a circuit breaker rated according to the unit's technical data.

BLUA5 Air-water heat exchangers for door or wall mounting

Characteristics	M.U.	BLUA5BX0B	BLUA5GX0B
Cooling capacity - W10A35	W	15000	15000
Water flow rate	l/h	2000	2000
Power supply	V ~ Hz	230 1~ 50-60	400/440 2~ 50-60
Width	mm	797	797
Height	mm	1935	1935
Depth	mm	206	206
Max. current	A	1,9	1,1
Fuse T	A	4	2
Absorbed electric power - W10A35	W	420	440
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant	-	Water	Water
Hydraulic circuit max. pressure	bar	10	10
Water connections	-	3/4"G	3/4"G
Air flow rate	m³/h	2900	2900
Internal temperature range	°C	20-60	20-60
External temperature range	°C	1-70	1-70
Protection level EN60529	-	IP55	IP55
Noise level	dB (A)	72	70
Weight	Kg	92	92
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

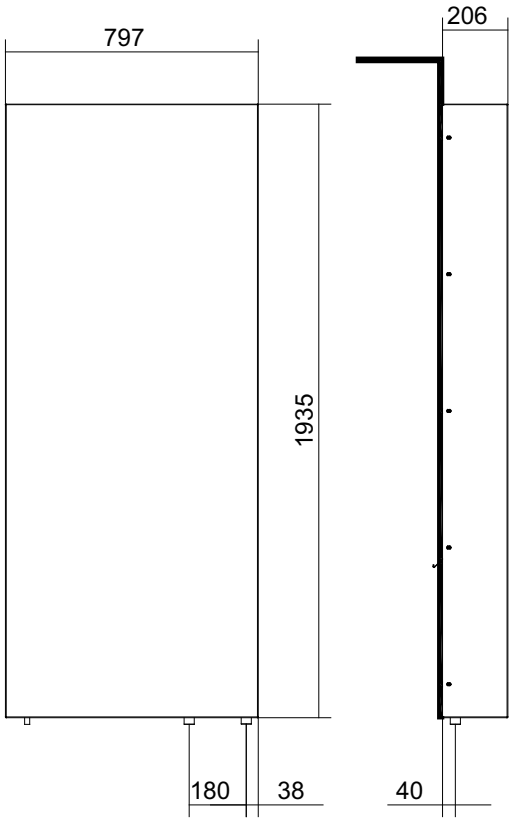
Accessories/Options	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000120
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Tw = Inlet water temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

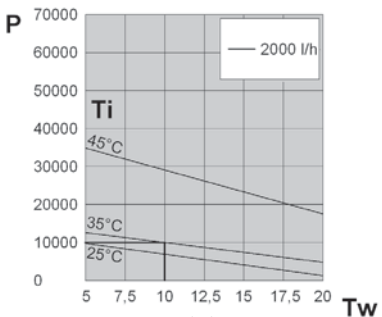


BLUA0 Air-water heat exchangers for door or wall mounting

Characteristics	M.U.	BLUA0BX0B	BLUA0GX0B
Cooling capacity - W10A35	W	10000	10000
Water flow rate	l/h	2000	2000
Power supply	V ~ Hz	230 1~ 50-60	400/440 2~ 50-60
Width	mm	797	797
Height	mm	1935	1935
Depth	mm	206	206
Max. current	A	1,9	1,1
Fuse T	A	4	2
Absorbed electric power - W10A35	W	420	440
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant	-	Water	Water
Hydraulic circuit max. pressure	bar	10	10
Water connections	-	3/4"G	3/4"G
Air flow rate	m³/h	2900	2900
Internal temperature range	°C	20-60	20-60
External temperature range	°C	1-70	1-70
Protection level EN60529	-	IP55	IP55
Noise level	dB (A)	70	70
Weight	Kg	90	90
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

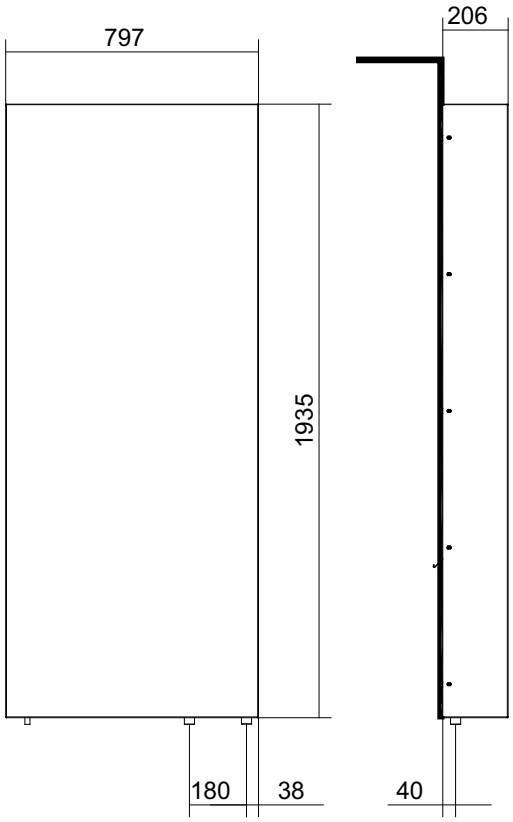
Accessories/Options	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000120
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Tw = Inlet water temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

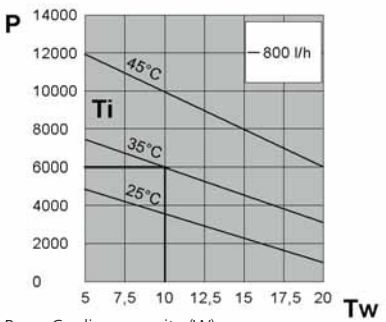


BLU60 Air-water heat exchangers for door or wall mounting

Characteristics	M.U.	BLU60BX0B	BLU60CX0B	BLU60GX0B
Cooling capacity - W10A35	W	6000	6000	6000
Water flow rate	l/h	800	800	800
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400/440 2~50-60
Width	mm	450	450	450
Height	mm	1502	1502	1502
Depth	mm	163	163	163
Max. current	A	0,71	1,5	0,4
Fuse T	A	2	4	1
Absorbed electric power - W10A35	W	160	170	170
Duty cycle	-	100%	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m	Cable L = 3 m
Refrigerant	-	Water	Water	Water
Hydraulic circuit max. pressure	bar	10	10	10
Water connections	-	1/2"G	1/2"G	1/2"G
Air flow rate	m³/h	1450	1450	1450
Internal temperature range	°C	20-60	20-60	20-60
External temperature range	°C	1-70	1-70	1-70
Protection level EN60529	-	IP55	IP55	IP55
Noise level	dB (A)	69	69	69
Weight	Kg	40	40	42
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

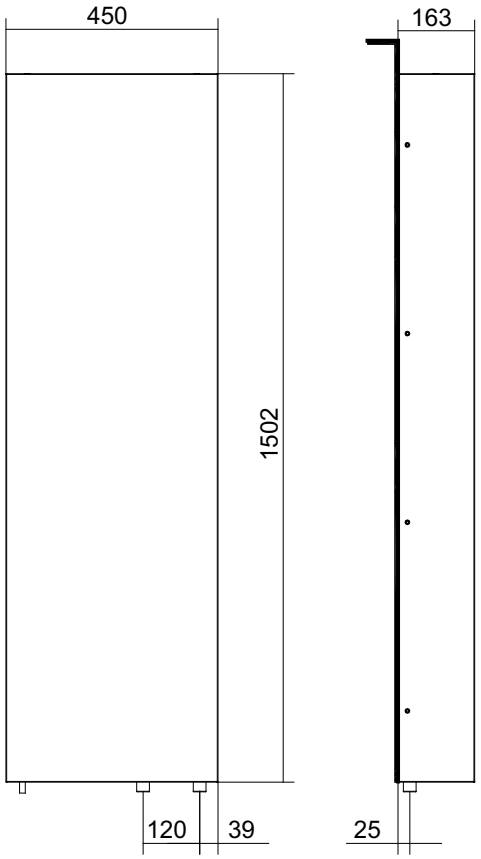
Accessories/Options	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000119
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Tw = Inlet water temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

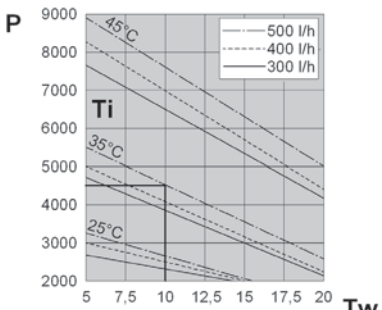


BLU45 Air-water heat exchangers for door or wall mounting

Characteristics	M.U.	BLU45BX0B	BLU45CX0B
Cooling capacity - W10A35	W	4500	4500
Water flow rate	l/h	500	500
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	398	398
Height	mm	1148	1148
Depth	mm	163	163
Max. current	A	0,71	1,5
Fuse T	A	2	4
Absorbed electric power - W10A35	W	160	170
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant	-	Water	Water
Hydraulic circuit max. pressure	bar	10	10
Water connections	-	1/2"G	1/2"G
Air flow rate	m³/h	1450	1450
Internal temperature range	°C	20-60	20-60
External temperature range	°C	1-70	1-70
Protection level EN60529	-	IP55	IP55
Noise level	dB (A)	69	69
Weight	Kg	30	30
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

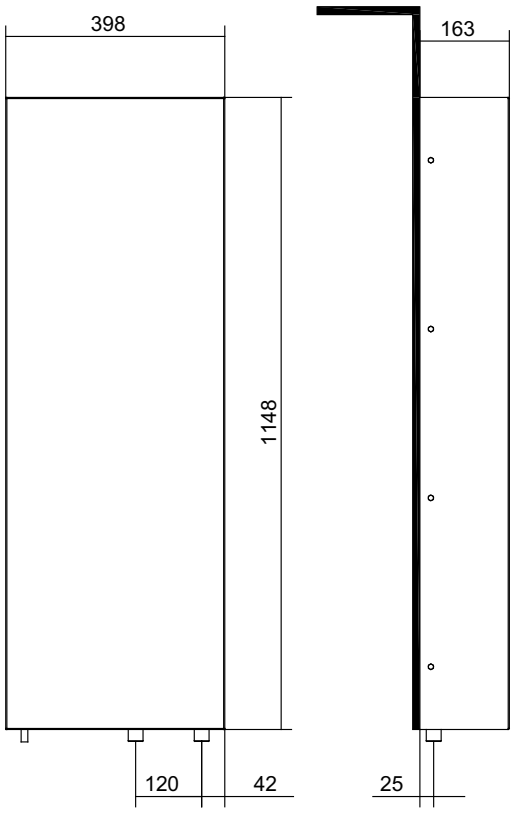
Accessories/Options	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000119
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Tw = Inlet water temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

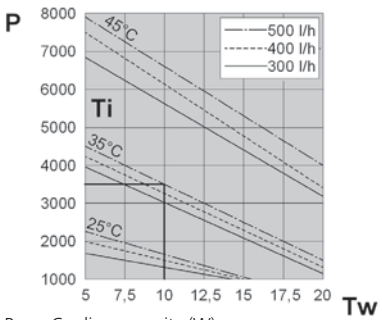


BLU35 Air-water heat exchangers for door or wall mounting

Characteristics	M.U.	BLU35BX0B	BLU35CX0B
Cooling capacity - W10A35	W	3500	3500
Water flow rate	l/h	500	500
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	398	398
Height	mm	1148	1148
Depth	mm	163	163
Max. current	A	0,55	1,12
Fuse T	A	2	2
Absorbed electric power - W10A35	W	130	135
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant	-	Water	Water
Hydraulic circuit max. pressure	bar	10	10
Water connections	-	1/2"G	1/2"G
Air flow rate	m³/h	1050	1050
Internal temperature range	°C	20-60	20-60
External temperature range	°C	1-70	1-70
Protection level EN60529	-	IP55	IP55
Noise level	dB (A)	64	64
Weight	Kg	29	29
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

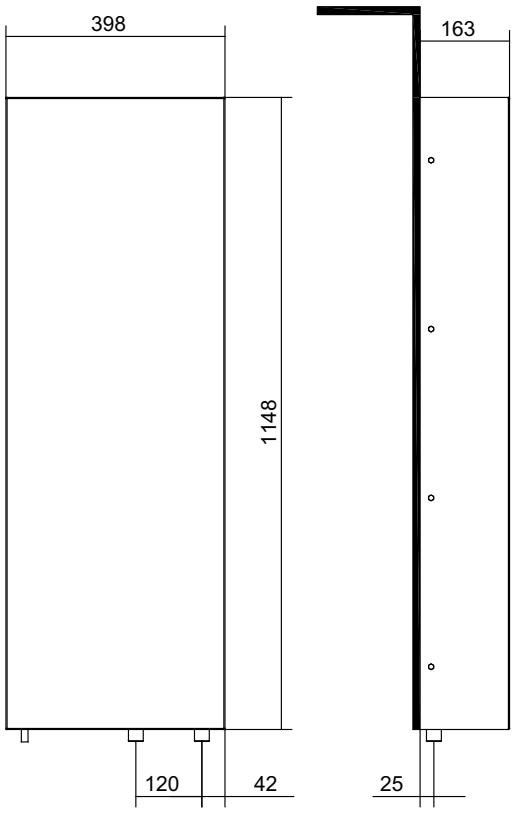
Accessories/Options	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000119
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Tw = Inlet water temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

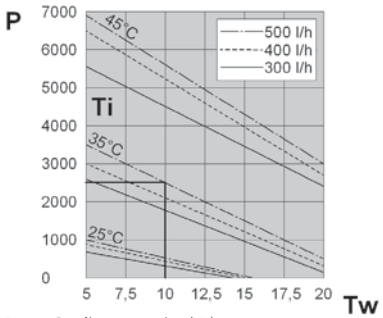


BLU25 Air-water heat exchangers for door or wall mounting

Characteristics	M.U.	BLU25BX0B	BLU25CX0B
Cooling capacity - W10A35	W	2500	2500
Water flow rate	l/h	500	500
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	398	398
Height	mm	901	901
Depth	mm	137	137
Max. current	A	0,33	0,74
Fuse T	A	2	2
Absorbed electric power - W10A35	W	80	82
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant	-	Water	Water
Hydraulic circuit max. pressure	bar	10	10
Water connections	-	1/2"G	1/2"G
Air flow rate	m³/h	860	860
Internal temperature range	°C	20-60	20-60
External temperature range	°C	1-70	1-70
Protection level EN60529	-	IP55	IP55
Noise level	dB (A)	58	58
Weight	Kg	19	19
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

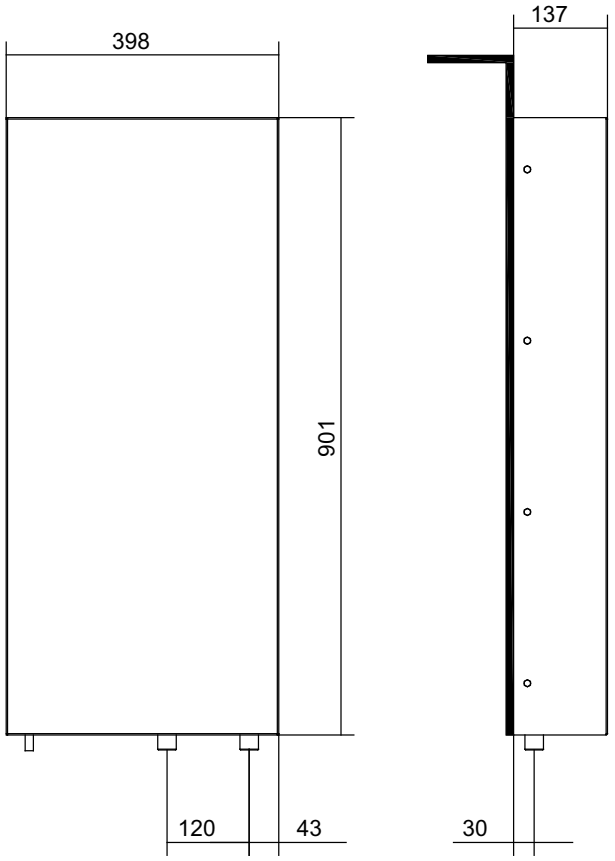
Accessories/Options	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000119
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Tw = Inlet water temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

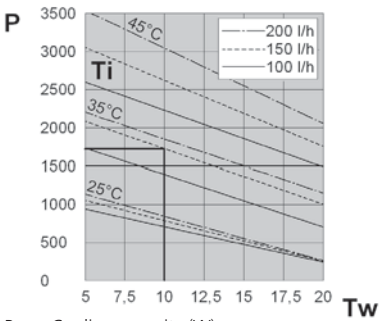


BLU18 Air-water heat exchangers for door or wall mounting

Characteristics	M.U.	BLU18BX0B	BLU18CX0B
Cooling capacity - W10A35	W	1750	1750
Water flow rate	l/h	150	150
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	398	398
Height	mm	901	901
Depth	mm	137	137
Max. current	A	0,36	0,76
Fuse T	A	2	2
Absorbed electric power - W10A35	W	75	77
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant	-	Water	Water
Hydraulic circuit max. pressure	bar	10	10
Water connections	-	1/2"G	1/2"G
Air flow rate	m³/h	570	570
Internal temperature range	°C	20-60	20-60
External temperature range	°C	1-70	1-70
Protection level EN60529	-	IP55	IP55
Noise level	dB (A)	58	58
Weight	Kg	18	18
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

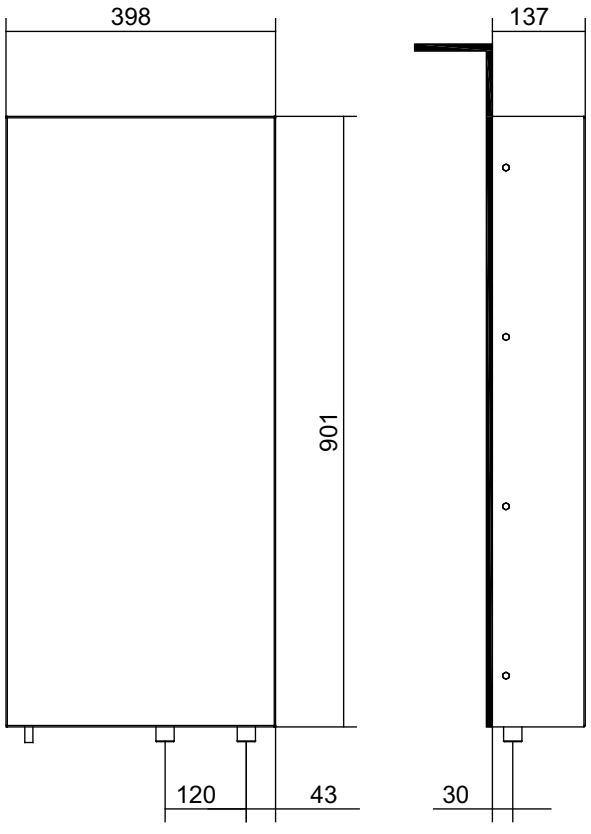
Accessories/Options	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000119
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Tw = Inlet water temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

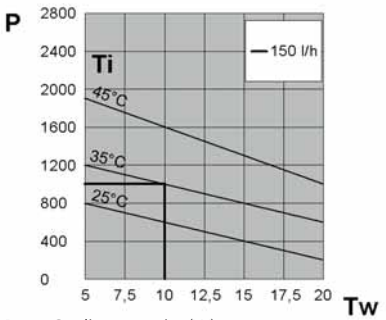


BLU10 Air-water heat exchangers for door or wall mounting

Characteristics	M.U.	BLU10BX0B	BLU10CX0B
Cooling capacity - W10A35	W	1000	1000
Water flow rate	l/h	150	150
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	311	311
Height	mm	453	453
Depth	mm	115	115
Max. current	A	0,17	0,38
Fuse T	A	2	2
Absorbed electric power - W10A35	W	29	25
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant	-	Water	Water
Hydraulic circuit max. pressure	bar	10	10
Water connections	-	3/8"G	3/8"G
Air flow rate	m³/h	330	330
Internal temperature range	°C	20-60	20-60
External temperature range	°C	1-70	1-70
Protection level EN60529	-	IP55	IP55
Noise level	dB (A)	55	55
Weight	Kg	12	12
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

