BLU

Air-water heat exchangers for door or wall and roof installation

High cooling power capacities with reduced unit sizes, completely free from scheduled maintenance. These are the main features of the BLU-BIT range, the best choice of air conditioner when working in extreme temperature environments with dust and oil contamination.

BLU-BIT

Air-water heat exchangers for door or wall and roof installation

WIDE RANGE OF POWER OUTPUTS

The range of cooling power outputs ranges from 1000 to 15000 W for the vertical range, while the roof range is represented by a 2500 W model.

NO SCHEDULED MAINTENANCE

The special layout of these machines means they do not require regular/scheduled maintenance (replacement of filters or cleaning of the heat exchanger) to guarantee full operation.

OPTIMISED PROTECTION OF THE CABINET

BLU/BIT heat exchangers, thanks to their innovative design combined with the correct application of the self-adhesive sealing gasket, guarantees IP55 ingress protection (EN 60529), meaning they are ideal for particularly contaminated outdoor environments.

ENVIRONMENTAL PROTECTION

BLU/BIT heat exchangers use water as the heat transfer medium. As this is a natural product, the environmental impact is guaranteed to be permanently low. Moreover, these machines are extremely quiet, contributing to help keep the noise level of the environments where they are installed low.

SUPPLY VOLTAGES

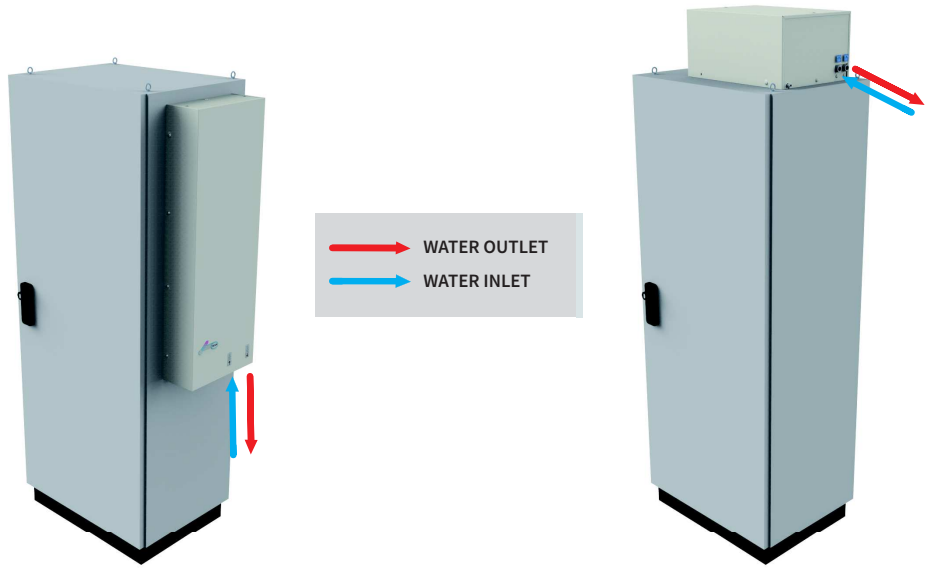
The supply voltages for cooling capacities up to 4500 W are 230V single phase and 115V single phase, both in 50-60Hz dual frequency. For higher power models, the available voltages are 230V single phase and 400/440V dual phase, both in 50-60Hz dual frequency.

PAINT/COATING

The standard colour is RAL 7035 textured. The coating is epoxy powder coating. On request, non-standard colours are also available. Stainless-steel versions are also available on request.

ACCESSORIES

In order to optimise the heat exchange on the basis of the temperature required inside the enclosure, avoid using water unnecessarily and allow correct condensate management, thermostats and/or level indicators can be incorporated to control an ON/OFF solenoid valve which will allow or inhibit the water flow.



Application tips

- These machines allow the relationship between cooling power and volume to be maximised.
- The air-water heat exchangers are ideal for particularly dirty environments thanks to their IP rating.
- In order to allow correct operation, it must be possible to connect to an existing water supply or else it must be possible to connect these machines to water chillers.
- BLU/BIT heat exchangers allow cooling of the cabinet interior to below the ambient temperature, which can be up to 70°C.
- When choosing the heat exchanger, keep a 10% margin over and above the most demanding operating conditions foreseen.
- Seal the cabinet well. The presence of any cracks would lead to excessive condensate production and would lower the protective effect of the heat exchanger when operating in particularly dirty environments.
- Always install the heat exchanger in the highest possible position of the cabinet in order to allow the air intake to draw in air of the highest possible temperature, optimising the heat exchange.
- When arranging the electrical/electronic layout, try to avoid blocking the air flow in order to prevent compromising the heat exchange.
- The heat exchanger power supply line must be protected with a time delay fuse or circuit breaker of suitable size on the basis of the unit's technical data.

