



Texa EGO

Wall Mounted Air Conditioners

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Texa EGO

Wall Mounted Air Conditioners

brenclosures.com.au/ego.htm



Texa EGO Features

- Surface or semi-recessed mount (with optional kit)
- Ozone friendly R134a or R407C
- Electronic thermostat
- Approvals - CE
- Materials
 - Mild steel powdercoated
- Surface finish - powdercoated
- Protection rating - IP54

The Texa EGO range are wall mounted enclosure air conditioners available with cooling powers from 300W to 10kW. Cooling surfaces are

designed to prevent fouling from the outside environment and can even work without a filter on the external air intake, which minimises maintenance.

Inclusions

All fixings required for assembly, electronic controller (TX-C16000106).

Electronic Controller Features

- Temperature control with ON/OFF adjustment
- Display showing temperature inside the enclosure
- Signalling of problems (max or min temperature)
- Ability to switch the compressor off if the door is opened
- Compressor protection (limits closely spaced starts)
- Digital input for signalling of external alarms
- Ability to interface with PLC's

EGO Selection Guide - 115V

Catalogue No	Cooling (W)	Power Supply (V/Ph/Hz)	Dimensions (mm)		
			Height	Width	Depth
TX-EGO04CM1A*	380	115/1/50-60	460	285	215
TX-EGO06CM1A*	640	115/1/50-60	606	316	254
TX-EGO08CM1A*	820	115/1/50-60	783	348	257
TX-EGO10CM1A*	1000	115/1/50-60	783	348	257
TX-EGO12CM1A*	1250	115/1/50-60	999	405	237
TX-EGO16CM1A*	1600	115/1/50-60	999	405	237
TX-EGO20CM1A*	2000	115/1/50-60	999	405	237

* Available on request

EGO Selection Guide - 240V

Catalogue No	Cooling (W)	Power Supply (V/Ph/Hz)	Dimensions (mm)		
			Height	Width	Depth
TX-EGOS3BT1A*	300	230/1/50-60	340	525	135
TX-EGO04BM1A	380	230/1/50-60	460	285	180
TX-EGO06BM1A	640	230/1/50-60	606	316	212
TX-EGO08BM1A	820	230/1/50-60	783	348	215
TX-EGO10BM1A	1000	230/1/50-60	783	348	215
TX-EGO12BM1A	1250	230/1/50-60	999	405	237
TX-EGO16BM1A	1600	230/1/50-60	999	405	237
TX-EGO20BM1A	2000	230/1/50-60	999	405	237
TX-EGO30BM1A*	2900	230/1/50-60	1270	500	336
TX-EGO40BM1A*	3850	230/1/50-60	1270	500	336

* Available on request

EGO Selection Guide - 400V to 460 V

Catalogue No	Cooling (W)	Power Supply (V/Ph/Hz)	Dimensions (mm)		
			Height	Width	Depth
TX-EGO06GM1A*	640	400-440/2/50-60	606	316	270
TX-EGO08GM1A*	820	400-440/2/50-60	783	348	273
TX-EGO10GM1A*	1000	400-440/2/50-60	783	348	273
TX-EGO12GM1A*	1250	400-440/2/50-60	999	405	237
TX-EGO16GM1A*	1600	400-440/2/50-60	999	405	237
TX-EGO20LM1A	2000	400/3/50-60	999	405	237
TX-EGO30LM1A	2900	400/3/50-60	1270	500	336
TX-EGO40LM1A	3850	400/3/50-60	1270	500	336
TX-EGO60MMEQ*	5800	400/3/50	2000	600	380
TX-EGO60NMEQ*	6050	460/3/60	2000	600	380
TX-EGO80MMEQ*	7600	400/3/50	2000	800	380
TX-EGO80NMEQ*	7950	460/3/60	2000	800	380
TX-EGO A0MMEQ*	9400	400/3/50	2000	800	380
TX-EGO A0NMEQ*	9850	460/3/60	2000	800	380

* Available on request

EGO Wall Mounted Air Conditioners

Quick and flexible assembly, reliability, minimal maintenance and optimum design are the criteria used to guide the construction of the EGO series cooling unit. The EGO series is TEXA's response to the requirements of the most demanding user.

A Wide Power Range

With a range of cooling powers available from 300 to over 10,000W, the EGO series is an extremely compact package, covering the majority of applications for cooling electrical enclosures.

Simple Installation

Installation is very quick and easy thanks to the simple cutout design and drilling template. All the assembly elements are included in the cooling unit packaging, so there are no hidden extras. The EGO series is designed to ensure easy and safe wiring with the terminal board located at the back of the unit.

Ideal Enclosure Cooling

Air from the enclosure is removed from the top, cooled inside the cooling unit and expelled back into the enclosure in a low energy jet aimed towards the base. This ensures optimum cooling of the whole panel and prevents any hot spots in the electronics protected by the cooler.