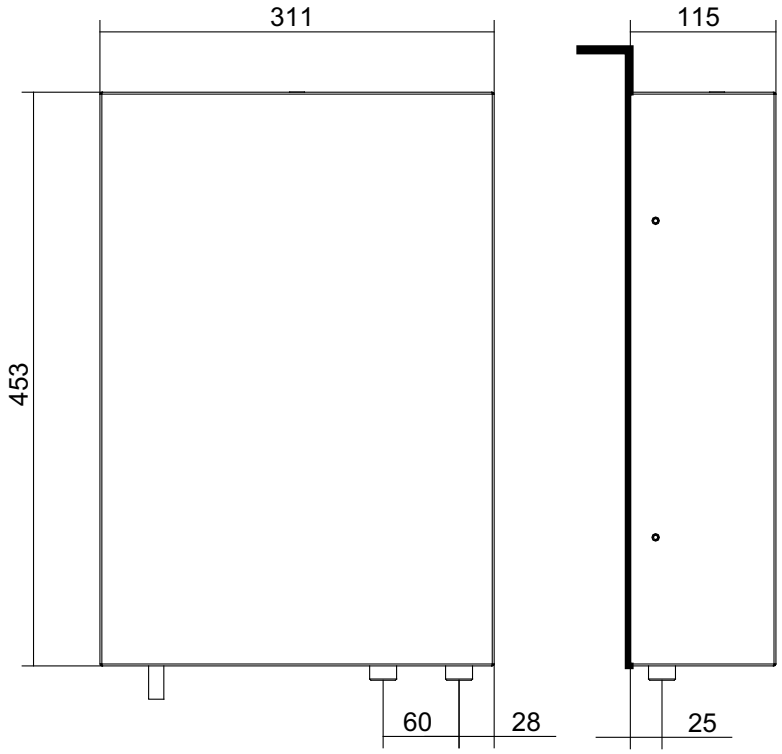
Accessories/Options	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000777
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

Performances



P = Cooling capacity (W)
Tw = Inlet water temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions

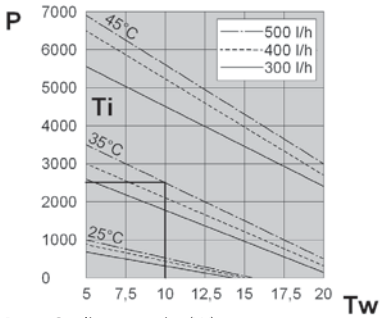


BIT25 Air-water heat exchangers for roof mounting

Characteristics	M.U.	BIT25BX0B	BIT25CX0B
Cooling capacity - W10A35	W	2500	2500
Water flow rate	l/h	500	500
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	400	400
Height	mm	270	270
Depth	mm	540	540
Max. current	A	0,30	0,62
Fuse T	A	2	2
Absorbed electric power - W10A35	W	65	67
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant	-	Water	Water
Hydraulic circuit max. pressure	bar	10	10
Water connections	-	1/2"G	1/2"G
Air flow rate	m³/h	750	750
Internal temperature range	°C	20-60	20-60
External temperature range	°C	1-70	1-70
Protection level EN60529	-	IP55	IP55
Noise level	dB (A)	58	58
Weight	Kg	19	19
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

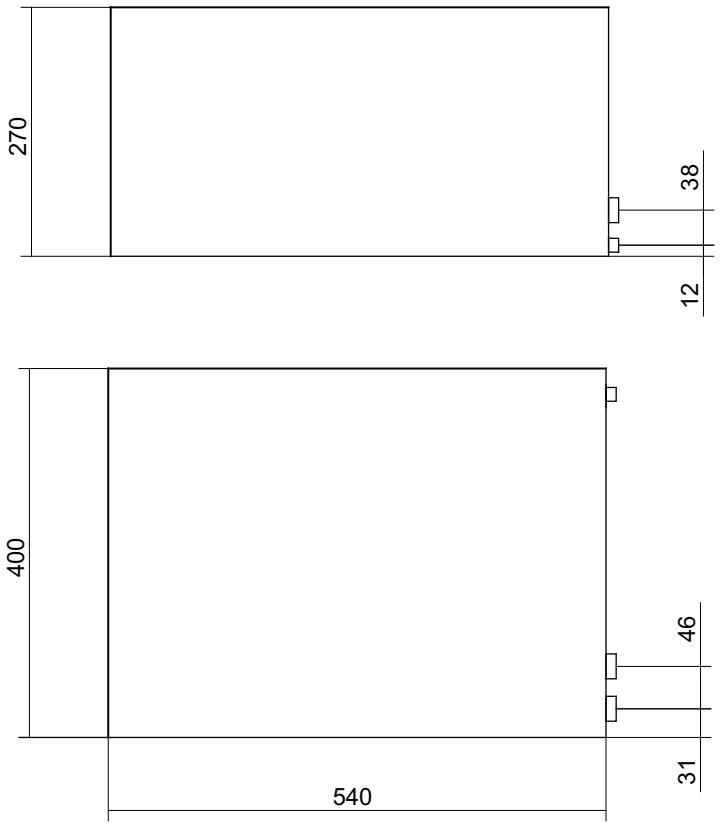
Accessories/Options	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000119
Level switch, NO	C16000140
Stainless steel version	
Special paint on request	

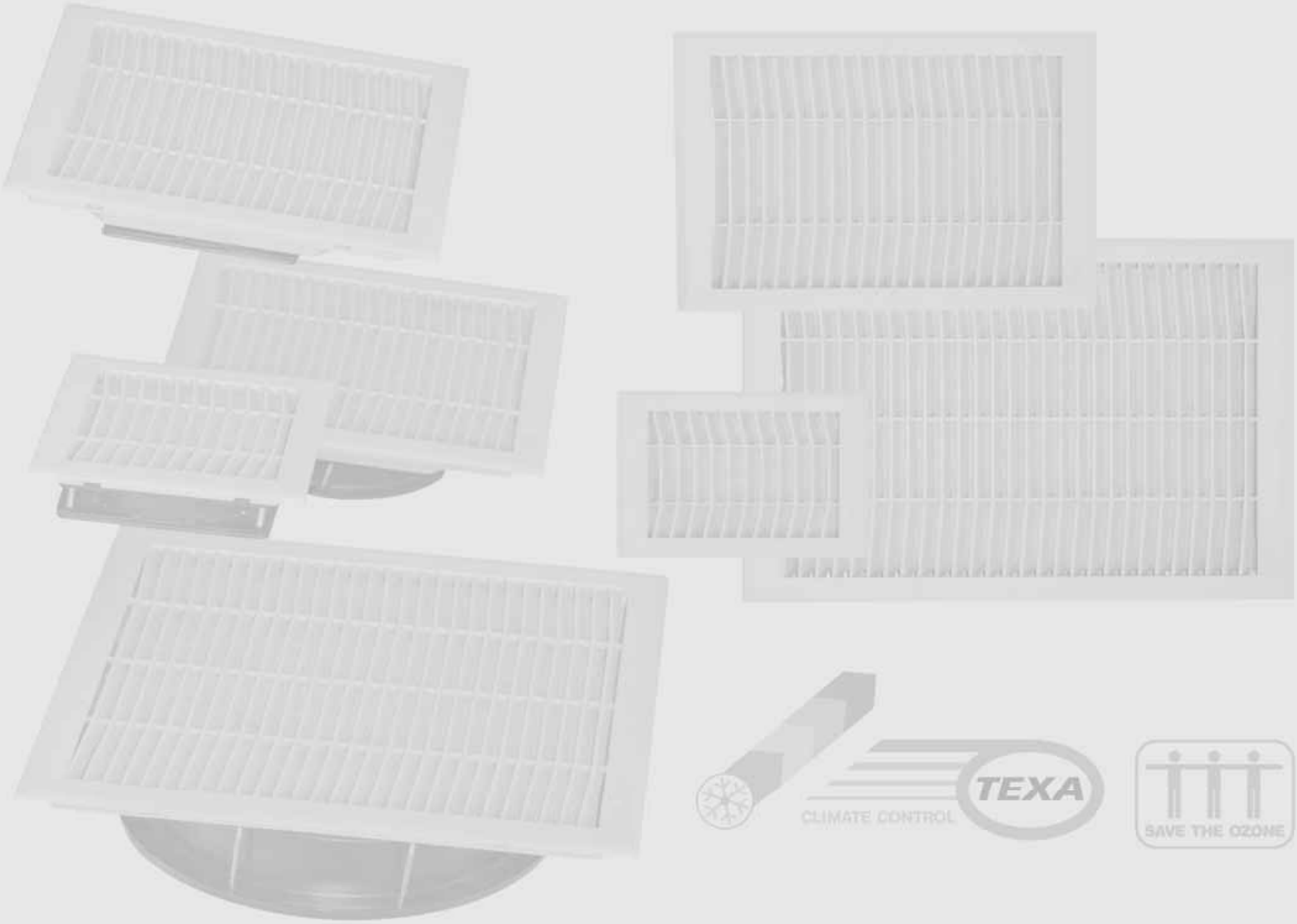
Performances



P = Cooling capacity (W)
Tw = Inlet water temperature (°C)
Ti = Inside enclosure temperature (°C)

Dimensions




TEXA
CLIMATE CONTROL
SAVE THE OZONE

MIX Air-air heat exchangers

Highly reliable, very little maintenance, extremely flexible to mount combined with an innovative design. These are the features that TEXA has to offer to meet the most demanding customers also in the air-air exchanger's field.

A wide range of specific powers
The range of specific heating capacities goes from 14 to 80 W/K covering the majority of requirements for such products.

Quick and flexible to mount
All the exchangers in the MIX line can be mounted outside or inside the panel. In fact the panel features an output at the back and one at the front for the electrical connections. The holes that have to be drilled on the panel allow quick installation using the accessory kit provided.

Reduced and quick maintenance
The MIX exchangers feature exchange coils that prevent clogging by solid contaminants in the air, maintaining exchange efficiency extremely high also under bad environmental conditions, minimising maintenance. To make maintenance even quicker the fans and coil are easy to remove.

Maximum heat disposal
The suction of air from inside the panel at the top, counter current flows and highly efficient exchange surfaces lead to a more rational version of these products which, as a result, guarantees maximum heat disposal.

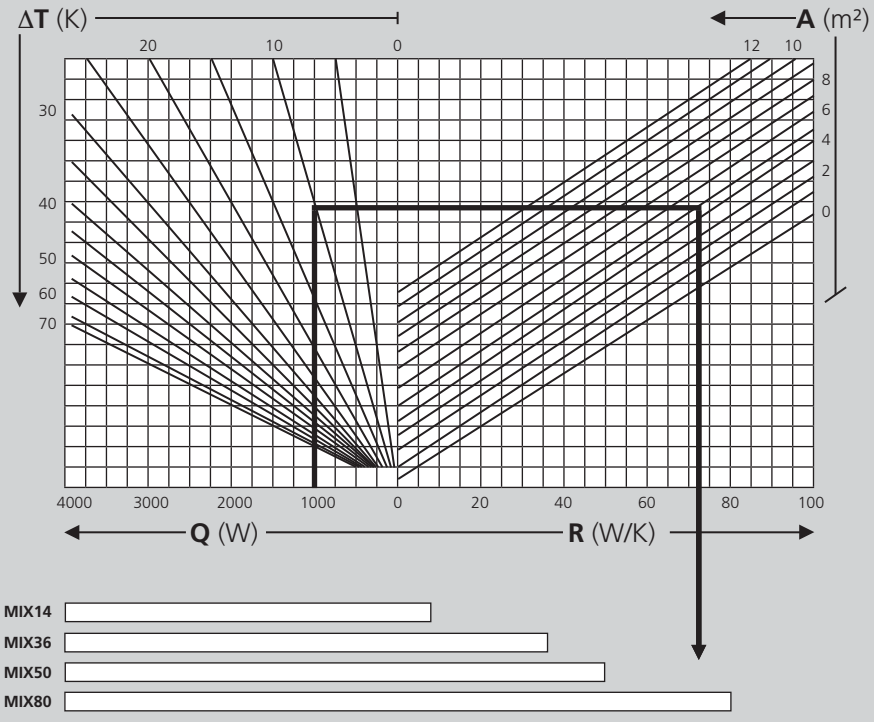
Optimum enclosure protection
Because the exchange surface is all in one block and suitable gaskets are used, the enclosure can maintain an IP54 protection level

A rational design
All the MIX line exchangers are designed to minimise running costs thanks to exchange optimisation. Suitable devices are used to protect against overloading.

Supply voltages
Single-phase voltages of 230V or single-phase 115V are the standard voltages available for all versions, both in bi-frequency 50-60 Hz. On the customer's request DC or three-phase AC versions are also available.

Painting
RAL 7035 orange peel effect is the standard colour. Epoxy powder paint is used. On request other colours are available as well as stainless steel versions.

Air-air exchanger selection diagram



Calculation of the enclosure surface

Enclosure layout

- free on all sides
- on the wall, single
- free, beginning or end of the line
- on the wall, beginning or end of the line
- free, central
- on the wall, central
- on the wall, central, top covered

Enclosure layout	Calculation of the enclosure surface A (m²)
	A = 1,8 x H x (W+D) + 1,4 x W x D
	A = 1,4 x W x (H+D) + 1,8 x D x H
	A = 1,4 x D x (H+W) + 1,8 x W x H
	A = 1,4 x H x (D+W) + 1,4 x W x D
	A = 1,8 x W x H + 1,4 x W x D + D x H
	A = 1,4 x W x (H+D) + D x H
	A = 1,4 x W x H + 0,7 x W x D + D x H

Dimensions (**m**) **W** = width **H** = height **D** = depth

Q = Heating power to be dissipated
R = Specific heating output
ΔT = Temperature difference
A = Enclosure surface

Example:
Power to be dissipated 1000 W
Temperature difference 10 K
Enclosure surface 5 m²

Unit chosen **MIX80**

Application tips

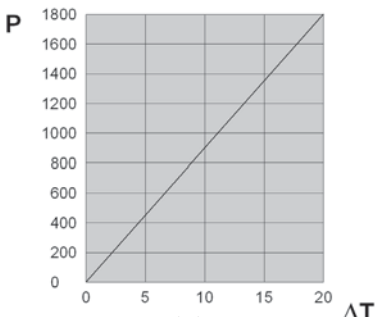
- If external temperatures are much lower than the internal temperature wanted for the enclosure, we suggest using the air-air exchangers of the MIX series especially if there are contaminants in the air outside the panel such as emulsions, dust or chemical substances that must not, under any circumstances, get inside the enclosure.
- When choosing the exchanger maintain a safety margin of a least 10% considering the worst conditions under which it will work.
- Seal the enclosure accurately because if there are cracks or openings they will reduce the protection level offered by the exchanger.
- Always install the exchanger in the highest possible point so that the air can be taken out from the top of the enclosure where a very high temperature is reached. This solution is fundamental to achieve the maximum yield of the exchanger.
- When installing the components inside the enclosure try to facilitate the flow of air at all times, not obstructing the areas where air enters or goes out. Furthermore, if the components have their own internal ventilation system their flow of air should be aimed so it does not interfere with the cooling unit's flow of air.
- The standard exchanger version does not have a temperature controlling device for inside the panel. If your equipment has to work within a well-defined temperature range or if you just want to save energy, opt for the version featuring the adjustable thermostat.

MIX80 Air-air heat exchangers

Characteristics	M.U.	MIX80BX0B	MIX80CX0B
Specific cooling power	W/K	80	80
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	317	317
Height	mm	1260	1260
Depth	mm	108	108
Max. current	A	1,06	2,1
Fuse T	A	2	4
Absorbed electric power	W	240	255
Duty cycle	-	100%	100%
External fan air flow	m³/h	1050	1050
Enclosure fan air flow	m³/h	1050	1050
Temperature limits	°C	-5 +55	-5 +55
Protection level EN60529 - enclosure side	-	IP54	IP54
Noise level	dB (A)	75	75
Weight	Kg	17	17
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

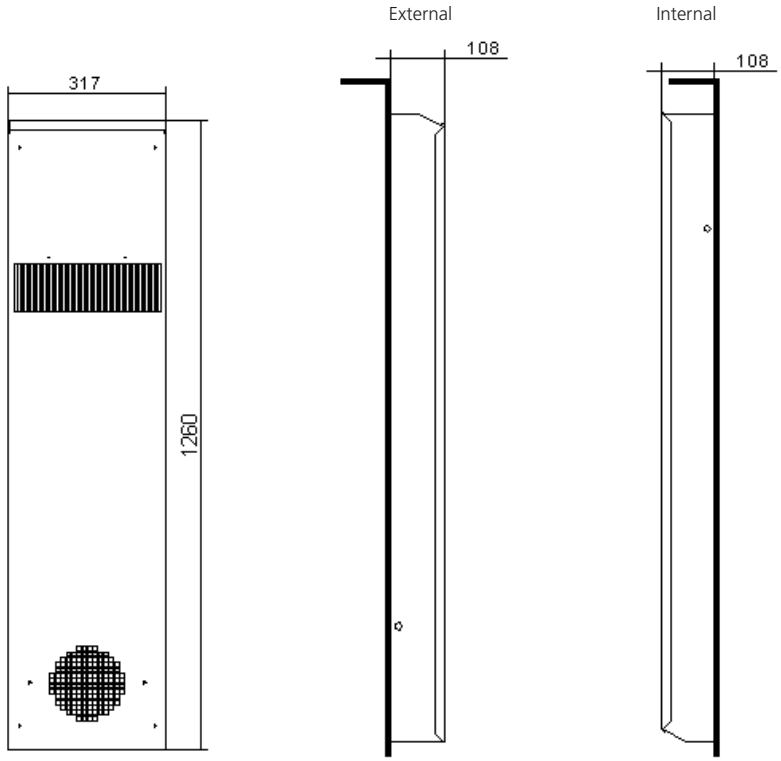
Accessories/Options	
0-60°C thermostat, NO 10A	AAFTO12
5-60°C thermostat, change-over contact 10A	AAWTS10
Stainless steel version	
Special paint on request	

Performances



P = Cooling power (W)
ΔT = Differential temperature (Tin-Tex) (K)

Dimensions

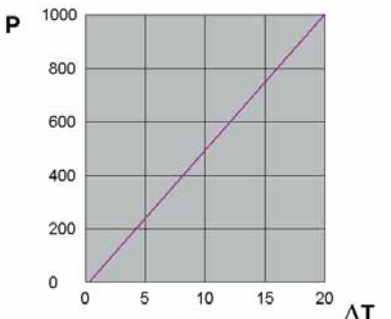


MIX50 Air-air heat exchangers

Characteristics	M.U.	MIX50BX0B	MIX50CX0B
Specific cooling power	W/K	50	50
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	316	316
Height	mm	771	771
Depth	mm	93	93
Max. current	A	0,64	1,12
Fuse T	A	1	2
Absorbed electric power	W	140	150
Duty cycle	-	100%	100%
External fan air flow	m³/h	600	600
Enclosure fan air flow	m³/h	600	600
Temperature limits	°C	-5 +55	-5 +55
Protection level EN60529 - enclosure side	-	IP54	IP54
Noise level	dB (A)	67	67
Weight	Kg	10	10
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