BIT25

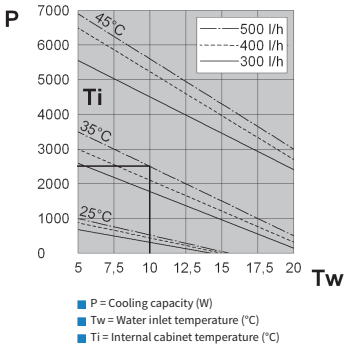
Air-water heat exchangers for roof installation

COOLING CAPACITY 2500 W

Features	UoM	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
T Fuse	A	2	2
Power draw - W10A35	W	65	67
Operating cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Type of Refrigerant	-	Water	Water
Max refrigeration circuit pressure	bar	10	10
Water connection	-	1/2"G	1/2"G
Air flow rate	m^3/h	750	750
Internal temperature range	°C	20-60	20-60
External temperature range	°C	1-70	1-70
IP rating EN60529	-	IP55	IP55
Noise level	dB (A)	58	58
Weight	kg	19	19
Colour	-	RAL 7035 embossed effect	
Conformity	-	CE	CE

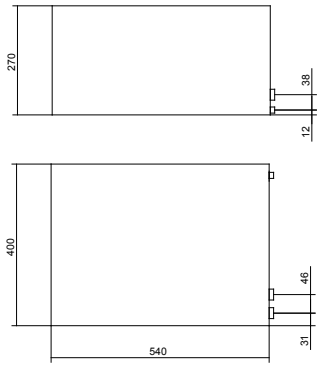
Accessories	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000119
Level indicator, NO	C16000140
External stainless-steel framework	
Coating in non-standard colour	

Performance



- P = Cooling capacity (W)
- Tw = Water inlet temperature (°C)
- Ti = Internal cabinet temperature (°C)

Dimensions



BLU10

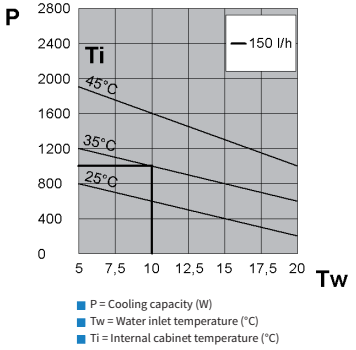
Air-water heat exchangers for door or wall installation

COOLING CAPACITY 1000 W

Features	UoM	BLU10BX0B	BLU10BXUB	BLU10CX0B
Cooling capacity - W10A35	W	1000	1000	1000
Water flow rate	l/h	150	150	150
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60
Width	mm	311	311	311
Height	mm	453	453	453
Depth	mm	115	115	115
Max current	A	0.17	0.20	0.38
T Fuse	A	2	2	2
Power draw - W10A35	W	29	34	25
Operating cycle	-	100%	100%	100%
Electrical connection		Cable L = 3 m	Cable L = 3 m	Cable L = 3 m
Type of Refrigerant	-	Water	Water	Water
Max refrigeration circuit pressure	bar	10	10	10
Water connection	-	3/8"G	3/8"G	3/8"G
Air flow rate	m^3/h	330	330	330
Internal temperature range	°C	20-60	20-60	20-60
External temperature range	°C	1-70	1-60	1-70
IP rating EN60529	-	IP55	IP55	IP55
Noise level	dB (A)	55	55	55
Weight	kg	12	12	12
Colour	-	RAL 7035 embossed effect		
Conformity	-	CE	CE cULus	CE

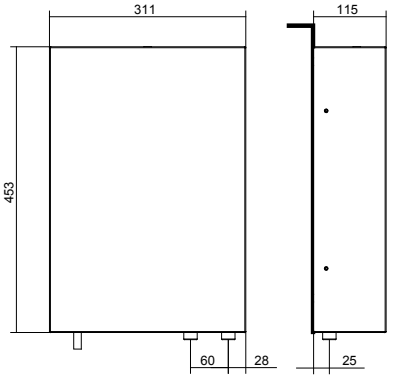
Accessories	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000777
Level indicator, NO	C16000140
External stainless-steel framework	
Coating in non-standard colour	

Performance



- P = Cooling capacity (W)
- Tw = Water inlet temperature (°C)
- Ti = Internal cabinet temperature (°C)