Minimised Maintenance

All the cooling surfaces 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. The cooling units are designed to work without a filter on the external air intake.

Safeguarding the Environment

Great attention has been taken to limit the noise level produced by the EGO units. This was one of the most important criteria when designing the range, and helps to ensure a quiet working environment. To further protect the environment all cooling units use the CFC-free, ozone-friendly Refrigerant R134a or R407C.

Optimum Enclosure Protection

Thanks to the special internal configuration of the EGO series, which keeps the flow of outside air separate and sealed from the inside air, and to the self adhesive coupling seal, the EGO cooling units allow enclosures to maintain an IP54 protection level.

Supply Voltage

EGO cooling units are available for mains AC supply voltages of 230V single phase, 400-440V two phase (in the case of voltage between lines when there is no neutral), 115V single phase and 400-460V three phase. All supplies are bi-frequency (50-60Hz), except the 3 phase units which are supplied at 50 or 60Hz depending on the requirements of the location. On request and for larger quantities other voltages can also be supplied.

Paint Finish

RAL7032 epoxy paint is the standard finish used on all EGO air conditioners. On request other colours and materials such as stainless steel can be supplied.



Application Tips

- When selecting a cooling unit, maintain a safety margin of at least 10% on the rated power of the most difficult conditions.
- Seal the enclosure well. Cracks or openings will cause the cooling units capacity to drop considerably, and may cause excessive condensation to form.
- Install the cooling unit on the door or wall, but always as high up as possible, so that the air is taken from the top of the enclosure where it is at its hottest.
- The cooling unit is set at a temperature of 35°C, which is the optimum temperature for the majority of applications. Unless it is absolutely necessary, do not reduce the temperature further, as the efficiency of the unit is optimised for 35°C, and condensation may form.
- Arrange the electronic components inside the enclosure in such a way as 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 ventilation system must have a flow pattern which does not hinder the cooling units flow.
- Switch the cooling unit off, if the enclosure doors are opened. This is to prevent excessive production of condensate. To this end, installing a limit switch on the door is a good option.
- The line supplying electricity to the cooling unit must be protected by a delay fuse or circuit breaker suitably rated according to the units technical data.

Quick Selection Guide

Cooling capacity (W)	300		380		640		820	
Dimensions	H	340	450		605		783	
	W	525	285		306		348	
	D	135	176		209		213	
Power Supply V/ph/Hz	230/1/50-60	230/1/50-60	115/1/50-60	230/1/50-60	115/1/50-60	400-440/2/50-60	230/1/50-60	115/1/50-60
Catalogue Number	TX-EGOS3BT1B	TX-EGO04BM1A	TX-EGO04CM1A	TX-EGO06BM1A	TX-EGO06CM1A	TX-EGO06GM1A	TX-EGO08BM1A	TX-EGO08CM1A
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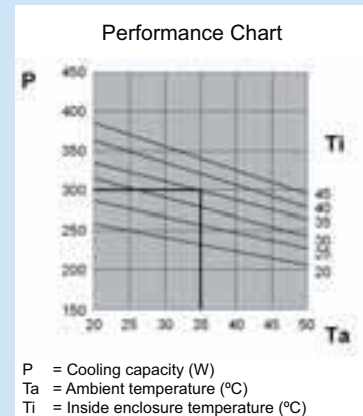
Cooling capacity (W)	820		1000		1250		1600	
Dimensions	H	783	783		1003		1003	
	W	348	348		406		406	
	D	213	213		237		237	
Power Supply V/ph/Hz	400-440/2/50-60	230/1/50-60	115/1/50-60	400-440/2/50-60	230/1/50-60	115/1/50-60	400-440/2/50-60	230/1/50-60
Catalogue Number	TX-EGO08GM1A	TX-EGO10BM1A	TX-EGO10CM1A	TX-EGO10GM1A	TX-EGO12BM1A	TX-EGO12CM1A	TX-EGO12GM1A	TX-EGO16BM1A
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Cooling capacity (W)	1600		2000		2900		3850	
Dimensions	H	1003	1003		1265		1265	
	W	406	406		535		535	
	D	237	237		335		335	
Power Supply V/ph/Hz	115/1/50-60	400-440/2/50-60	230/1/50-60	115/1/50-60	400/3/50-60	230/1/50-60	400/3/50-60	230/1/50-60
Catalogue Number	TX-EGO16CM1A	TX-EGO16GM1A	TX-EGO20BM1A	TX-EGO20CM1A	TX-EGO20LM1A	TX-EGO30BM1A	TX-EGO30LM1A	TX-EGO40BM1A
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Cooling capacity (W)	3850	5800	6050	7600	7950	10000	10450
Dimensions	H	1265	2000		2000		2000
	W	535	600		800		800
	D	335	380		380		380
Power Supply V/ph/Hz	400/3/50-60	400/3/50	460/3/60	400/3/50	460/3/60	400/3/50	460/3/60
Catalogue Number	TX-EGO40LM1A	TX-EGO60MMEQ	TX-EGO60NMEQ	TX-EGO80MMEQ	TX-EGO80NMEQ	TX-EGOA0MMEQ	TX-EGOA0NMEQ
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EGOS3