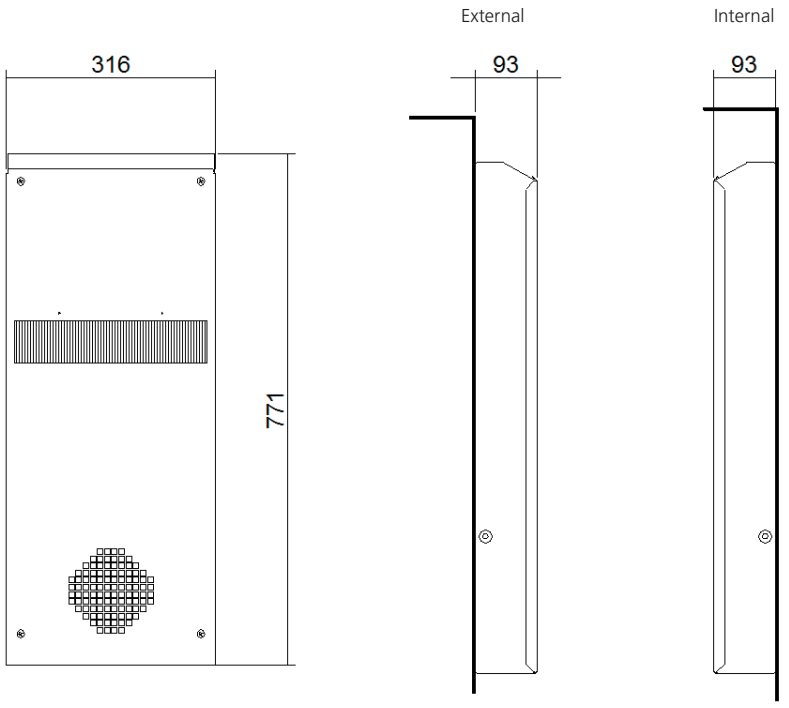
Accessories/Options	
0-60°C thermostat, NO 10A	AAFTO12
5-60°C thermostat, change-over contact 10A	AAWTS10
Stainless steel version	
Special paint on request	

Performances



P = Cooling power (W)
ΔT = Differential temperature (Tin-Tex) (K)

Dimensions

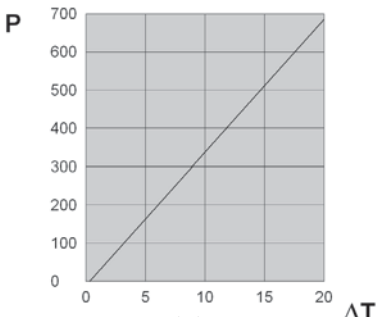


MIX36 Air-air heat exchangers

Characteristics	M.U.	MIX36BX0B	MIX36CX0B
Specific cooling power	W/K	36	36
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	316	316
Height	mm	771	771
Depth	mm	93	93
Max. current	A	0,64	1,12
Fuse T	A	1	2
Absorbed electric power	W	140	150
Duty cycle	-	100%	100%
External fan air flow	m³/h	570	570
Enclosure fan air flow	m³/h	570	570
Temperature limits	°C	-5 +55	-5 +55
Protection level EN60529 - enclosure side	-	IP54	IP54
Noise level	dB (A)	67	67
Weight	Kg	10	10
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

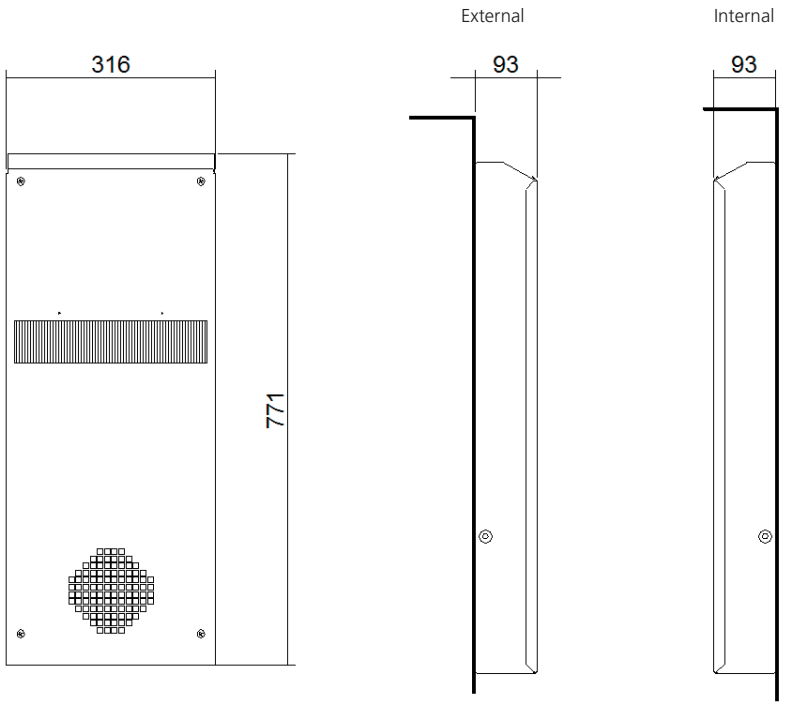
Accessories/Options	
0-60°C thermostat, NO 10A	AAFTO12
5-60°C thermostat, change-over contact 10A	AAWTS10
Stainless steel version	
Special paint on request	

Performances



P = Cooling power (W)
ΔT = Differential temperature (Tin-Tex) (K)

Dimensions

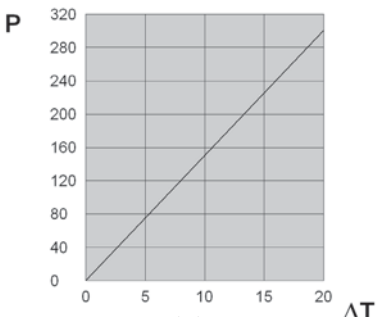


MIX14 Air-air heat exchangers

Characteristics	M.U.	MIX14BX0B	MIX14CX0B
Specific cooling power	W/K	14	14
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	188	188
Height	mm	363	363
Depth	mm	165	165
Max. current	A	0,5	0,96
Fuse T	A	1	2
Absorbed electric power	W	72	80
Duty cycle	-	100%	100%
External fan air flow	m³/h	280	280
Enclosure fan air flow	m³/h	280	280
Temperature limits	°C	-5 +55	-5 +55
Protection level EN60529 - enclosure side	-	IP54	IP54
Noise level	dB (A)	59	60
Weight	Kg	7	7
Conformity	-	CE	CE
Colour	-	RAL 7035 orange peel effect	

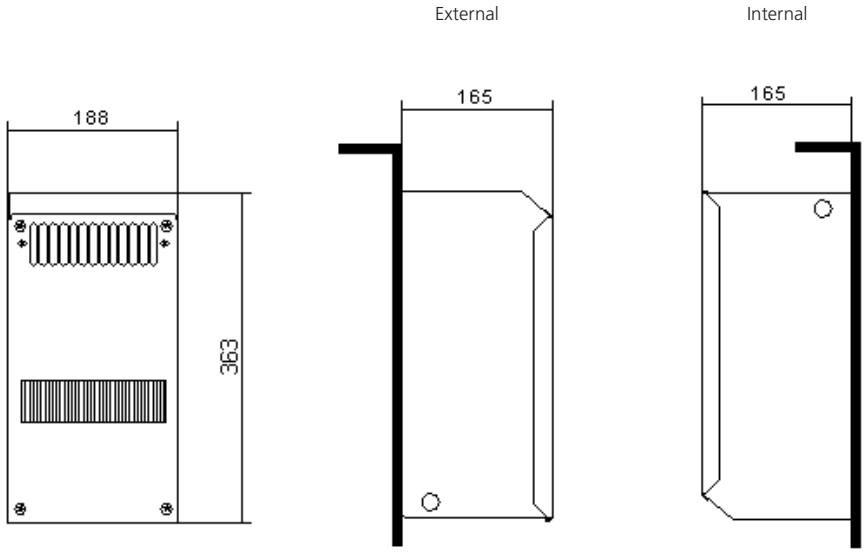
Accessories/Options	
0-60°C thermostat, NO 10A	AAFTO12
5-60°C thermostat, change-over contact 10A	AAWTS10
Stainless steel version	
Special paint on request	

Performances



P = Cooling power (W)
ΔT = Differential temperature (Tin-Tex) (K)

Dimensions



FAN Ventilating units with filter

High performance and quick assembly are the two main objectives that have been the guidelines for planning and developing the FAN ventilating units, TEXA's response to the requirements of the most demanding installers.

A wide range of flow rates
The range of air flow rate goes from 36 to 920 m³/h. The standard direction of the air flow is from the outside to the inside of the enclosure for all ventilating units. If needed the user can easily reverse the direction by simply removing and remounting the fan in the opposite way.

Very small on the outside
It only projects 5 mm from the enclosure, hence eliminating functional problems during transportation and when using the enclosure, typical of the bigger and more cumbersome traditional units.

Pleasant design
Thanks to the pleasant design of the grille and the minimal external projection, a positive aesthetic impact is guaranteed that integrates and enhances enclosure appearance. Both the grille and fan supporting system are made in shockproof ABS which has great mechanical strength and is self-extinguishing, conforming to the UL94 V0 standard. The standard colour is RAL 7035. On request and for substantial quantities colours other than standard are available.

Quick installation
Installation is very quick thanks to the simplicity of the square cut to be made on the enclosure panel and to the click-in fixing system for which no securing screws are needed. The click-in fixing system can be used on panels that are between 1.2 mm and 2.4 mm thick which is really in almost all cases. For different thickness, fixing can still be done using the screw kit that is included in each pack for this purpose.

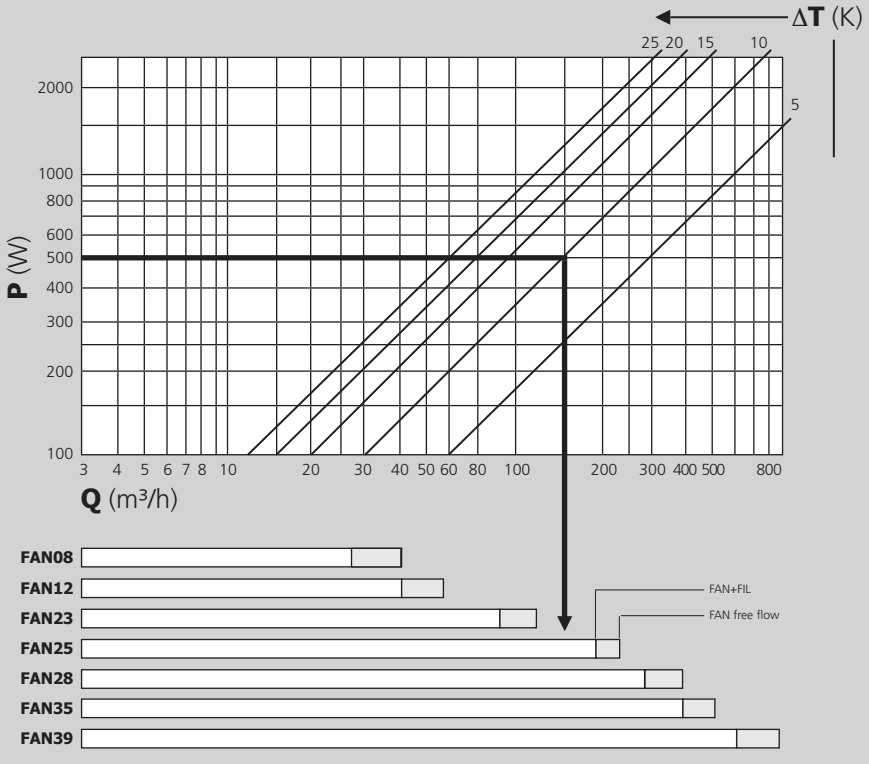
Highly reliable
The fans used all have the motor pin on a bearing. These fans, ensuring a high volumetric efficiency and quality, have an expected life of 30.000 working hours at an ambient temperature of 55°C. They are all designed to ensure a quick and safe electrical connection.

Optimum enclosure protection
The special configuration of the bottom of the watertight grille, the self-adhesive seal for coupling to the enclosure and the EU4 filter, ensure the FAN units and IP54 protection level. IP55 protection level is obtainable with an accessory on request.

Supply voltage
The FAN ventilating units are available for the main AC supply voltages: 230V single-phase, 115V single-phase and 400V three-phase, all bifrequency 50-60 Hz. In addition to this, 24V and 48V DC powered units are available up to 230 m³/h. On request and for substantial quantities, they can also be available with other voltages not given in the catalogue.

Filter unit
The FAN units are used together with the FIL filtering grilles to expel air from the panel. Available in three different sizes and made like the outside of the Fans, they keep the hot air away from the enclosure thus maintaining its protection level.

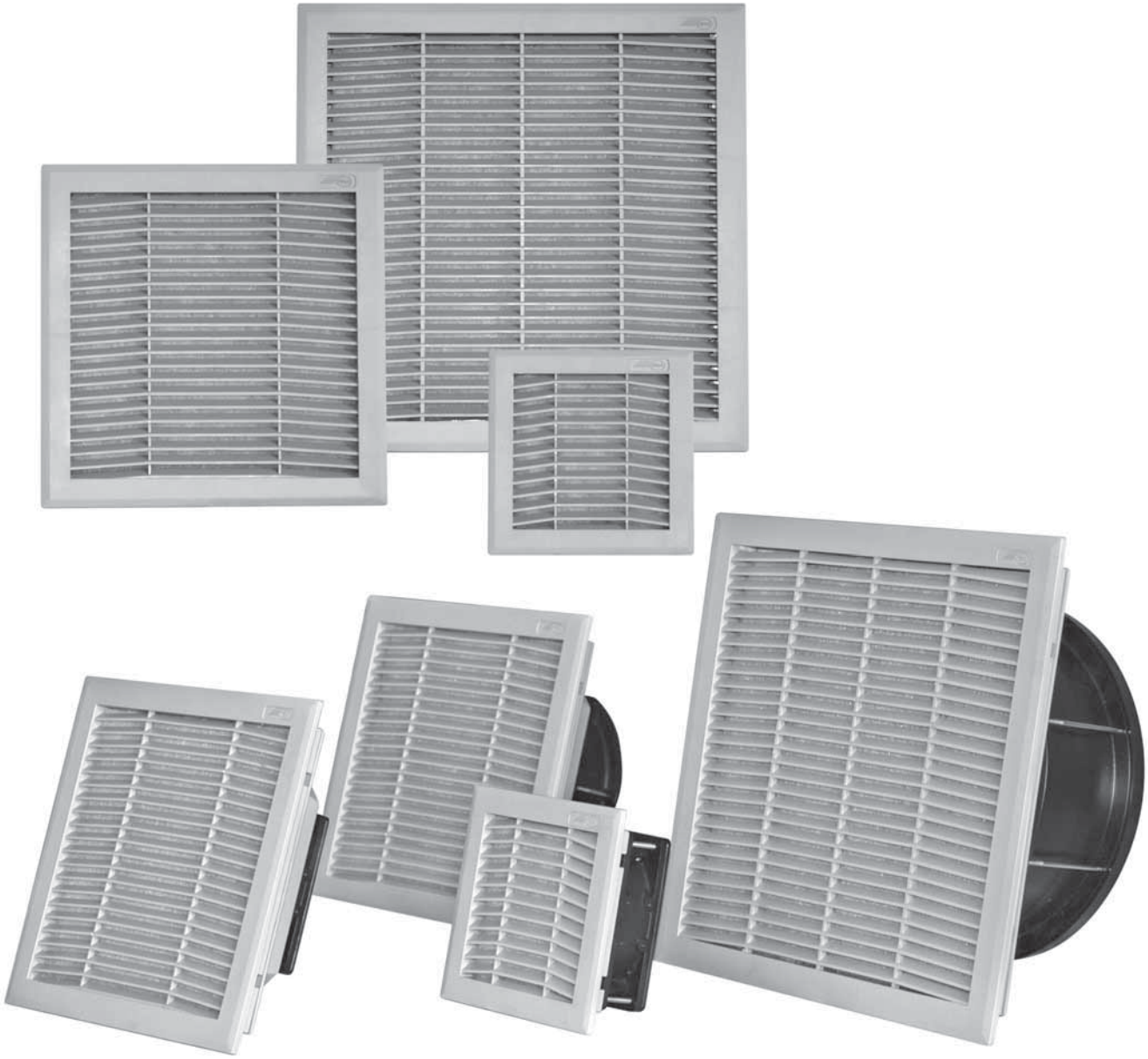
Ventilating units with filter diagram selection



The air flow shown in the graph refer to standard filters.

Q = Air flow rate
P = Power dissipates in the enclosure
ΔT = Temperature difference

Example:
Dissipated power 500 W
Temperature difference 10 K
Necessary air flow rate 160 m³/h
} Unit chosen **FAN25**



Application tips

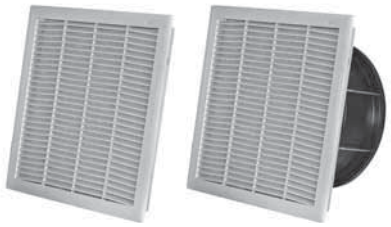
- When choosing the FAN unit maintain a safety margin of at least 10% to compensate for any decrease in the rate of flow due to dirtying of the cloth filter.
- If possible it is preferable to use the units where the flow of air goes from the outside to the enclosure. The slight pressure of the panel that ensues prevents dust from getting through any openings.
- If you are using the high filtering capacity cloth filter remember that the air flow rate will be less.
- DC powered FAN units could be the best way to prevent interference with monitors and other sensitive equipment inside the enclosure.
- The Fan unit can be switched on by a thermostat that will power it only when the temperature exceeds a set threshold (e.g. 35°C). In this way, the fan works only when cooling is needed which saves energy, lengthens the life of the cloth filter and maintenance is less.

FAN39 Ventilating units with filter

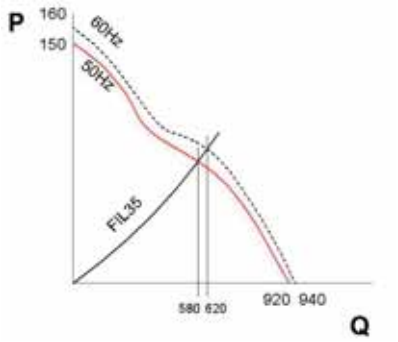
Characteristics	M.U.	FIL35XN0B	FAN39BN0B	FAN39CN0B
Air flow rate	m³/h	-	920/940	920/940
Power supply	V ~ Hz	-	230 1~ 50-60	115 1~ 50-60
Dimensions HxWxD	mm	325x325x28	325x325x118	325x325x118
Absorbed electric power	W	-	110/145	115/155
Max. current	A	-	0,49/0,62	1/1,30
Protezione sovracorrenti	-	-	Inside motor	Inside motor
Over current protection	-	-	Terminal board	Terminal board
Duty cycle	-	-	100%	100%
Temperature limits	°C	-30 +75	-10 +50	-10 +50
Protection level EN60529	-	IP54	IP54	IP54
Noise level	dB (A)	-	65/68	65/68
FAN + FIL air flow rate	m³/h	-	1xFIL35XN0B: 580/620	1xFIL35XN0B: 580/620
Direction of the air flox	-	-	Outside towards the inside Reversible	Outside towards the inside Reversible
Filter (Eurovent)	-	EU4	EU4	EU4
Motor support	-	-	Bearings	Bearings
Conformity	-	CE	CE	CE
Service Life L_{10}	h	-	50000	50000
Colour	--	RAL 7035 orange peel effect		

Accessories/Options	
Pack of 10 cloth filters for FAN35	AAFFN35
Pack of 10 cloth filters for FAN35 high filtering capacity	AAFFH35
0-60°C thermostat, NO 10A	AAFTO12
5-60°C thermostat, change-over contact 10A	AAWTS10
Casing for IP55 protection	C12001230

REMARK: the drilling template are merely indicative.
Always put in touch with our technical-sales department for further explanation you should need.