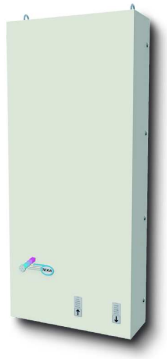
Dimensions



BLU18

Air-water heat exchangers for door or wall installation

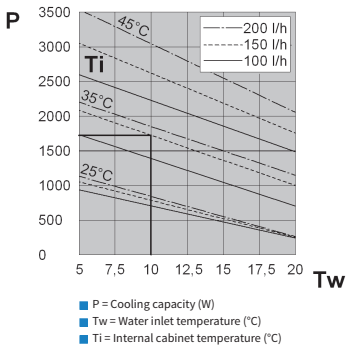
COOLING CAPACITY 1750 W



Features	UoM	BLU18BX0B	BLU18BXUB	BLU18CX0B
Cooling capacity - W10A35	W	1750	1750	1750
Water flow rate	l/h	150	150	150
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60
Width	mm	398	398	398
Height	mm	901	901	901
Depth	mm	137	137	137
Max current	A	0.36	0.30	0.76
T Fuse	A	2	2	2
Power draw - W10A35	W	75	60	77
Operating cycle	-	100%	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m	Cable L = 3 m
Type of Refrigerant	-	Water	Water	Water
Max water circuit pressure	bar	10	10	10
Water connection	-	1/2"G	1/2"G	1/2"G
Air flow rate	m^3/h	570	570	570
Internal temperature range	°C	20-60	20-60	20-60
External temperature range	°C	1-70	1-60	1-70
IP rating EN60529	-	IP55	IP55	IP55
Noise level	dB (A)	58	58	58
Weight	kg	18	18	18
Colour	-	RAL 7035 embossed effect		
Conformity	-	CE	CE cULus	CE

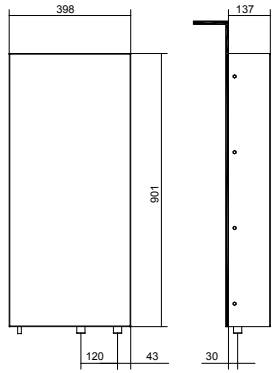
Accessories	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000119
Level indicator, NO	C16000140
External stainless-steel framework	
Coating in non-standard colour	

Performance



- P = Cooling capacity (W)
- Tw = Water inlet temperature (°C)
- Ti = Internal cabinet temperature (°C)

Dimensions



BLU25

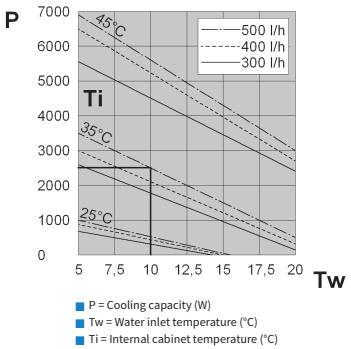
Air-water heat exchangers for door or wall installation

COOLING CAPACITY 2500 W

Features	UoM	BLU25BX0B	BLU25BXUB	BLU25CX0B
Cooling capacity - W10A35	W	2500	2500	2500
Water flow rate	l/h	500	500	500
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60
Width	mm	398	398	398
Height	mm	901	901	901
Depth	mm	137	137	137
Max current	A	0.33	0.60	0.74
T Fuse	A	2	2	2
Power draw - W10A35	W	80	100	82
Operating cycle	-	100%	100%	100%
Electrical connection		Cable L = 3 m	Cable L = 3 m	Cable L = 3 m
Type of Refrigerant	-	Water	Water	Water
Max refrigeration circuit pressure	bar	10	10	10
Water connection	-	1/2"G	1/2"G	1/2"G
Air flow rate	m^3/h	860	860	860
Internal temperature range	°C	20-60	20-60	20-60
External temperature range	°C	1-70	1-60	1-70
IP rating EN60529	-	IP55	IP55	IP55
Noise level	dB (A)	58	58	58
Weight	kg	19	19	19
Colour	-	RAL 7035 embossed effect		
Conformity	-	CE	CE cULus	CE

Accessories	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000119
Level indicator, NO	C16000140
External stainless-steel framework	
Coating in non-standard colour	

Performance



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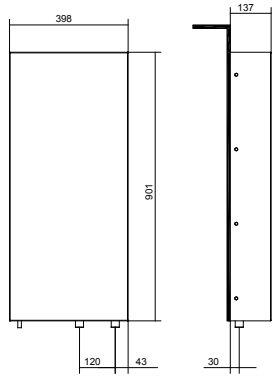
- Tw = Water inlet temperature (°C)
- Ti = Internal cabinet temperature (°C)

Dimensions



BLU35

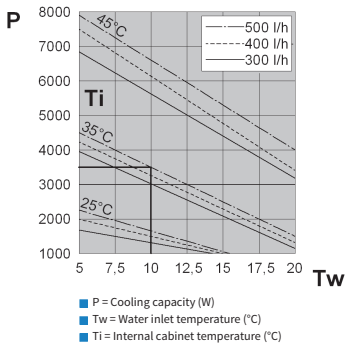
Air-water heat exchangers for door or wall installation

COOLING CAPACITY 3500 W

Features	UoM	BLU35BX0B	BLU35BXUB	BLU35CX0B
Cooling capacity - W10A35	W	3500	3500	3500
Water flow rate	l/h	500	500	500
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60
Width	mm	398	398	398
Height	mm	1148	1148	1148
Depth	mm	163	163	163
Max current	A	0.55	0.80	1.12
T Fuse	A	2	2	2
Power draw - W10A35	W	130	140	135
Operating cycle	-	100%	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m	Cable L = 3 m
Type of Refrigerant	-	Water	Water	Water
Max liquid circuit pressure	bar	10	10	10
Water connection	-	1/2"G	1/2"G	1/2"G
Air flow rate	m^3/h	1050	1050	1050
Internal temperature range	°C	20-60	20-60	20-60
External temperature range	°C	1-70	1-60	1-70
IP rating EN60529	-	IP55	IP55	IP55
Noise level	dB (A)	64	64	64
Weight	kg	29	29	29
Colour	-	RAL 7035 embossed effect		
Conformity	-	CE	CE cULus	CE

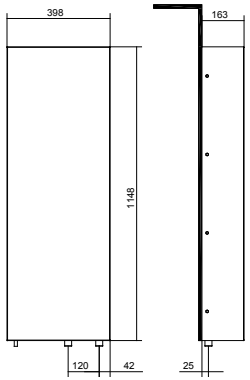
Accessories	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000119
Level indicator, NO	C16000140
External stainless-steel framework	
Coating in non-standard colour	

Performance



- P = Cooling capacity (W)
- Tw = Water inlet temperature (°C)
- Ti = Internal cabinet temperature (°C)

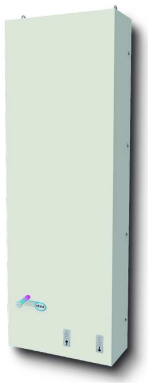
Dimensions



BLU45

Air-water heat exchangers for door or wall installation

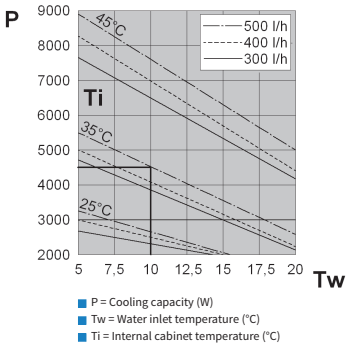
COOLING CAPACITY 4500 W



Features	UoM	BLU45BX0B	BLU45BXUB	BLU45CX0B
Cooling capacity - W10A35	W	4500	4500	4500
Water flow rate	l/h	500	500	500
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60
Width	mm	398	398	398
Height	mm	1148	1148	1148
Depth	mm	163	163	163
Max current	A	0.71	1.20	1.50
T Fuse	A	2	4	4
Power draw - W10A35	W	160	220	170
Operating cycle	-	100%	100%	100%
Electrical connection		Cable L = 3 m	Cable L = 3 m	Cable L = 3 m
Type of Refrigerant	-	Water	Water	Water
Max refrigeration circuit pressure	bar	10	10	10
Water connection	-	1/2"G	1/2"G	1/2"G
Air flow rate	m^3/h	1450	1450	1450
Internal temperature range	°C	20-60	20-60	20-60
External temperature range	°C	1-70	1-60	1-70
IP rating EN60529	-	IP55	IP55	IP55
Noise level	dB (A)	69	69	69
Weight	kg	30	30	30
Colour	-	RAL 7035 embossed effect		
Conformity	-	CE	CE cULus	CE

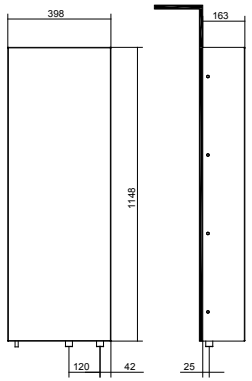
Accessories	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000119
Level indicator, NO	C16000140
External stainless-steel framework	
Coating in non-standard colour	

Performance



- P = Cooling capacity (W)
- Tw = Water inlet temperature (°C)
- Ti = Internal cabinet temperature (°C)