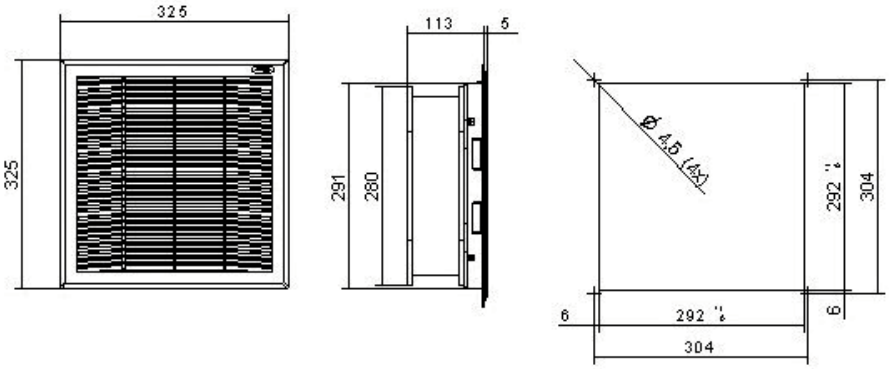


Performances

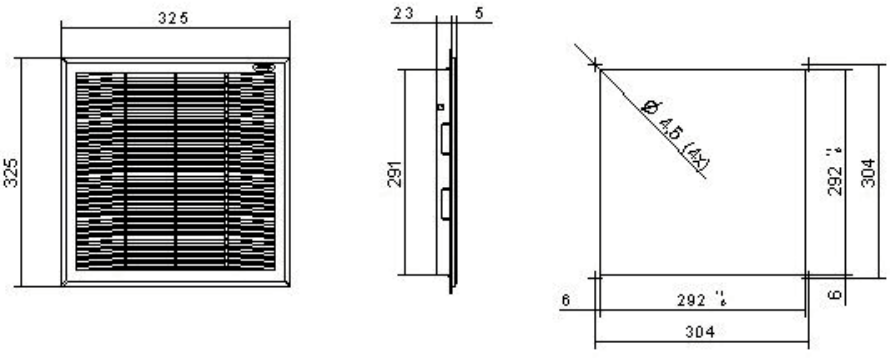


P = Static pressure (Pa)
Q = Air flow rate (m³/h)

FAN39



FIL35



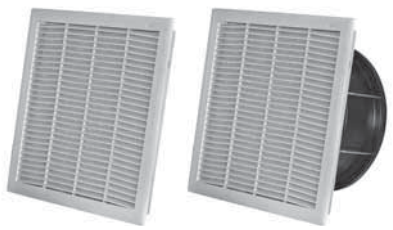
Dimensions **Drilling template**

FAN35 Ventilating units with filter

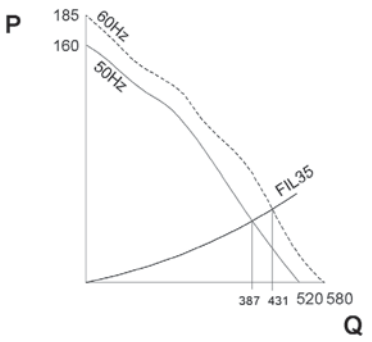
Characteristics	M.U.	FIL35XN0B	FAN35BN0B	FAN35CN0B	FAN35LN0B
Air flow rate	m³/h	-	520/580	520/580	520/580
Power supply	V ~ Hz	-	230 1~ 50-60	115 1~ 50-60	400 3~ 50-60
Dimensions HxWxD	mm	325x325x28	325x325x153	325x325x153	325x325x153
Absorbed electric power	W	-	67/90	50/64	65/95
Max. current	A	-	0,3/0,36	0,54/0,65	0,13/0,15
Over current protection	-	-	Inside motor	Inside motor	Inside motor
Electrical connection	-	-	Faston	Faston	Terminal board
Duty cycle	-	-	100%	100%	100%
Temperature limits	°C	-30 +75	-10 +50	-10 +50	-10 +50
Protection level EN60529	-	IP54	IP54	IP54	IP54
Noise level	dB (A)	-	61/63	61/63	61/63
FAN + FIL capacity	m³/h	-	1xFIL35XN0B: 387/431	1xFIL35XN0B: 387/431	1xFIL35XN0B: 387/431
Direction of the air flow	-	-	Outside towards the inside Reversible	Outside towards the inside Reversible	Outside towards the inside Reversible
Filter (Eurovent)	-	EU4	EU4	EU4	EU4
Motor support	-	-	Bearings	Bearings	Bearings
Conformity	-	CE	CE	CE	CE
Service Life L_{10}	h	-	45000	45000	45000
Colour		RAL 7035 orange peel effect			

Accessories/Options	
Pack of 10 cloth filters for FAN35	AAFFN35
Pack of 10 cloth filters for FAN35 high filtering capacity	AAFFH35
0-60°C thermostat, NO 10A	AAFTO12
5-60°C thermostat, change-over contact 10A	AAWTS10
Casing for IP55 protection	C12001230

REMARK : The drilling templates are merely indicative.
Always put in touch with our technical-sales department for further explanation you should need.

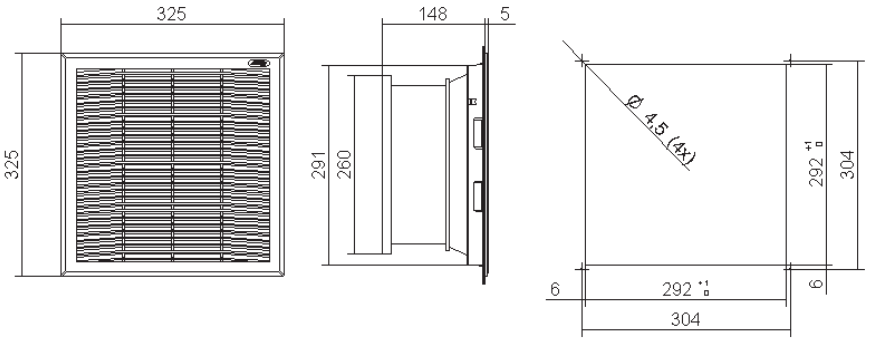


Performances

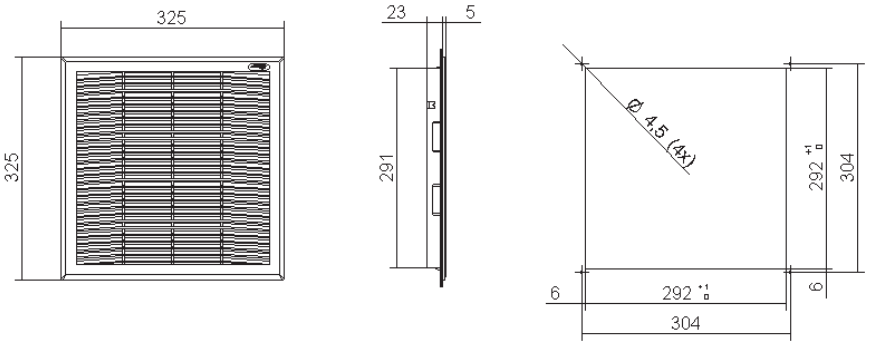


P = Static pressure (Pa)
Q = Air flow rate (m³/h)

FAN35



FIL35



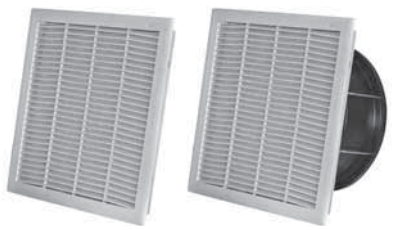
Dimensions **Drilling templates**

FAN28 Ventilating units with filter

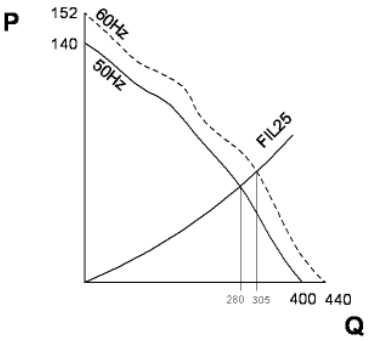
Characteristics	M.U.	FIL25XN0B	FAN28BN0B	FAN28CN0B	FAN28LN0B
Air flow rate	m³/h	-	400/440	400/440	400/440
Power supply	V ~ Hz	-	230 1~ 50-60	115 1~ 50-60	400 3~ 50-60
Dimensions HxWxD	mm	250x250x26	250x250x98	250x250x98	250x250x98
Absorbed electric power	W	-	67/90	50/64	65/95
Max. current	A	-	0,3/0,36	0,54/0,65	0,13/0,15
Over current protection	-	-	Inside motor	Inside motor	Inside motor
Electrical connection	-	-	Faston	Faston	Terminal board
Duty cycle	-	-	100%	100%	100%
Temperature limits	°C	-30 +75	-10 +50	-10 +50	-10 +50
Protection level EN60529	-	IP54	IP54	IP54	IP54
Noise level	dB (A)	-	61/63	61/63	61/63
FAN + FIL capacity	m³/h	-	1xFIL25XN0B: 280/305 2xFIL25XN0B: 297/318 1xFIL35XN0B: 308/332		
Direction of the air flow	-	-	Outside towards the inside Reversible	Outside towards the inside Reversible	Outside towards the inside Reversible
Filter (Eurovent)	-	EU4	EU4	EU4	EU4
Motor support	-	-	Bearings	Bearings	Bearings
Conformity	-	CE	CE	CE	CE
Service Life L_{10}	h	-	45000	45000	45000
Colour	-	RAL 7035 orange peel effect			

Accessories/Options	
Pack of 10 cloth filters for FAN23-25	AAFFN25
Pack of 10 cloth filters for FAN23-25 high filtering capacity	AAFFH25
Pack of 10 cloth filters for FAN35	AAFFN35
Pack of 10 cloth filters for FAN35 high filtering capacity	AAFFH35
0-60°C thermostat, NO 10A	AAFTO12
5-60°C thermostat, change-over contact 10A	AAWTS10
Casing for IP55 protection	C12001229

REMARK : The drilling templates are merely indicative.
Always put in touch with our technical-sales department for further explanation you should need.

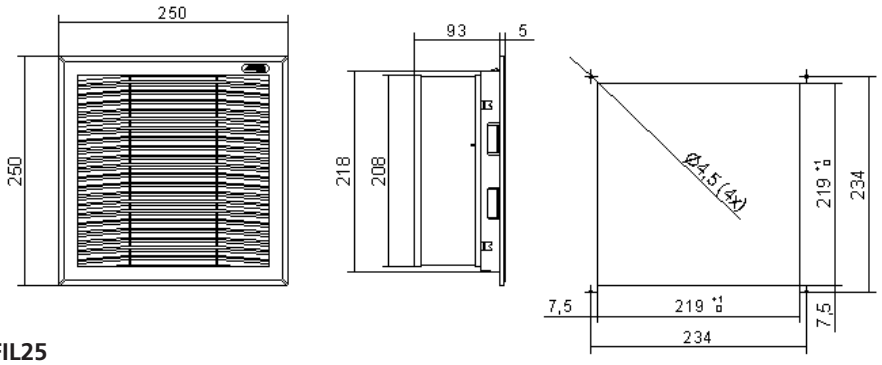


Performances

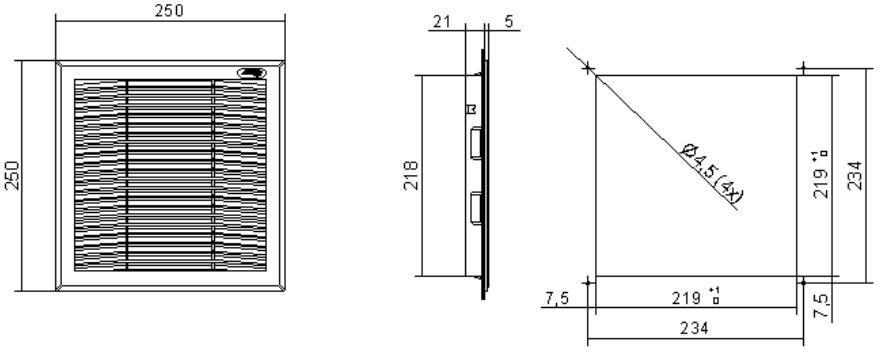


P = Static pressure (Pa)
Q = Air flow rate (m³/h)

FAN28



FIL25



Dimensions **Drilling templates**

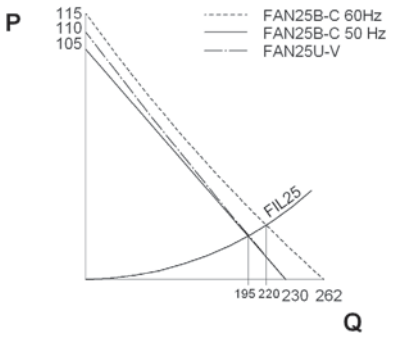
FAN25 Ventilating units with filter

Characteristics	M.U.	FIL25XN0B	FAN25BN0B	FAN25CN0B	FAN25UN0B	FAN25VN0B
Air flow rate	m³/h	-	230/262	230/262	230	230
Power supply	V ~ Hz	-	230 1~ 50-60	115 1~ 50-60	24 V DC	48 V DC
Dimensions HxWxD	mm	250x250x26	250x250x114	250x250x114	250x250x114	250x250x114
Absorbed electric power	W	-	37/36	43/40	12	12
Max. current	A	-	0,28/0,27	0,65/0,6	0,5	0,5
Over current protection	-	-	Inside motor	Inside motor	Inside motor	Inside motor
Electrical connection	-	-	Faston	Faston	Faston	Faston
Duty cycle	-	-	100%	100%	100%	100%
Temperature limits	°C	-30 +75	-10 +50	-10 +50	-10 +50	-10 +55
Protection level EN60529	-	IP44	IP54	IP54	IP54	IP54
Noise level	dB (A)	-	56/58	56/58	50	50
FAN + FIL capacity	m³/h	-	1xFIL25XN0B: 195/220 2xFIL25XN0B: 215/233 1xFIL35XN0B: 205/228		1xFIL25XN0B: 195 2xFIL25XN0B: 215 1xFIL35XN0B: 205	
Direction of the air flow	-	-	Outside towards the inside Reversible	Outside towards the inside Reversible	Outside towards the inside Reversible	Outside towards the inside Reversible
Filter (Eurovent)	-	EU4	EU4	EU4	EU4	EU4
Motor support	-	-	Bearings	Bearings	Bearings	Bearings
Conformity	-	CE	CE	CE	CE	CE
Service Life L_{10}	h	-	45000	45000	60000	60000
Colour	-	RAL 7035 orange peel effect				

Accessories/Options	
Pack of 10 cloth filters for FAN23-25	AAFFN25
Pack of 10 cloth filters for FAN23-25 high filtering capacity	AAFFH25
Pack of 10 cloth filters for FAN35	AAFFN35
Pack of 10 cloth filters for FAN35 high filtering capacity	AAFFH35
0-60°C thermostat, NO 10A	AAFTO12
5-60°C thermostat, change-over contact 10A	AAWTS10
Casing for IP55 protection	C12001229

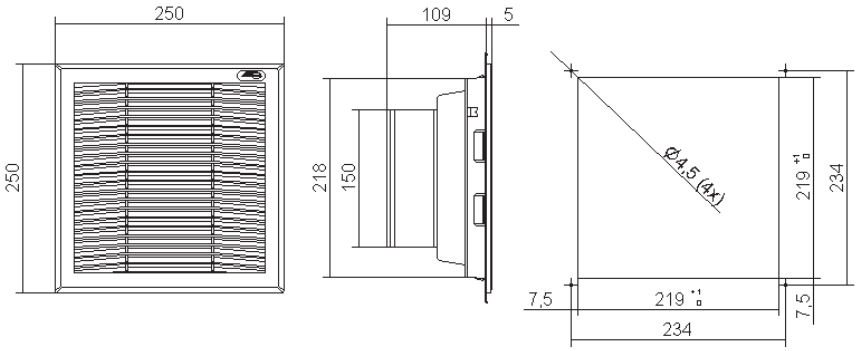
REMARK : The drilling templates are merely indicative.
Always put in touch with our technical-sales department for further explanation you should need.

Performances

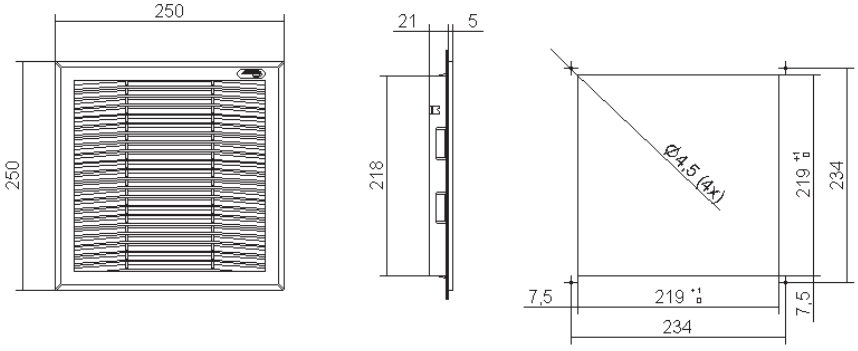


P = Static pressure (Pa)
Q = Air flow rate (m³/h)

FAN25



FIL25



Dimensions **Drilling templates**

FAN23 Ventilating units with filter

Characteristics	M.U.	FIL25XN0B	FAN23BN0B	FAN23CN0B	FAN23UN0B	FAN23VN0B
Air flow rate	m³/h	-	115/125	115/125	120	120
Power supply	V ~ Hz	-	230 1~ 50-60	115 1~ 50-60	24 V DC	48 V DC
Dimensions HxWxD	mm	250x250x26	250x250x102	250x250x102	250x250x102	250x250x102
Absorbed electric power	W	-	20/19	20/18	7,4	7,7
Max. current	A	-	0,12/0,11	0,21/0,18	0,4	0,16
Over current protection	-	-	Inside motor	Inside motor	Inside motor	Inside motor
Electrical connection	-	-	Faston	Faston	Faston	Faston
Duty cycle	-	-	100%	100%	100%	100%
Temperature limits	°C	-30 +75	-10 +50	-10 +50	-10 +50	-10 +55
Protection level EN60529	-	IP54	IP54	IP54	IP54	IP54
Noise level	dB (A)	-	43/48	43/48	43	43
FAN + FIL capacity	m³/h	-	1xFIL25XN0B: 92/106 1xFIL35XN0B: 101/111		1xFIL25XN0B: 104 1xFIL35XN0B: 111	
Direction of the air flow	-	-	Outside towards the inside Reversible	Outside towards the inside Reversible	Outside towards the inside Reversible	Outside towards the inside Reversible
Filter (Eurovent)	-	EU4	EU4	EU4	EU4	EU4
Motor support	-	-	Bearings	Bearings	Bearings	Bearings
Conformity	-	CE	CE	CE	CE	CE
Service Life L_{10}	h	-	45000	45000	60000	60000
Colour	-	RAL 7035 orange peel effect				

Accessories/Options	
Pack of 10 cloth filters for FAN23-25	AAFFN25
Pack of 10 cloth filters for FAN23-25 high filtering capacity	AAFFH25
Pack of 10 cloth filters for FAN35	AAFFN35
Pack of 10 cloth filters for FAN35 high filtering capacity	AAFFH35
0-60°C thermostat, NO 10A	AAFTO12
5-60°C thermostat, change-over contact 10A	AAWTS10
Casing for IP55 protection	C12001229