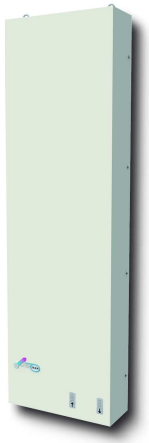
Dimensions



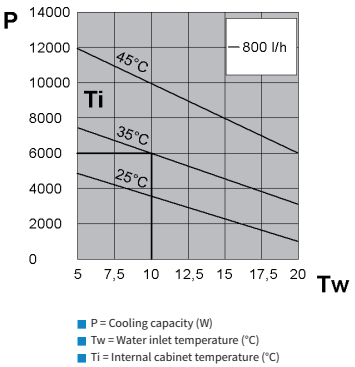
BLU60

Air-water heat exchangers for door or wall installation

COOLING CAPACITY | **6000 W**



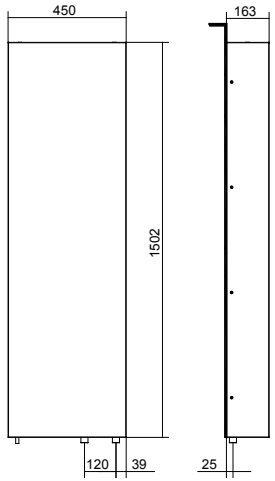
Performance



- P = Cooling capacity (W)
- Tw = Water inlet temperature (°C)
- Ti = Internal cabinet temperature (°C)

Features	UoM	BLU60BX0B	BLU60BXUB	BLU60CX0B	BLU60GX0B
Cooling capacity - W10A35	W	6000	6000	6000	6000
Water flow rate	l/h	800	800	800	800
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	450	450	450	450
Height	mm	1502	1502	1502	1502
Depth	mm	163	163	163	163
Max current	A	0.71	1.20	1.50	0.40
T Fuse	A	2	4	4	1
Power draw - W10A35	W	160	220	170	170
Operating cycle	-	100%	100%	100%	100%
Electrical connection		Cable L = 3 m	Cable L = 3 m	Cable L = 3 m	Cable L = 3 m
Type of Refrigerant	-	Water	Water	Water	Water
Max liquid circuit pressure	bar	10	10	10	10
Water connection	m^3/h	1/2"G	1/2"G	1/2"G	1/2"G
Air flow rate	-	1450	1450	1450	1450
Internal temperature range	°C	20-60	20-60	20-60	20-60
External temperature range	°C	1-70	1-60	1-70	1-70
EN60529 ingress protection - cabinet side	-	IP55	IP55	IP55	IP55
Noise level	dB (A)	69	69	69	69
Weight	kg	40	40	40	42
Colour	-	RAL 7035 embossed effect			
Conformity	-	CE	CE cULus	CE	CE

Dimensions

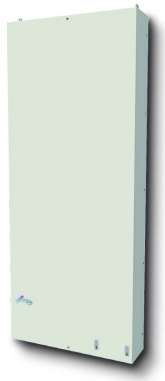


Accessories	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000119
Level indicator, NO	C16000140
External stainless-steel framework	
Coating in non-standard colour	

BLUA0

Air-water heat exchangers for door or wall installation

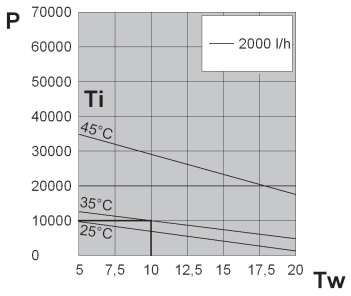
COOLING CAPACITY 10000 W



Features	UoM	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	1.90	1.10
T Fuse	A	4	2
Power draw EN14511 - A35A35	W	420	440
Operating cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Type of Refrigerant	-	Water	Water
Max refrigeration circuit pressure	bar	10	10
Water connection	-	3/4"G	3/4"G
Air flow rate	m^3/h	2900	2900
Internal temperature range	°C	20-60	20-60
External temperature range	°C	1-70	1-70
IP rating EN60529	-	IP55	IP55
Noise level	dB (A)	70	70
Weight	kg	90	90
Colour	-	RAL 7035 embossed effect	
Conformity	-	CE	CE

Accessories	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000120
Level indicator, NO	C16000140
External stainless-steel framework	
Coating in non-standard colour	

Performance



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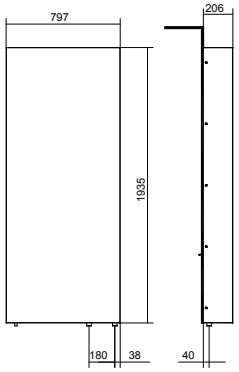
- Tw = Water inlet temperature (°C)
- Ti = Internal cabinet temperature (°C)

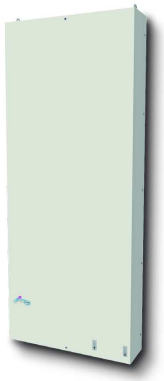
Dimensions



BLUA5

Air-water heat exchangers for door or wall installation

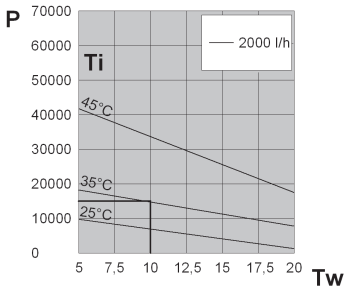
COOLING CAPACITY 15000 W



Features	UoM	BLUA5BX0B	BLUA5GX0B
Cooling capacity - W10A35	W	15000	15000
Water capacity	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	1.90	1.10
T Fuse	A	4	2
Power draw - W10A35	W	420	440
Operating cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Type of Refrigerant	-	Water	Water
Max liquid circuit pressure	bar	10	10
Water connection	-	3/4"G	3/4"G
Air flow rate	m^3/h	2900	2900
Internal temperature range	°C	20-60	20-60
External temperature range	°C	1-70	1-70
IP rating EN60529	-	IP55	IP55
Noise level	dB (A)	72	70
Weight	kg	92	92
Colour	-	RAL 7035 embossed effect	
Conformity	-	CE	CE

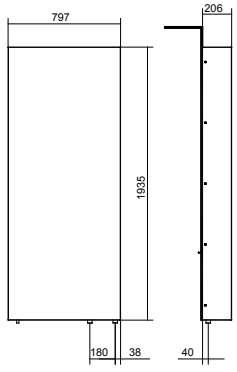
Accessories	
Thermostat 20-46°C, gas bulb 15A	C16000002
Solenoid valve, NC	C15000120
Level indicator, NO	C16000140
External stainless-steel framework	
Coating in non-standard colour	

Performance



- P = Cooling capacity (W)
- Tw = Water inlet temperature (°C)
- Ti = Internal cabinet temperature (°C)

Dimensions



MIX

Air-air heat exchangers

High heat exchange efficiency and compact size. The MIX range is the most cost-effective solution for cooling cabinets in favourable ambient conditions.

MIX

Air-air heat exchangers

WIDE RANGE OF SPECIFIC POWER OUTPUTS

The specific thermal power outputs range from 22 to 80 W/K, covering most requirements for these products.

FLEXIBILITY AND SPEED OF INSTALLATION

All heat exchangers in the MIX range can be installed both inside and outside the cabinet as both a rear exit and a side exit for electrical connections is provided for. The simple drilling to be performed on the panel allows for a quick installation with the supplied accessory kit.

FAST, REDUCED MAINTENANCE

MIX heat exchangers are equipped with heat exchange coils which prevent clogging by solid contaminants present in the air and which maintain high thermal exchange efficiency even in demanding environmental conditions, minimising maintenance requirements. The remaining maintenance required has been designed to allow easy removal both of the fans and the heat exchanger coil to ensure quick and safe operations.

MAXIMUM HEAT REMOVAL

Air intake from the upper part of the cabinet, countercurrent flows and high-efficiency heat exchanger surfaces determine the most rational implementation for these products which result in the removal of the maximum amount of heat.

OPTIMISED PROTECTION OF THE CABINET

The monobloc implementation of the heat exchanger surfaces and the application of suitable seals ensures that the cabinet retains IP54 ingress protection.

RATIONAL DESIGN

All MIX heat exchangers are designed to minimise operating costs by optimising the heat exchange. Overload protection is also guaranteed by appropriate devices.