REMARK : The drilling templates are merely indicative.
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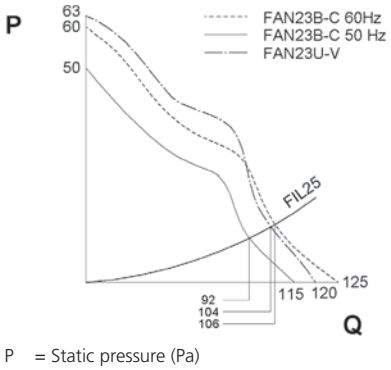
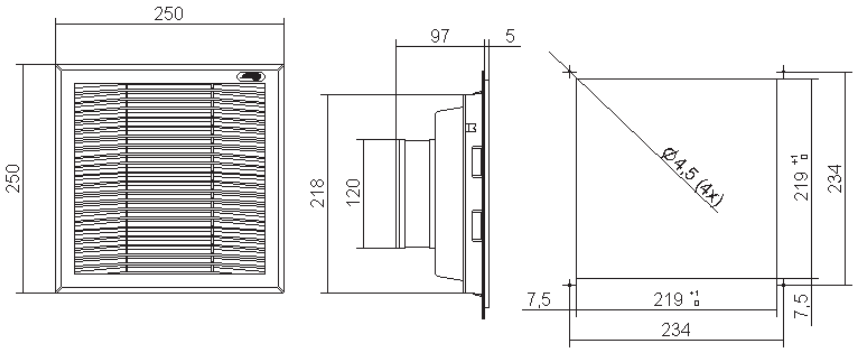
Performances

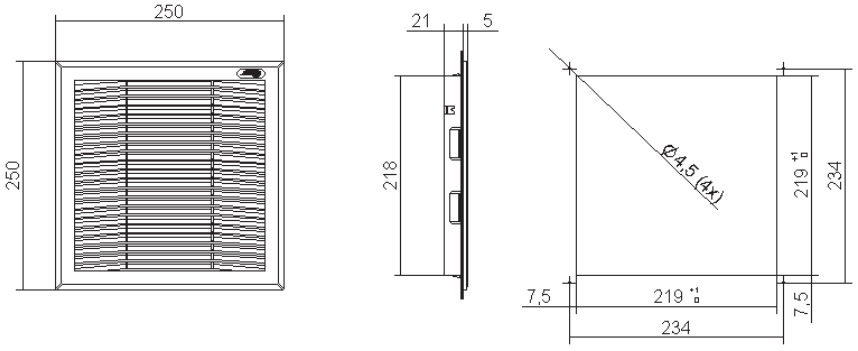


P = Static pressure (Pa)
Q = Air flow rate (m³/h)

FAN23



FIL25



Dimensions **Driling templates**

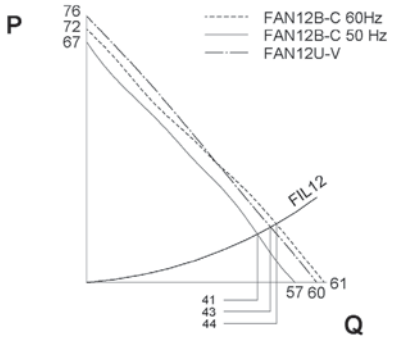
FAN12 Ventilating units with filter

Characteristics	M.U.	FIL12XN0B	FAN12BN0B	FAN12CN0B	FAN12UN0B	FAN12VN0B
Air flow rate	m³/h	-	57/61	57/61	60	60
Power supply	V ~ Hz	-	230 1~ 50-60	115 1~ 50-60	24 V DC	48 V DC
Dimensions HxWxD	mm	150x150x24	150x150x67	150x150x67	150x150x67	150x150x67
Absorbed electric power	W	-	20/19	20/18	7,4	7,7
Max. current	A	-	0,12/0,11	0,21/0,18	0,31	0,16
Over current protection	-	-	Inside motor	Inside motor	Inside motor	Inside motor
Electrical connection	-	-	Faston	Faston	Faston	Faston
Duty cycle	-	-	100%	100%	100%	100%
Temperature limits	°C	-30 +75	-10 +50	-10 +50	-10 +50	-10 +55
Protection level EN60529	-	IP54	IP54	IP54	IP54	IP54
Noise level	dB (A)	-	43/48	43/48	43	43
FAN + FIL capacity	m³/h	-	1xFIL12XN0B: 41/44 1xFIL25XN0B: 47/51		1xFIL12XN0B: 43 1xFIL25XN0B: 49	
Direction of the air flow	-	-	Outside towards the inside Reversible	Outside towards the inside Reversible	Outside towards the inside Reversible	Outside towards the inside Reversible
Filter (Eurovent)	-	EU4	EU4	EU4	EU4	EU4
Motor support	-	-	Bearings	Bearings	Bearings	Bearings
Conformity	-	CE	CE	CE	CE	CE
Service Life L_{10}	h	-	45000	45000	60000	60000
Colour	-	RAL 7035 orange peel effect				

Accessories/Options	
Pack of 10 cloth filters for FAN12	AAFFN12
Pack of 10 cloth filters for FAN12 high filtering capacity	AAFFH12
Pack of 10 cloth filters for FAN23-25	AAFFN25
Pack of 10 cloth filters for FAN23-25 high filtering capacity	AAFFH25
0-60°C thermostat, NO 10A	AAFTO12
5-60°C thermostat, change-over contact 10A	AAWTS10
Casing for IP55 protection	C12001228

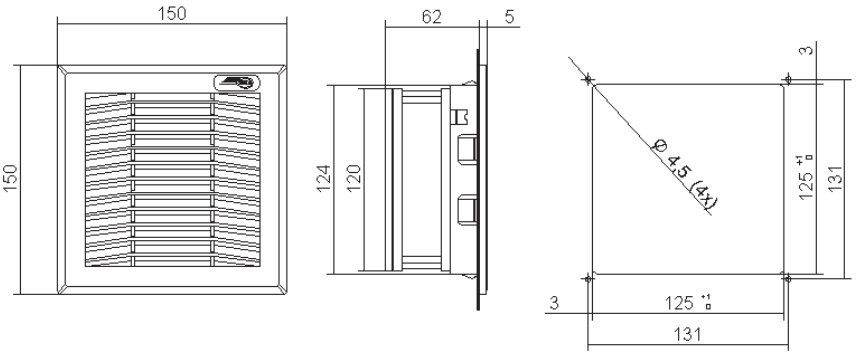
REMARK : The drilling templates are merely indicative.
Always put in touch with our technical-sales department for further explanation you should need.

Performances

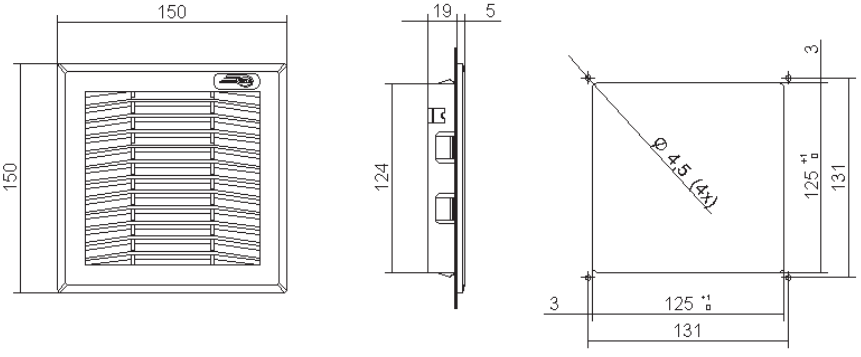


P = Static pressure (Pa)
Q = Air flow rate (m³/h)

FAN12



FIL12



Dimensions **Drilling templates**

FAN08 Ventilating units with filter

Characteristics	M.U.	FIL08XN0B	FAN08BN0B	FAN08CN0B	FAN08UN0B	FAN08VN0B
Air flow rate	m³/h	-	36/41	36/41	44	44
Power supply	V ~ Hz	-	230 1~ 50-60	115 1~ 50-60	24 V DC	48 V DC
Dimensions HxWxD	mm	114x114x21	114x114x64	114x114x64	114x114x64	114x114x64
Absorbed electric power	W	-	15/13	15/12	13	14
Max. current	A	-	0,14/0,13	0,07/0,06	0,50	0,30
Over current protection	-	-	inside motor	inside motor	inside motor	inside motor
Electrical connection	-	-	Faston	Faston	Faston	Faston
Duty cycle	-	-	100%	100%	100%	100%
Temperature limits	°C	-30 +75	-10 +50	-10 +50	-10 +50	-10 +50
Protection level EN60529	-	IP54	IP54	IP54	IP54	IP54
Noise level	dB (A)	-	30/32	30/32	36	36
FAN + FIL capacity	m³/h	-	1xFIL08XN0B: 25/30 1xFIL12XN0B: 28/33		1xFIL08XN0B: 35 1xFIL12XN0B: 38	
Direction of the air flow	-	-	Outside towards the inside Reversible	Outside towards the inside Reversible	Outside towards the inside Reversible	Outside towards the inside Reversible
Filter (Eurovent)	-	EU4	EU4	EU4	EU4	EU4
Motor support	-	-	bearings	bearings	bearings	bearings
Conformity	-	CE	CE	CE	CE	CE
Service Life L_{10}	h	-	45000	45000	60000	60000
Colour	-	RAL 7035 orange peel effect				

Accessories/Options	
Pack of 10 cloth filters for FAN08	AAFFN08
Pack of 10 cloth filters for FAN08 high filtering capacity	AAFFH08
Pack of 10 cloth filters for FAN12	AAFFN12
Pack of 10 cloth filters for FAN12 high filtering capacity	AAFFH12
0-60°C thermostat, NO 10A	AAFTO12
5-60°C thermostat, change-over contact 10A	AAWTS10
Casing for IP55 protection	C12001228

REMARK : The drilling templates are merely indicative.
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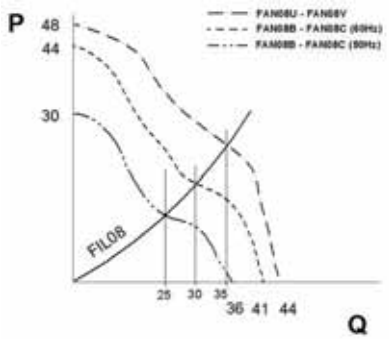
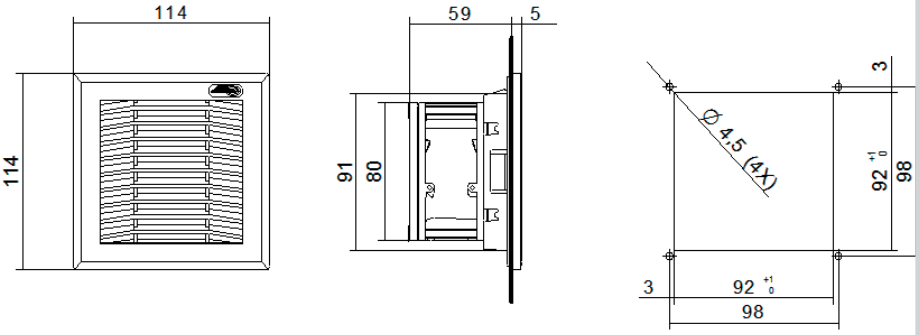
Performances

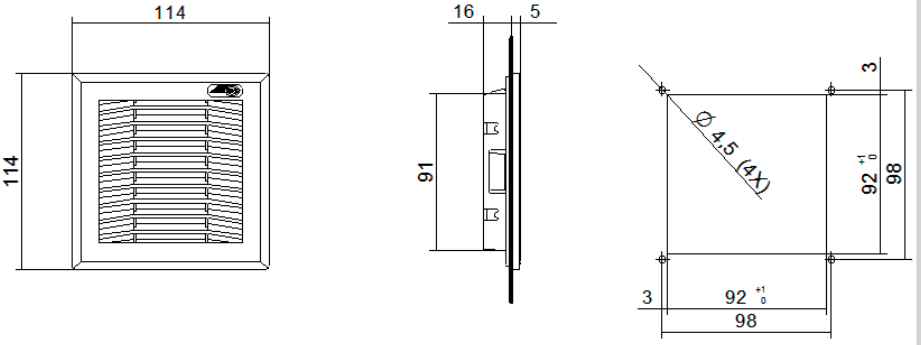


P = Static pressure (Pa)
Q = Air flow rate (m³/h)

FAN08



FIL08



Dimensions **Driling templates**


TEXA
TEXA

DLK Ventilating towers

Application
The DLK roof ventilating towers, being easy to install and with a pleasant and innovative design, are the best option when there is no room on the enclosure walls or when the rate of flow needed is greater than what can be provided by the FAN series of ventilated grilles.

Available air flow rates
Available in 5 capacities: from 600 to 4000 m³/h. Radial fans are used with the motor pin on a bearing. High volumetric efficiency and quality with an expected life of 50.000 working hours at an ambient temperature of 40°C.

High protection level
The covering structure's special configuration and the self-adhesive seal for coupling to the enclosure ensure the DLK/DLR units an IP44 protection level. A filter kit for IP54 protection is available on request.

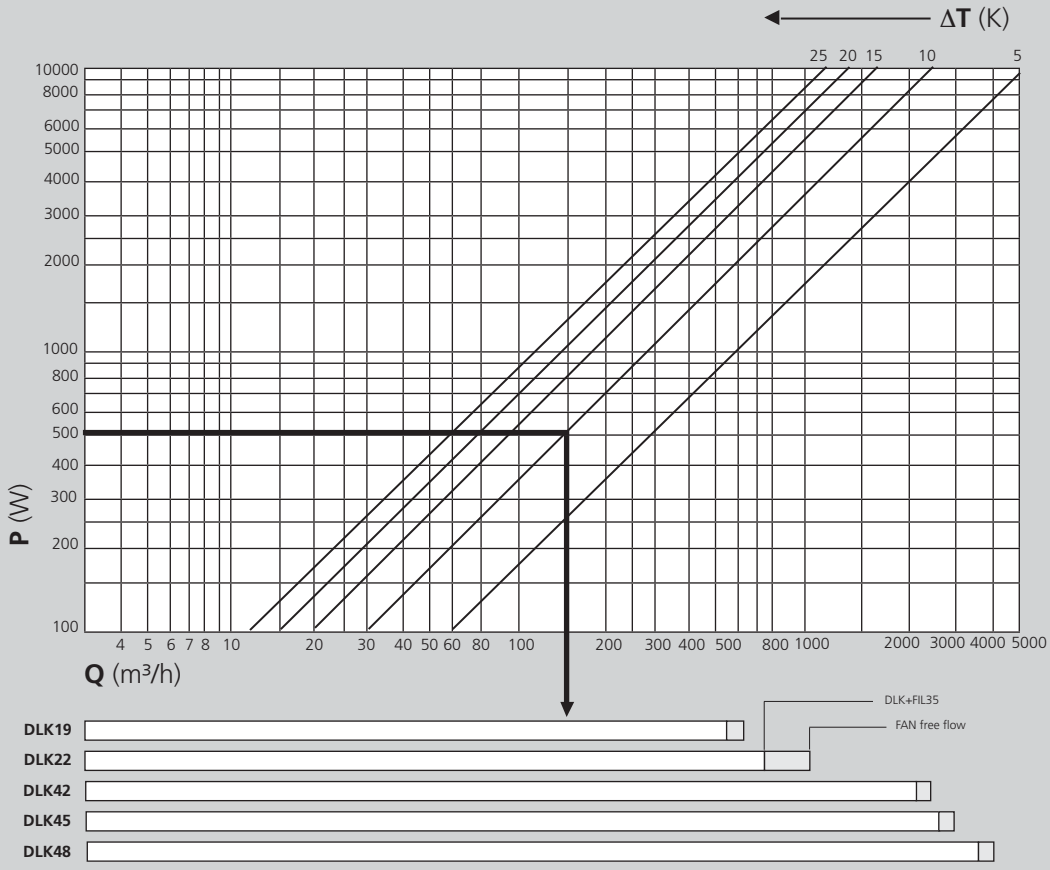
Natural ventilating unit
A version is also available without a fan called DLR19XX0B. This is used when natural ventilation is enough to cool the enclosure and you want to maintain its high protection level.

Supply voltage
The DLK ventilating towers are available for single-phase AC power at 230V and 115V. On request and for substantial quantities they can also be available with other voltages not given in the catalogue.

Low noise
A low noise level is one very important factor taken into account when designing the DLK units. They are in fact designed to minimise noise disturbance to provide quiet working environments.

Filter unit
The DLK ventilating towers are used together with the FIL35XN0B filtering grille for the suction of panel air.

Ventilating units with filter diagram selection



Q = Air flow rate
P = Power dissipates in the enclosure
ΔT = Temperature difference

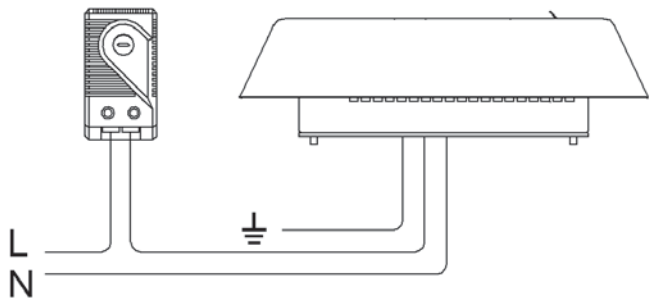
Example:

Dissipated power	500 W	Unit chosen **DLK19**
Temperature difference	10 K	
Necessary air flow rate	160 m³/h	

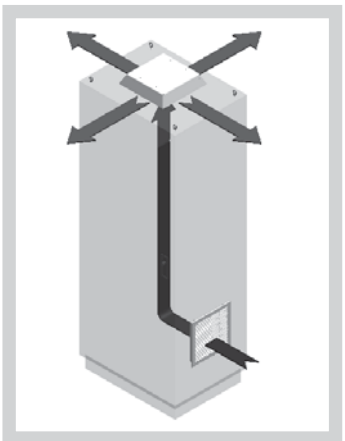
Application tips

- When choosing the DLK ventilating towers maintain a safety margin of at least 10% to compensate for any decrease in the rate of flow due to dirtying of the cloth filter.
- If you are using the high filtering capacity cloth filter/grille remember that the air flow rate will be less.
- The DLK ventilating tower can be switched on by a thermostat that powers it only when the temperature exceeds a set threshold (e.g. 35°C). In this way, the fan works only when cooling is needed which saves energy, lengthens the life of the cloth filter and there is less maintenance.