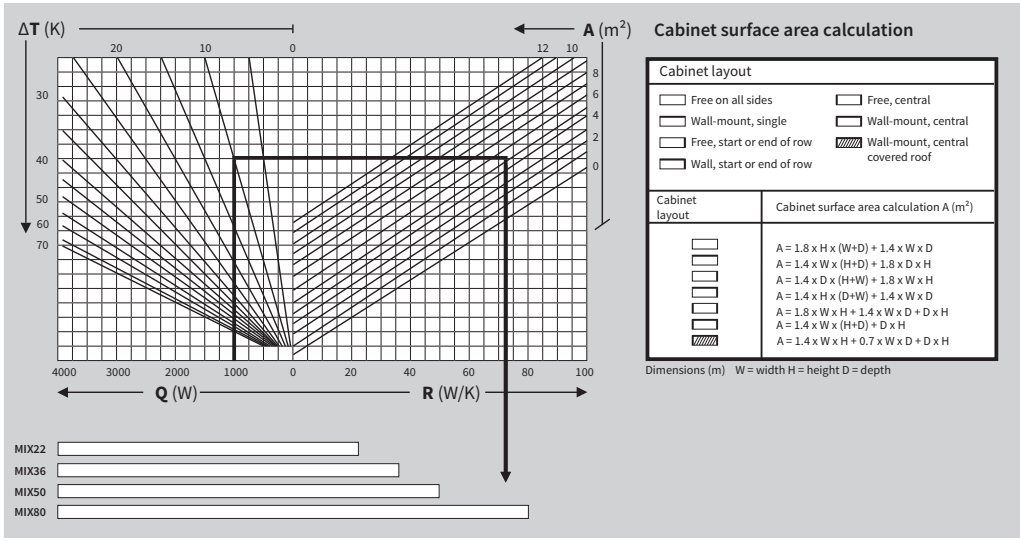
SUPPLY VOLTAGES

All versions are available with 230V single phase or 115V single phase power supply as standard, both in 50-60 Hz dual frequency. DC versions or two-phase AC versions are available on request.

PAINT/COATING

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

Air-air heat exchanger selection diagram



Cabinet surface area calculation

Cabinet layout

- Free on all sides
- Wall-mount, single
- Free, start or end of row
- Wall, start or end of row
- Free, central
- Wall-mount, central
- Wall-mount, central covered roof

Cabinet layout	Cabinet surface area calculation 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 = Heat output to dissipate
R = Specific cooling power
ΔT = Temperature differential
A = Cabinet surface area

Example:

Dissipated power	1000 W
Temperature differential	10 K
Cabinet surface area	5 m²

} Unit chosen **MIX80**

Application tips

- If the outside air temperatures are much lower than the internal temperature required for the cabinet, air-air heat exchangers from the MIX range are advisable, particularly if the air outside the cabinet contains contaminants such as emulsions, powders or chemical substances which must not enter the cabinet under any circumstances.
- When choosing a heat exchanger, keep a margin of safety of at least 10%, taking the most demanding conditions of operation into account.
- Seal the cabinet thoroughly as any cracks or other openings would reduce the level of protection offered by the heat exchanger.
- Install the heat exchanger on the door or the wall, but always in the highest possible position in order to ensure that air is taken in from the top part of the cabinet, where a high temperature area is created. This solution is essential to obtain the maximum performance from the heat exchanger.
- Always try to facilitate the air flow inside the electrical cabinet when designing the layout of the components by preventing any obstructions in the air inlet-outlet areas. Moreover, components with internal ventilation of their own must have their air flow arranged so as to not impede the air flow of the air conditioner.
- The standard version of the heat exchanger has no equipment for controlling the interior cabinet temperature: if your equipment must work within a specific temperature range, or you simply wish to save energy, choose the version with adjustable thermostat.

MIX22

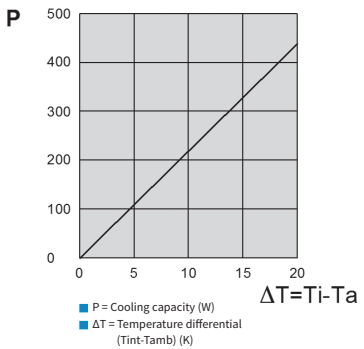
Air-air heat exchangers

SPECIFIC COOLING POWER | **22 W/K**

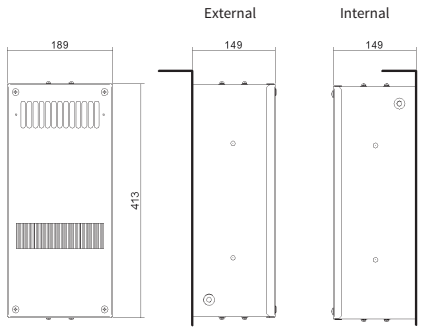
Accessories	
Thermostat 0-60°C, normally open, 10A	AAFTO12
Thermostat 5-60°C, change-over contact, 10A	AAWTS10
External stainless-steel framework	
Coating in non-standard colour	

Features	UoM	MIX22BX0B	MIX22CX0B
Specific cooling power	W/K	22	22
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Width	mm	189	189
Height	mm	413	413
Depth	mm	149	149
Max current	A	0.5	0.96
T Fuse	A	1	2
Power draw	W	72	80
Operating cycle	-	100%	100%
External air fan capacity	m^3/h	280	280
Cabinet air fan capacity	m^3/h	280	280
Temperature limits	°C	-5+55	-5+55
EN60529 ingress protection - cabinet side	-	IP54	IP54
Noise level	dB (A)	59	60
Weight	kg	7	7
Colour	-	RAL 7035 embossed effect	
Conformity	-	CE	CE