Thermostat
AAFTO12



Control diagram of a ventilating tower with a AAFTO12 thermostat



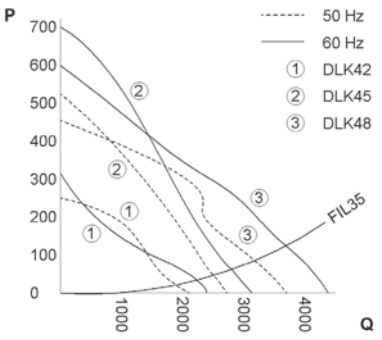
DLK42-45-48 Ventilating towers

Characteristics	M.U.	DLK42BX0B	DLK45BX0B	DLK48BX0B
Fan air flow rate	m³/h	2300/2530	3000/3370	4000/4520
Fan+tower air flow rate	m³/h	2110/2390	2750/3180	3670/4270
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	230 1~ 50-60
Dimensions HxWxD	mm	315x637x637	315x637x637	315x637x637
Absorbed electric power	W	210/260	270/320	380/410
Max. current	A	0,9/1,1	1,2/1,4	1,7/1,8
Over current protection	-	Inside motor	Inside motor	Inside motor
Electrical connection	-	Cable	Cable	Cable
Duty cycle	-	100%	100%	100%
Temperature limits	°C	-20 +60	-20 +60	-20 +60
Protection level EN60529	-	IP44	IP44	IP44
Noise level	dB (A)	62/64	72/74	71/74
DLK + 6 FIL35XN0B capacity	m³/h	1920/2200	2520/2930	3340/3930
Direction of the air flow	-	Inside towards outside	Inside towards outside	Inside towards outside
Motor support	-	Bearings	Bearings	Bearings
Conformity	-	CE	CE	CE
Colour	-	RAL 7035 orange peel effect		

Accessories/Options	
Filter unit 325x325 mm	FIL35XN0B
Pack of 10 cloth filters for FAN35	AAFFN35
0-60°C thermostat, NO 10A	AAFTO12
5-60°C thermostat, change-over contact 10A	AAWTS10
Filter Kit for IP54 protection	C15X00000

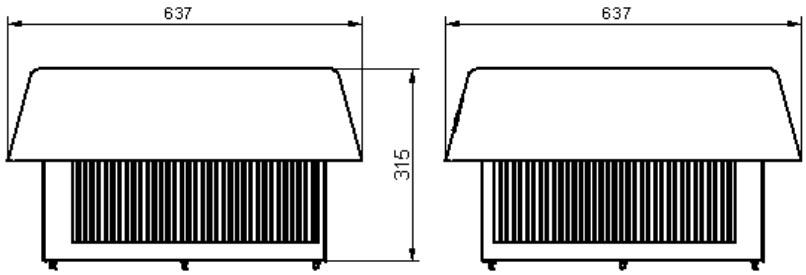
REMARK : The drilling templates are merely indicative.
Always put in touch with our technical-sales department for further explanation you should need.

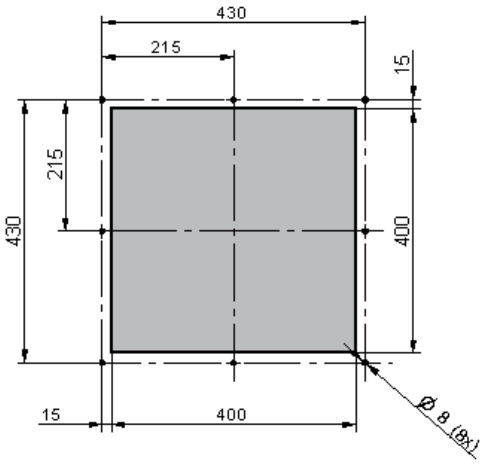
Performances



P = Static pressure (Pa)
Q = Air flow rate (m³/h)

Dimensions





Drilling template

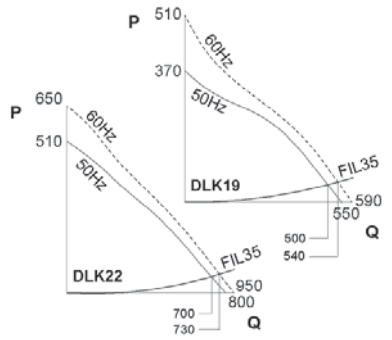
DLK19-22 Ventilating towers

Characteristics	M.U.	DLR19XX0B	DLK19BX0B	DLK19CX0B	DLK22BX0B	DLK22CX0B
Fan air flow rate	m³/h	-	600/625	600/625	1050/1085	1050/1085
Fan+tower air flow rate	m³/h	-	550/590	550/590	800/950	800/950
Power supply	V ~ Hz	-	230 1~ 50-60	115 1~ 50-60	230 1~ 50-60	115 1~ 50-60
Dimensions HxWxD	mm	122x375x375	122x375x375	122x375x375	122x375x375	122x375x375
Absorbed electric power	W	-	78/106	58/77	123/168	143/200
Max. current	A	-	0,32/0,4	0,58/0,73	0,52/0,65	1,13/1,42
Over current protection	-	-	Inside motor	Inside motor	Inside motor	Inside motor
Electrical connection	-	-	Cable	Cable	Cable	Cable
Duty cycle	-	-	100%	100%	100%	100%
Temperature limits	°C	-	-20 +60	-20 +60	-20 +60	-20 +60
Protection level EN60529	-	IP44	IP44	IP44	IP44	IP44
Noise level	dB (A)	-	62/64	62/64	72/71	72/71
DLK + FIL35XN0B capacity	m³/h	-	500/540	500/540	700/730	700/730
Direction of the air flow	-	-	Inside towards outside	Inside towards outside	Inside towards outside	Inside towards outside
Motor support	-	-	Bearings	Bearings	Bearings	Bearings
Conformity	-	CE	CE	CE	CE	CE
Colour	-	-	RAL 7035 orange peel effect			

Accessories/Options	
Filter unit 325x325 mm	
Pack of 10 cloth filters for FAN35	FIL35XN0B
Pack of 10 cloth filters for FAN35 high filtering capacity	AAFFN35
0-60°C thermostat, NO 10A	AAFTO12
5-60°C thermostat, change-over contact 10A	AAWTS10
Filter Kit for IP54 protection level	C15000376

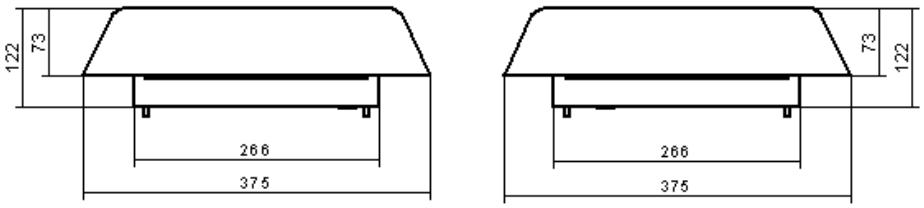
REMARK : The drilling templates are merely indicative.
Always put in touch with our technical-sales department for further explanation you should need.

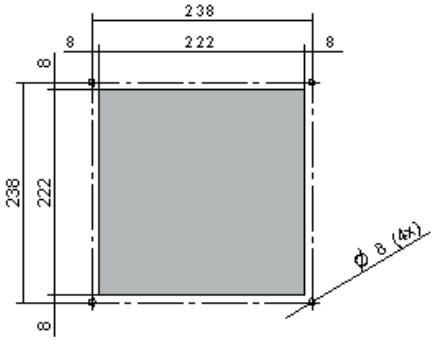
Performances



P = Static pressure (Pa)
Q = Air flow rate (m³/h)

Dimensions





Drilling template

WID Anticondensate heaters

Application
The heaters are necessary in order to prevent failures or corrosion caused by excessively low temperatures or high humidity inside the enclosure. Such conditions are likely when the ambient temperature is low and the equipment inside the enclosure is not powered or fails to dissipate enough heat to keep enclosure temperature above the minimum threshold. The outdoor enclosures are nearly always in such conditions.

Safety
Surface temperature is limited via a PTC. This ensures safe working and a self-adjusted heating power. All heaters are Class I except series WID..BL0T and WID..ZX0P heaters which are Class II.

Quick assembly
Assembly is quick and simple. All units are designed for click-in assembly on 35 mm DIN bar EN 50022.

Long life
The fanned heaters feature fans with motor pin on bearing. These heaters provide a high volumetric efficiency and quality and their life is approximately 50.000 working hours with an ambient temperature of 25°C.

Flexible supply voltage
The WID heater series in the catalogue feature the following powers:

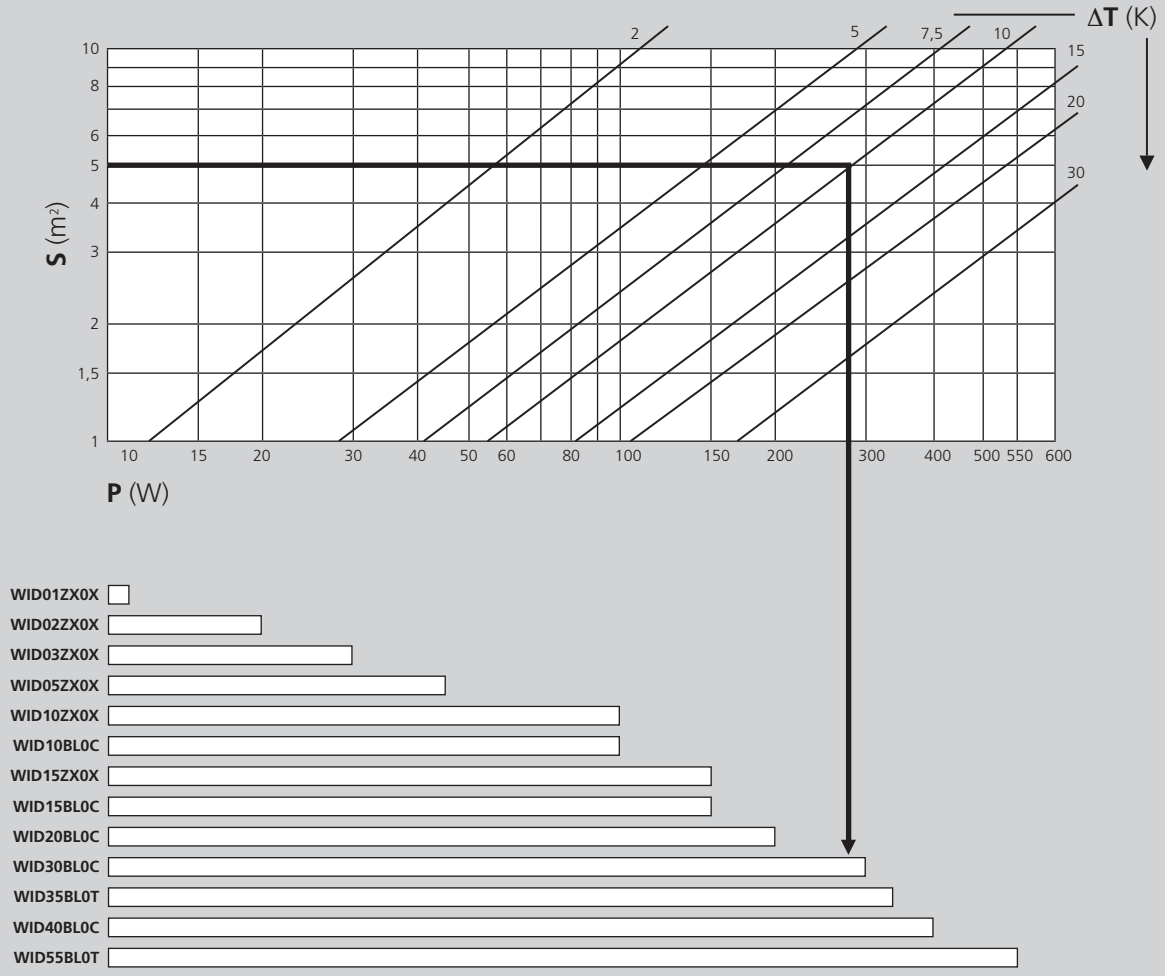
- WID..ZX0X 110-250 V AC/DC
- WID..ZX0P 110-250 V AC/DC
- WID..BL0C 230 V 50/60 Hz
- WID..BL0T 230 V 50/60 Hz

Wide range
Compact, reliable and a high performance, the WID heater series covers a range of powers going from 45 to 550 W and are available in four types:

- WID..ZX0X Standard
- WID..ZX0P Protected surface
- WID..BL0C Ventilated compact
- WID..BL0T Ventilated with built-in thermostat

Special products
On request and for substantial quantities, voltages that are not given in the catalogue can also be available.

Anticondensate heaters selection diagram



P = Heating capacity
S = Enclosure surface
ΔT = Temperature difference

Example:
Enclosure surface 5 m²
Temeprature difference 10 K
Heating capacity 280 W
} Unit chosen **WID30BL0C o WID35BL0T**

Application tips

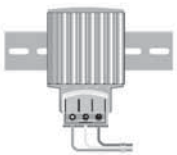
- To ensure optimum temperature control the heaters must be controlled by either a thermostat or humidistat (see Accessories)
- To ensure maximum efficiency the heaters must be installed at the bottom of the enclosure with the flow air aimed upward and the fan and electrical connection at the bottom. A minimum clearance of 50 mm must be left under and over the heater.
- All electrical components made with a thermoplastic material must be kept at least 50 mm away from the heater. If the enclosure is very big it is advisable to install several heaters, distributed evenly, instead of just a single but more powerful heater. The heating effect is better distributed this way.

WID05-15ZX0X Anticondensate heaters

Characteristics	M.U.	WID05ZX0X	WID10ZX0X	WID15ZX0X
Heating capacity*	W	45	100	150
Power supply	V ~ Hz	110-250 V AC/DC	110-250 V AC/DC	110-250 V AC/DC
Dimensions HxWxD	mm	109x70x50	184x70x50	264x70x50
Max. current	A	3,5	4,5	9
Heating element	-	PTC self-regulated	PTC self-regulated	PTC self-regulated
Electrical connection	-	3-pole terminal board	3-pole terminal board	3-pole terminal board
Protection class IEC	-	I	I	I
Protection level EN60529	-	IP20	IP20	IP20
Radiator	-	Die-cast aluminium	Die-cast aluminium	Die-cast aluminium
Mounting on clip for DIN bar	mm	35	35	35
Weight	Kg	0,3	0,5	0,7
Conformity	-	CE	CE	CE

* At ambient temperature 20°C

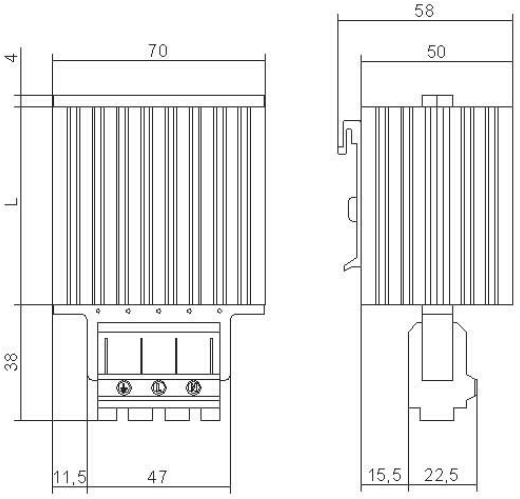
Accessories/Options	
0-60°C thermostat, NC 10A	AAWTC10
10-60°C thermostat, 10A change-over contact	AAWTS10
RH 35-95% humidistat, 5A change-over contact	AAWHS10



Easy assembly thanks to quick fitting terminals

Dimensions

	L mm
WID05ZX0X	65
WID10ZX0X	140
WID15ZX0X	220

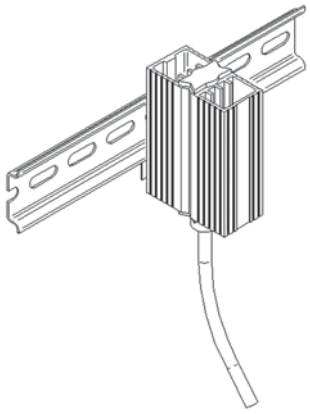


WID01-03ZX0X Anticondensate heaters

Characteristics	M.U.	WID01ZX0X	WID02ZX0X	WID03ZX0X
Heating capacity*	W	10	20	30
Power supply	V ~ Hz	110-250 V AC/DC	110-250 V AC/DC	110-250 V AC/DC
Dimensions HxWxD	mm	61x50x25	71x50x25	81x50x25
Max. current	A	1	2,5	3
Heating element	-	PTC self-regulated	PTC self-regulated	PTC self-regulated
Electrical connection	-	Cable L = 0,3 m	Cable L = 0,3 m	Cable L = 0,3 m
Protection class IEC	-	I	I	I
Protection level EN60529	-	IP54	IP54	IP54
Radiator	-	Die-cast aluminium	Die-cast aluminium	Die-cast aluminium
Mounting on clip for DIN bar	mm	35	35	35
Weight	Kg	0,1	0,2	0,2
Conformity	-	CE	CE	CE

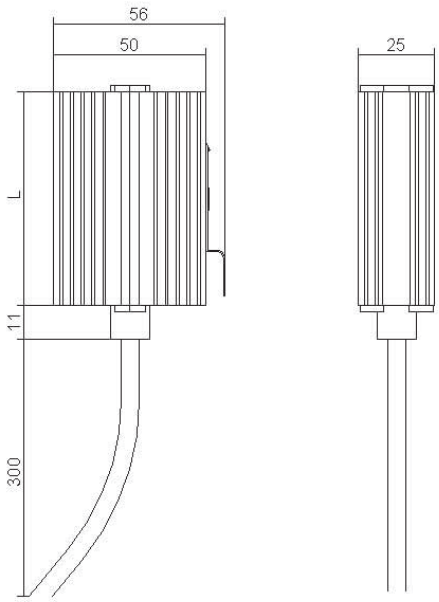
* At ambient temperature 20°C

Accessories/Options	
0-60°C thermostat, NC 10A	AAWTC10
10-60°C thermostat, 10A change-over contact	AAWTS10
RH 35-95% humidistat, 5A change-over contact	AAWHS10



Dimensions

	L mm
WID01ZX0X	50
WID02ZX0X	60
WID03ZX0X	70

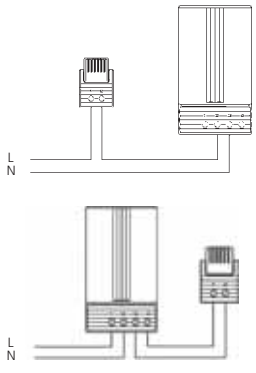


WID05-15ZX0P Anti-condensation heaters with protected surface

Characteristics	M.U.	WID05ZX0P	WID10ZX0P	WID15ZX0P
Heating capacity*	W	50	100	150
Power supply	V ~ Hz	110-250 V AC/DC	110-250 V AC/DC	110-250 V AC/DC
Dimensions HxWxD	mm	110x60x90	110x60x90	150x60x90
Max. current	A	2,5	4,5	8
Heating element	-	PTC self-regulated	PTC self-regulated	PTC self-regulated
Electrical connection	-	4-pole terminal board	4-pole terminal board	4-pole terminal board
Protection class IEC	-	II	II	II
Protection level EN60529	-	IP20	IP20	IP20
Casing	-	Plastic UL94 V-0	Plastic UL94 V-0	Plastic UL94 V-0
Mounting on clip for DIN bar	mm	35	35	35
Weight	Kg	0,3	0,3	0,45
Conformity	-	CE	CE	CE

* At ambient temperature 40°C

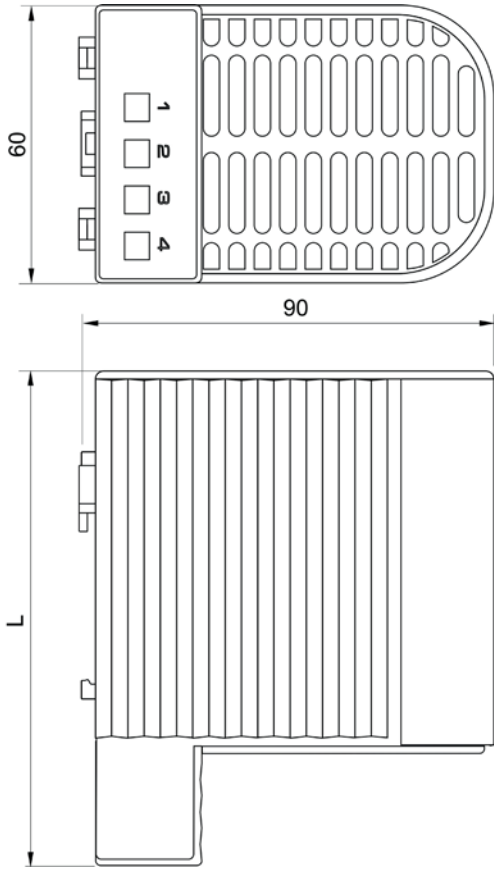
Accessories/Options	
0-60°C thermostat, NC 10A	AAWTC10
10-60°C thermostat, 10A change-over contact	AAWTS10
RH 35-95% humidistat, 5A change-over contact	AAWHS10