Performance



Dimensions



MIX36

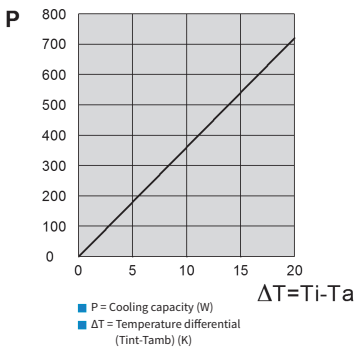
Air-air heat exchangers

SPECIFIC COOLING POWER | **36 W/K**

Accessories	
Thermostat 0-60°C, normally open, 10A	AAFTO12
Thermostat 5-60°C, change-over contact, 10A	AAWTS10
External stainless-steel framework	
Coating in non-standard colour	

Features	UoM	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	103	103
Max current	A	0.64	1.12
T Fuse	A	1	2
Power draw	W	140	150
Operating cycle	-	100%	100%
External air fan capacity	m^3/h	570	570
Cabinet air fan capacity	m^3/h	570	570
Temperature limits	°C	-5+55	-5+55
EN60529 ingress protection - cabinet side	-	IP54	IP54
Noise level	dB (A)	67	67
Weight	kg	10	10
Colour	-	RAL 7035 embossed effect	
Conformity	-	CE	CE

Performance



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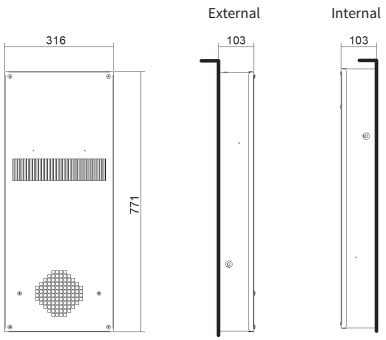


MIX50

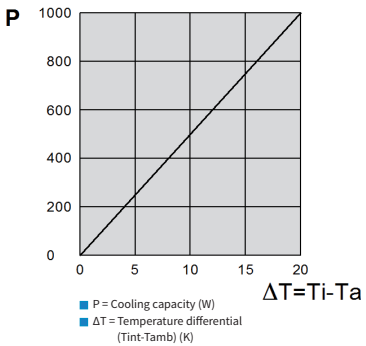
Air-air heat exchangers

SPECIFIC COOLING POWER | **50 W/K**

Accessories	
Thermostat 0-60°C, normally open, 10A	AAFTO12
Thermostat 5-60°C, change-over contact, 10A	AAWTS10
External stainless-steel framework	
Coating in non-standard colour	

Features	UoM	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	103	103
Max current	A	0.64	1.12
T Fuse	A	1	2
Power draw	W	140	150
Operating cycle	-	100%	100%
External air fan capacity	m^3/h	600	600
Cabinet air fan capacity	m^3/h	600	600
Temperature limits	°C	-5+55	-5+55
EN60529 ingress protection - cabinet side	-	IP54	IP54
Noise level	dB (A)	67	67
Weight	kg	10	10
Colour	-	RAL 7035 embossed effect	
Conformity	-	CE	CE

Performance



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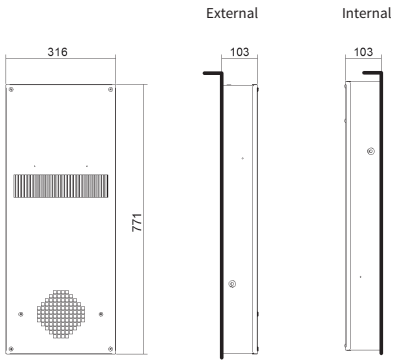


MIX80

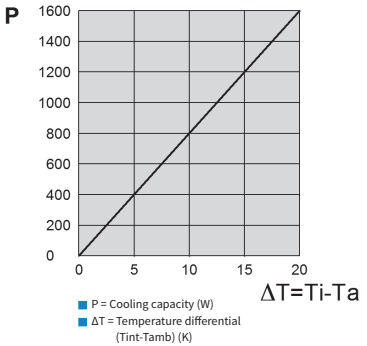
Air-air heat exchangers

SPECIFIC COOLING POWER | **80 W/K**

Accessories	
Thermostat 0-60°C, normally open, 10A	AAFTO12
Thermostat 5-60°C, change-over contact, 10A	AAWTS10
External stainless-steel framework	
Coating in non-standard colour	

Features	UoM	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	148	148
Max current	A	1.06	2.1
T Fuse	A	2	4
Power draw	W	240	255
Operating cycle	-	100%	100%
External air fan capacity	m^3/h	1050	1050
Cabinet air fan capacity	m^3/h	1050	1050
Temperature limits	°C	-5+55	-5+55
EN60529 ingress protection - cabinet side	-	IP54	IP54
Noise level	dB (A)	75	75
Weight	kg	17	17
Colour	-	RAL 7035 embossed effect	
Conformity	-	CE	CE

Performance



Dimensions