Easy assembly thanks to quick fitting terminals

Dimensions

	L mm
WID05ZX0P	110
WID10ZX0P	110
WID15ZX0P	150



WID..BL0C Compact, fanned anticondensate heaters

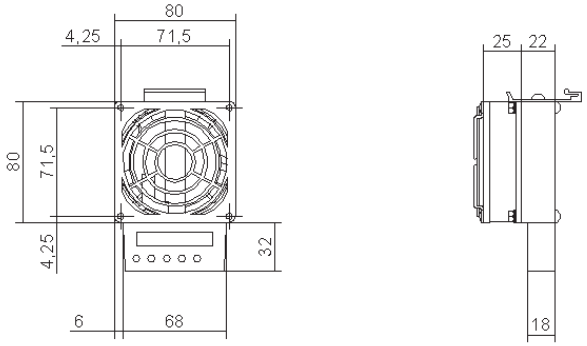
Characteristics	M.U.	WID10BL0C	WID15BL0C	WID20BL0C	WID30BL0C	WID40BL0C
Heating capacity	W	100	150	200	300	400
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	230 1~ 50-60	230 1~ 50-60	230 1~ 50-60
Dimensions HxWxD	mm	112x80x47	112x80x47	151x119x47	151x119x47	151x119x47
Heating element	-	Highly efficient heating cartridge	Highly efficient heating cartridge	Highly efficient heating cartridge	Highly efficient heating cartridge	Highly efficient heating cartridge
Fan Capacity	m³/h	35	35	108	108	108
Fan Support	-	Bearings	Bearings	Bearings	Bearings	Bearings
Fan Life at 25°C	h	50.000	50.000	50.000	50.000	50.000
Electrical protection	-	For a failure on the fan	For a failure on the fan	For a failure on the fan	For a failure on the fan	For a failure on the fan
Air outlet temperature*	°C	45	45	45	45	45
Heating element electrical connection	-	3-pole terminal board	3-pole terminal board	3-pole terminal board	3-pole terminal board	3-pole terminal board
Fan electrical connection	-	2-pole terminal board	2-pole terminal board	2-pole terminal board	2-pole terminal board	2-pole terminal board
Protection class IEC	-	I	I	I	I	I
Protection level EN60529	-	IP20	IP20	IP20	IP20	IP20
Radiator	-	Die-cast aluminium	Die-cast aluminium	Die-cast aluminium	Die-cast aluminium	Die-cast aluminium
Mounting on clip for DIN bar	mm	35	35	35	35	35
Weight	Kg	0,6	0,6	0,9	0,9	0,9
Conformity	-	CE	CE	CE	CE	CE

* 50 mm above the element

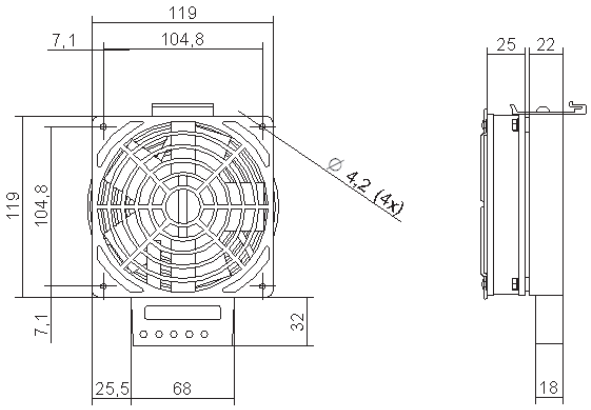
Accessories/Options	
0-60°C thermostat, NC 10A	AAWTC10
10-60°C thermostat, 10A change-over contact	AAWTS10
RH 35-95% humidistat, 5A change-over contact	AAWHS10

Breakdown of the fan-heater unit

Dimensions



WID10BL0C
WID15BL0C



WID20BL0C
WID30BL0C
WID40BL0C

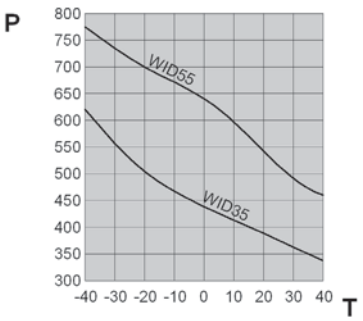
WID..BL0T Fanned anticondensate heaters with thermostat

Characteristics		M.U.	WID35BL0T	WID55BL0T
Heating capacity*		W	350	550
Power supply		V ~ Hz	230 1~ 50-60	230 1~ 50-60
Max. current		A	11	13
Dimensions HxWxD		mm	165x100x128	165x100x128
Heating element		-	PTC self regulated	PTC self regulated
Fan	Capacity	m³/h	35	45
	Support	-	Bearings	Bearings
	Life at 25°C	h	50.000	50.000
Electrical protection		-	For a failure on the fan	For a failure on the fan
Temperature limits		°C	0-60	0-60
Electrical connection		-	2-pole terminal board	2-pole terminal board
Protection class IEC		-	II	II
Protection level EN60529		-	IP20	IP20
Mounting on clip for DIN bar		mm	35	35
Weight		Kg	0,9	1,1
Conformity		-	CE	CE

* At ambient temperature 20°C

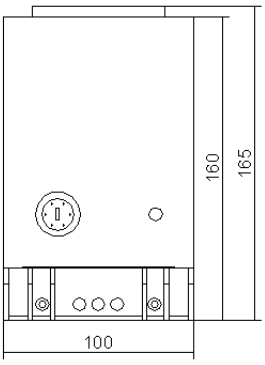
Accessories/Options	
10-60°C thermostat, 10A change-over contact	AAWTS10
RH 35-95% humidistat, 5A change-over contact	AAWHS10

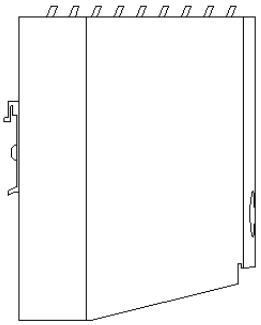
Performances

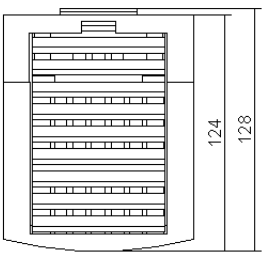


P = Heating capacity (W)
T = Temperature (°C)

Dimensions








TEXA
CLIMATE CONTROL
SAVE THE OZONE

ACCESSORIES

AAEFP/AADFP

Polyurethane foam air filters for cooling units

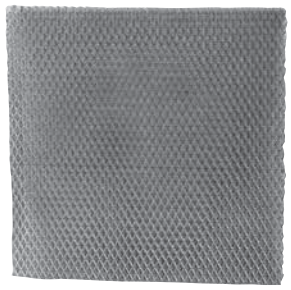
The TEXA cooling units are designed in such a way that no maintenance is required. They are supplied without filters on the external air intake side but if the ambient air is highly contaminated (containing particles or only aerosols) a filter can be installed behind the intake grille in the space left for it. These filters are made of cavity structure type polyurethane foam and boast high stability as regards their mechanical and chemical characteristics.

Models	Article code	Quantity per pack	Models	Article code	Quantity per pack
EGO04	AAEFP04	5	EGOA5	C15002900	5
EGO06	AAEFP06	5	DEK04	C15000171	5
EGO08-10	AAEFP10	5	DEK08	C15000173	5
EGO12-16-20	C15000163	5	DEK12-15-20	AADFP12	5
EGO30-40	C15000183	5	DEK30-40	AADFP30	5
EGO60	C15000175	5	SKY10-15-20	C15000181	5
EGO80-A0	C15000188	5			

AAEFM/AADFM

Regenerable air filters for cooling units

In the case of extreme ambient conditions the cooling units can be fitted with metal air filters. Compared to the polyurethane foam filters their filtering efficiency is not so good but the advantage is they can be regenerated. They can be cleaned with a degreasing detergent and used again and again. They are made in aluminium netting.



Models	Article code	Quantity per pack	Models	Article code	Quantity per pack
EGO04	AAEFM04	1	EGOA5	C15002497	1
EGO06	AAEFM06	1	DEK04	C15000172	1
EGO08-10	AAEFM10	1	DEK08	C15000173	1
EGO12-16-20	C15000164	1	DEK12-15-20	AADFM12	1
EGO30-40	C15000185	1	DEK30-40	AADFM30	1
EGO60	C15000176	1	SKY10-15-20	C15000182	1
EGO80-A0	C15000189	1			

AAFFN

Spare cloth filters for ventilation units

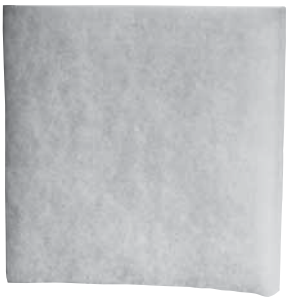
These are standard cloth filters for FAN units. To maintain a high performance of these types of ventilating units it is necessary to periodically check how dirty the cloth filter is and, if necessary, change it with a new one. These filters are made in self-extinguishing synthetic fibres with a very close mesh and a progressive filtering strength. Filtering efficiency reaches 91%. Filtration class EU4

Models	Article code	Quantity per pack
FAN12-FIL12	AAFFN12	10
FAN23-FAN25-FAN28-FIL25	AAFFN25	10
FAN35-FIL35	AAFFN35	10

AAFFH

Highly efficient cloth filters

The highly efficient cloth filters are used in environments where there is very fine dust. By using this kind of filter we can guarantee an IP54 protection level of the ventilating unit and the air flow rate is less than the nominal rate. Filtering efficiency reaches 97%. Filtration class EU5



Models	Article code	Quantity per pack
FAN12-FIL12	AAFFH12	10
FAN23-FAN25-FAN28-FIL25	AAFFH25	10
FAN35-FIL35	AAFFH35	10

ACCESSORIES

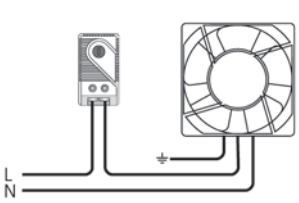
AAFTO12
Thermostat

Extremely compact thermostat with quick snap-in installation and a wide adjustment range. It has a normally open contact and used mainly to control the fans, heat exchangers or as a maximum temperature signal.

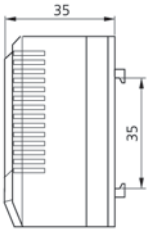
Characteristics	M.U.	AAFTO12
Setting range	°C	0-60
Switch difference	K	7
Contact	-	NO
Switching capacity (resistive load)	A	10
Max. tension	V	250 AC
Dimensions HxWxD	mm	60x33x35
Sensor element	-	Bimetal
Electrical connection	-	2-pole terminal(2,5 mm²)
Operating temperature limits	°C	-45 +70
Protection level EN60529	-	IP20
Mounting on clip for DIN bar	mm	35
Weight	g	40
Conformity	-	CE

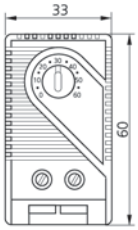
Accessories/Options		
Pack of 5 devices installation accessories for electric enclosures	-	AAWFT10

Thermostat
AAFTO12



Cooling





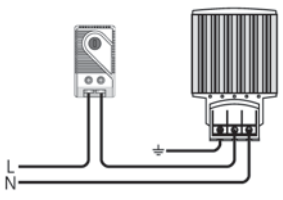
AAWTC10
Thermostat

Extremely compact thermostat with quick snap-in installation and a wide adjustment range. It has a normally closed contact and used mainly to control the anti-condensate heaters.

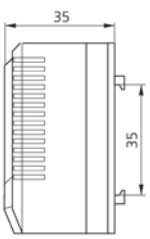
Characteristics	M.U.	AAWTC10
Setting range	°C	0-60
Switch difference	K	7
Contact	-	NC
Switching capacity (resistive load)	A	10
Max. tension	V	250 AC
Dimensions HxWxD	mm	60x33x35
Sensor element	-	Bimetal
Electrical connection	-	2-pole terminal(2,5 mm²)
Operating temperature limits	°C	-45 +70
Protection level EN60529	-	IP20
Mounting on clip for DIN bar	mm	35
Weight	g	40
Conformity	-	CE

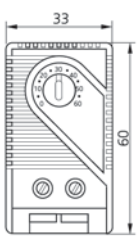
Accessories/Options		
Pack of 5 devices installation accessories for electric enclosures	-	AAWFT10

Thermostat
AAWTC10



Heating





ACCESSORIES

C16000385

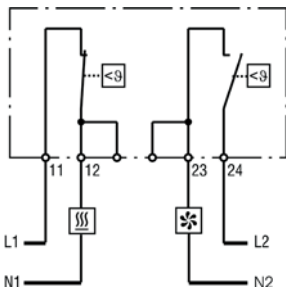
Twin Thermostat

Two thermostats in a single housing:
-one thermostat with contact normally closed for the regulation of heating appliances.
-one thermostat with contact normally open for the regulation of fans with filters or heat exchangers.

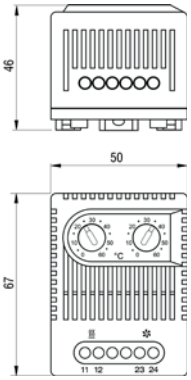
A version is also available with two normally open contacts.

Characteristics	M.U.	C16000385
Setting range	°C	0 +60 / 0 +60
Contact	-	NC/NO
Switch difference	K	7
Switching capacity (resistive load)	A	10
Max. tension	V	250 AC
Dimensions HxWxD	mm	67x50x46
Sensor element	-	Bimetal
Electrical connection	-	4-pole terminal (2,5 mm²)
Operating temperature limits	°C	-20 + 80
Protection level EN60529	-	IP20
Mounting on clip for DIN bar	mm	35
Weight	g	30
Conformity	-	CE

Accessories/Options		
Pack of 5 devices installation accessories for electric enclosures	-	AAWFT10



Wiring diagram



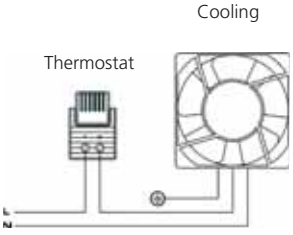
C16000395

Thermostat with fixed NO setting.

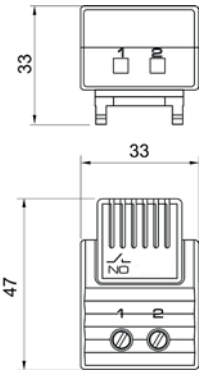
Closing contact/NO for the control of cooling equipment.

Characteristics	M.U.	C16000395
Contact	-	NO
Switching temperature	°C	Close +35 (± 4K) Open +25 (± 5K)
Switching capacity (resistive load)	A	5
Max. tension	V	240 AC
Dimensions HxWxD	mm	47x33x33
Sensor element	-	Bimetal
Electrical connection	-	2-pole terminal (2,5 mm²)
Operating temperature limits	°C	-20 + 80
Protection level EN60529	-	IP20
Mounting on clip for DIN bar	mm	35
Weight	g	23
Conformity	-	CE

Accessories/Options		
Pack of 5 devices installation accessories for electric enclosures	-	AAWFT10



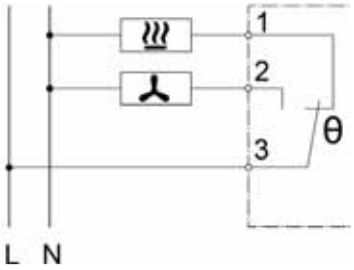
Wiring diagram



ACCESSORIES

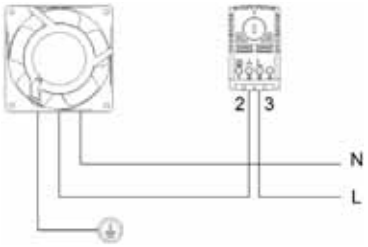
AAWTS10
Thermostat

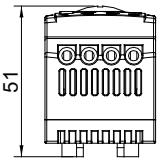
Thermostat with high current capacity exchange contact.



Cooling

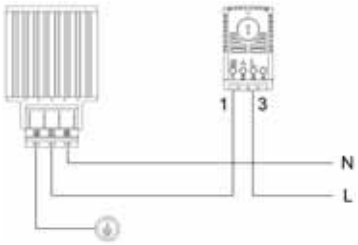
Thermostat AAWTS10

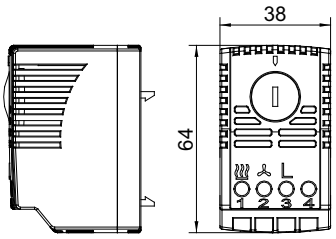




Heating

Thermostat AAWTS10





Characteristics	M.U.	AAWTS10
Setting range	°C	0-60
Switch difference	K	4,0
Contact	-	Change-over
Switching capacity (resistive load)	A	10
Max. tension	V	240 AC
Dimensions HxWxD	mm	64x38x51
Sensor element	-	Bimetal
Electrical connection	-	3-pole terminal (2,5 mm²)
Operating temperature limits	°C	-20 +80
Protection level EN60529	-	IP20
Mounting on clip for DIN bar	mm	35
Weight	g	50
Conformity	-	CE

Accessories/Options		
Pack of 5 devices installation accessories for electric enclosures	-	AAWFT10

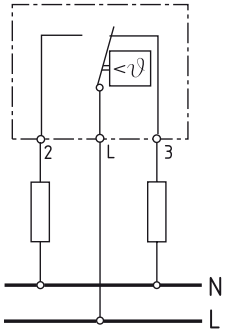
AAWHS10
Humidistat

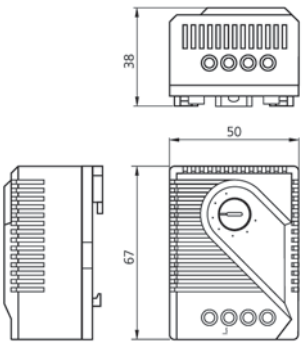
Humidistat that puts a stop to condensate forming which would otherwise damage the inside of the enclosure. It is used to control the anti-condensate heaters or dehumidifiers. It features a high switch power change-over contact.

Characteristics	M.U.	AAWHS10
Operating temperature limits	°C	0-60
Setting range	%RH	35-95
Switch difference at 50% RH	%RH	4
Contact	-	Change-over
Switching capacity (resistive load)	A	5
Max. tension	V	250 AC
Dimensions HxWxD	mm	67x50x38
Permissible air velocity	m/s	15
Electrical connection	-	3-pole terminal (2,5 mm²)
Storage temperature limits	°C	-20 +80
Protection level EN60529	-	IP20
Mounting on clip for DIN bar	mm	35
Weight	g	60
Conformity	-	CE

Accessories/Options		
Pack of 5 devices installation accessories for electric enclosures	-	AAWFT10

LOAD 2 = enclosure heating
LOAD 3 = humidifier



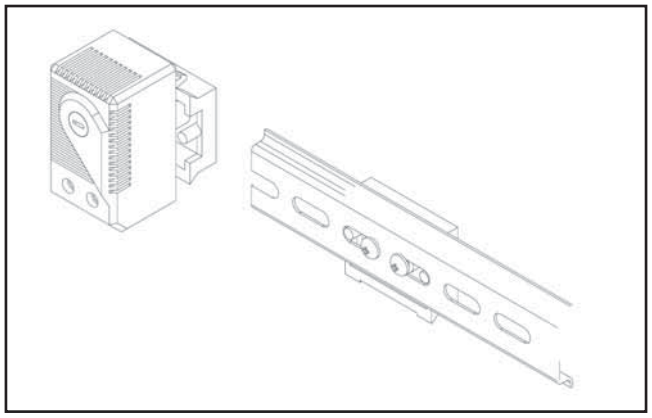


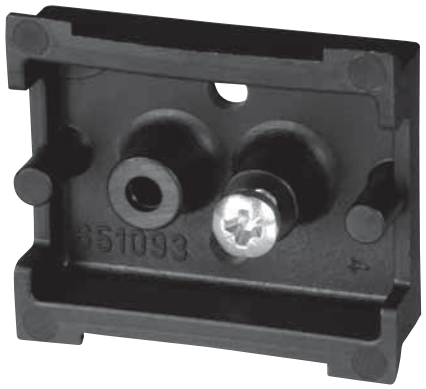
ACCESSORIES

AAWFT10

Devices installation accessory for electric enclosures

Plastic accessory for installing thermostats or other small devices inside electric enclosures. It is easy to apply with the adhesive strip with high anti-ageing characteristics and can support a continuous load up to 500 g. It can also be used for mounting the EN type omega bars.





Characteristics	M.U.	AAWFT10
Dimensions HxWxD	mm	38x43x14
Temperature limits	°C	-45 +70
Weight	g	12

C16000002

Thermostat

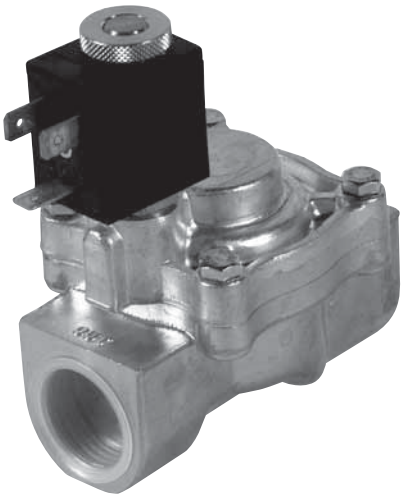
Temperature control thermostat with adjustable operating field between 20° and 46° C. The temperature is detected by gas bulb.

Characteristics	M.U.	C16000002
Setting range	°C	20-46
Switch difference	K	4,5
Switching capacity (inductive load)	A	2,5/250V
Dimensions HxWxD	mm	43,5x38x 34
Sensor element	-	Gas bulb
Electrical connection	-	Fastons 6,3x0,8mm

ACCESSORIES

C15000119/120
Solenoid valves

Two-way powered solenoid valves with NBR membrane seal and brass body. They are usually closed and control the water passage.



Characteristics	M.U.	C15000119	C15000120
Working temperature limits (fluid)	°C	-10 +90	-10 +90
Water flow rate (p 1 bar)*	l/min	40	90
Max. pressure	bar	18	16
Fitting type	"	G ½	G ¾

* p = differential pressure value

C16000140
Level switch

Level switch to control water level. The float lifting controls magnetically a NO hermetically-sealed contact inside the slide bar. The magnetic unit has placed inside float and doesn't come into contact with the liquid.

Characteristics	M.U.	C16000140
Max. temperature	°C	105
Max. pressure	bar	6
Contact	-	NO
Switching capacity	A	0,5
Max. tension	V	300
Dimensions	mm	L50 Ø25
Thread	"	G 1/8
Electric connection	-	Cable L=1m
Protection level EN60529	-	IP65

ACCESSORIES

AALGT10

LED-lamp with magnetic fixing

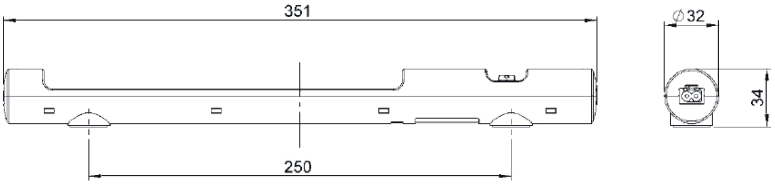
The AALGT10 led-lamp is suitable for all types of panels and enclosures, especially where space is limited.
The magnetic fixing, the integrated power unit, the input and out put snap-lock connectors make the installation flexible, quick and safe. It is possible to connect in series up to 10 lamps.
The led technology ensure a longer service life of the lamps.

Characteristics	M.U.	AALGT10
Operating voltage	V - Hz	100-240 V AC, 50/60 Hz (min. 90 V AC, max. 265 V AC)
Power consumption	W	Max. 5
Luminosity	Lm	290 Lm a 120° (870Lm at 360° or equivalent 75W light bulb)
Lamp type	-	LED, angle of radiation 120°
Service life	h	60.000 h a +20 °C (+68 °F)
Connection	-	2-pole connector with snap lock AC: max. 2,5 A / 240 V AC, color: white
Mounting	-	magnet fixing
Casing	-	Plastic, transparent
Dimensions	mm	351 x 34 x 32
Weight	g	200
Operating temperature	°C - °F	-30 °C ... +60 °C (-22 °F ... +140 °F)
Storage temperature	°C - °F	-40 °C ... +85 °C (-40 °F ... +185 °F)
Operating / Storage humidity	% RH	max. 90% RH (non-condensing)
Protection type/Protection class	IP	IP20 / II (double insulated)

Female connector
For power supply cable.

Male connector
Only for daisy chain connection (max. 10 lamps).

LED-lamp
AALGT10

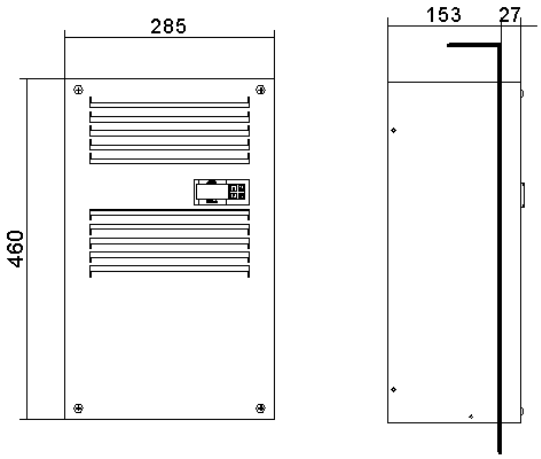



CLIMATE CONTROL
TEXA
SAVE THE OZONE

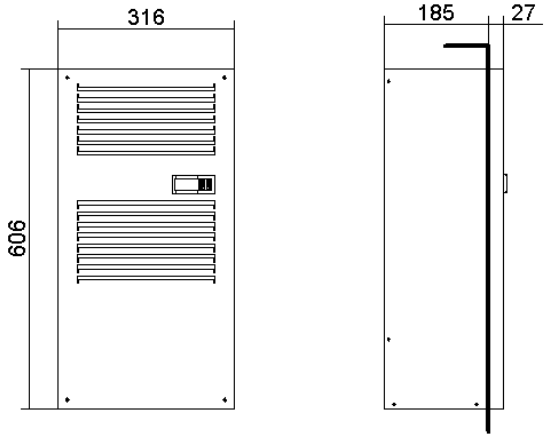
ACCESSORIES

Version “0” for Semi-recessed mounting

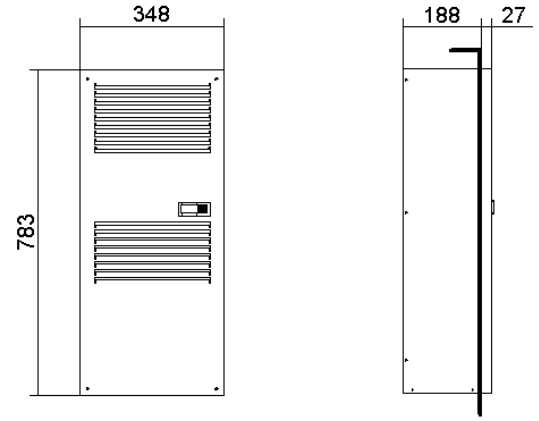
EGO04
Dimensions



EGO06
Dimensions



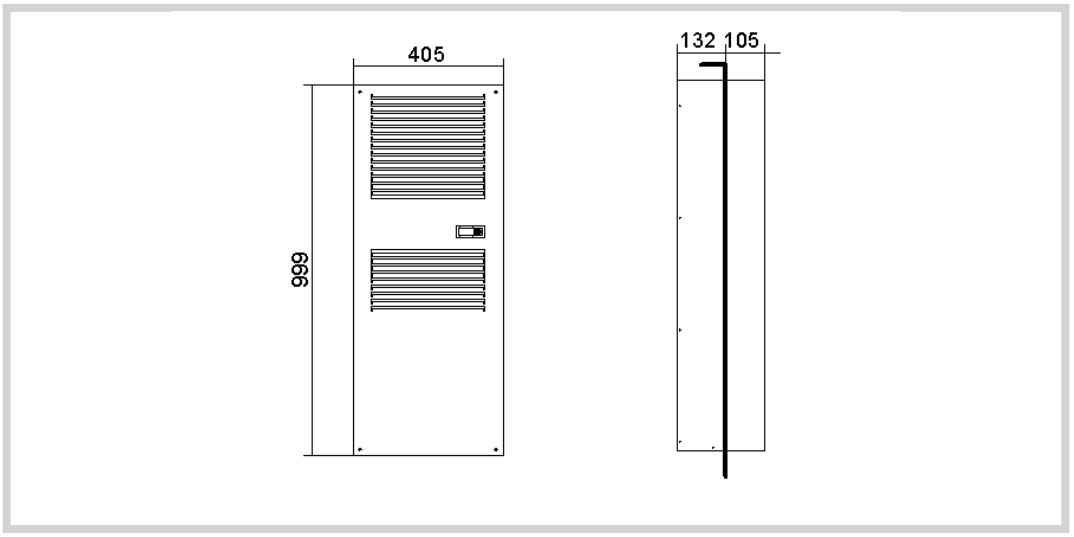
EGO08-10
Dimensions

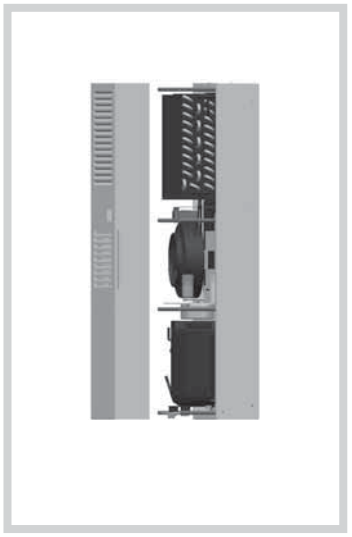


ACCESSORIES

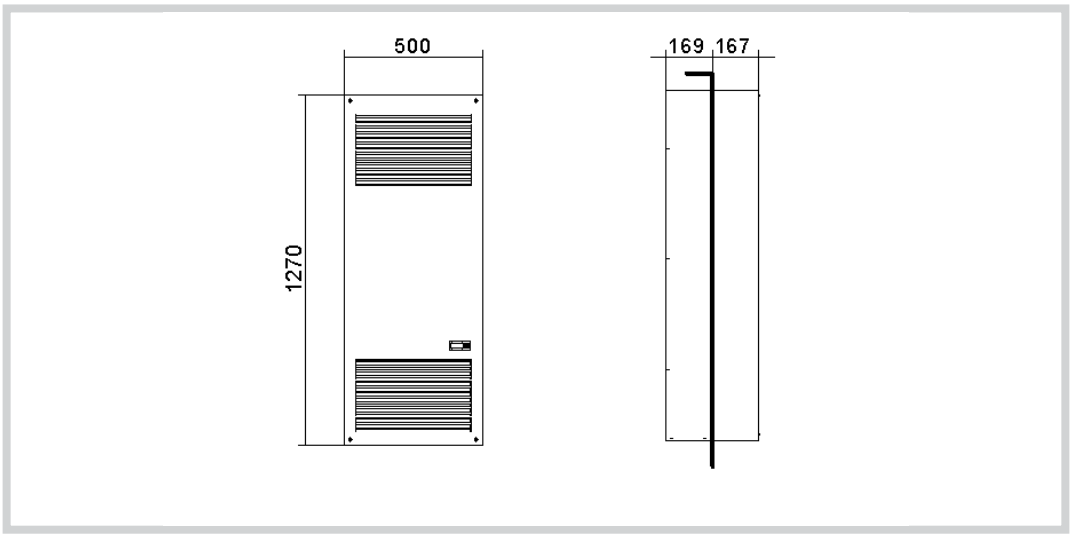
Version “0” for Semi-recessed mounting

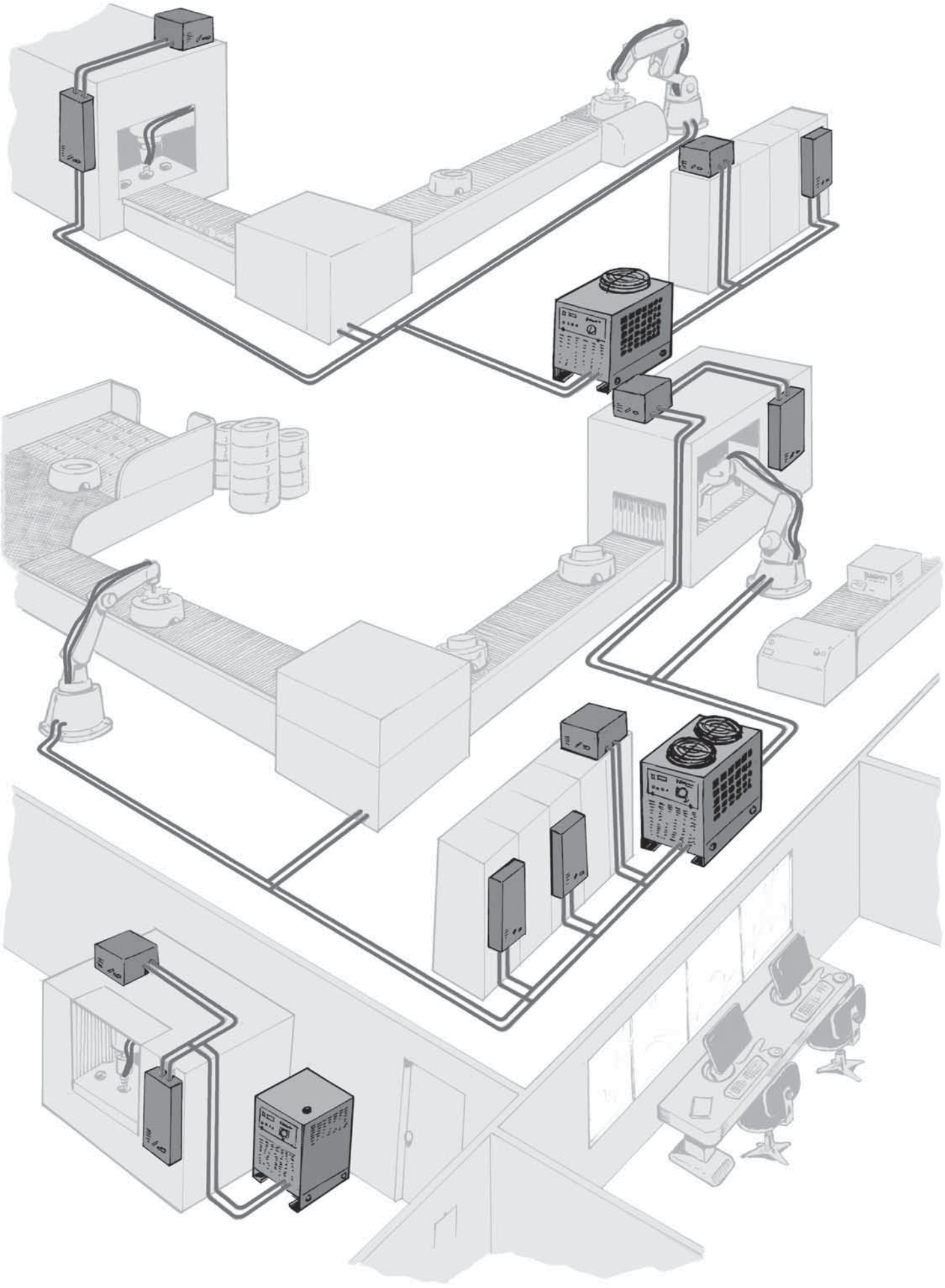
EGO12-16-20
Dimensions



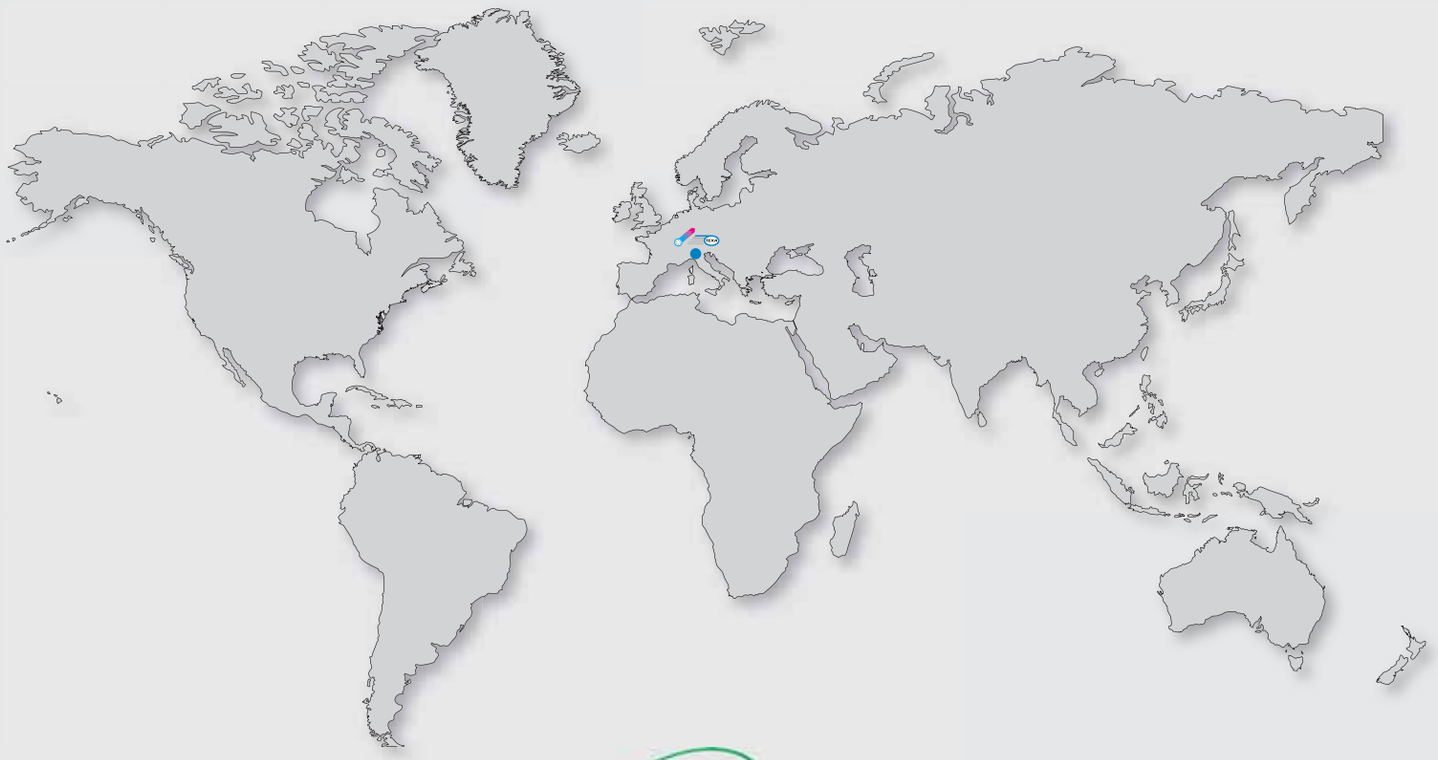


EGO30-40
Dimensions





Service



TEXA CLIMATE CONTROL

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