Cooling Capacity 300W

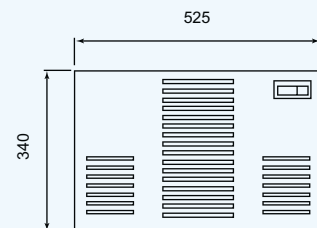


Characteristics	M.U.	TX-EGOS3BT1B
Cooling capacity EN814 - A35A35	W	300
Cooling capacity EN814 - A35A50	W	150
Power supply	V ~ Hz	230 1~ 50-60
Height	mm	340
Width	mm	525
Depth	mm	135
Max. Current	A	1.5
Inrush current	A	4.2
Fuse T	A	4
Absorbed electric power EN814 - A35A35	W	270
Absorbed electric power EN814 - A35A5 0	W	310
Duty cycle	-	100%
Electrical connection	-	Terminal board
Refrigerant R134a	kg	0.16
Cooling circuit max. pressure	bar	25
External fan air flow	m ³ /h	280
Enclosure fan air flow	m ³ /h	280
Internal temperature range	°C	20-46
Temperature setting (set at 35°C)	-	Internal thermostat
External temperature range	°C	20-55*
Protection level EN60529 - enclosure side	-	IP54
Protection level EN60529 - ambient side	-	IP34
Noise level	dB (A)	61
Weight	kg	14
Conformity	-	CE
Colour	-	RAL 7032 ripple

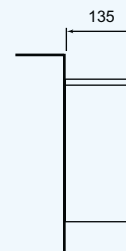
* 50°C at 60 Hz

Accessories / Options	
Electronic controller	TX-C16000117

Front Elevation

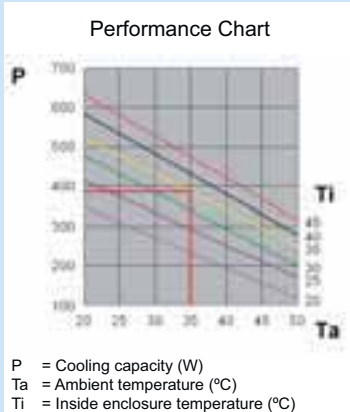


Side Elevation

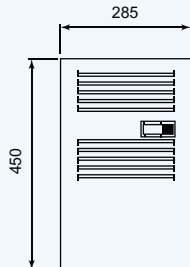


EGO04

Cooling Capacity 380 W



Front Elevation



Side Elevation



Characteristics	M.U.	TX-EGO04BM1A	TX-EGO04CM1A
Cooling capacity EN814 - A35A35	W	380	380
Cooling capacity EN814 - A35A50	W	240	240
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60
Height	mm	450	450
Width	mm	285	285
Depth	mm	176	176+35**
Max. Current	A	1.6	3.2
Inrush current	A	6	11
Fuse T	A	4	6
Absorbed electric power EN814 - A35A35	W	280	290
Absorbed electric power EN814 - A35A50	W	330	340
Duty cycle	-	100%	100%
Electrical connection	-	Terminal board	Terminal board
Refrigerant R134a	kg	0.11	0.11
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	-	Internal 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	17	18
Conformity	-	CE	CE
Colour	-	RAL 7032 ripple	

* 50°C at 60 Hz

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

Accessories / Options

Pack of 5 cloth air filters	TX-AAEFP04
Pack of 1 metal air filter	TX-AAEFM04
Electronic thermostat	TX-C16000106
Electronic controller	TX-C16000117

Non-metallic

General Purpose

Stainless Steel

Mining & Hazardous

Switchboard Building

Datacoms

Climate Control

Technical Drawings

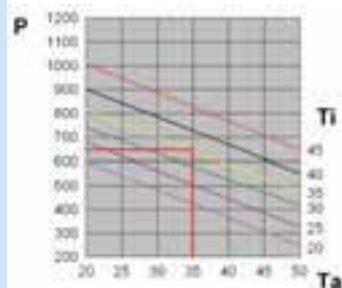
Enclosure Selection

EGO06

Cooling Capacity 640W



Performance Chart



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

Characteristics	M.U.	TX-EGO06BM1A	TX-EGO06CM1A	TX-EGO06GM1A
Cooling capacity EN814 - A35A35	W	640	640	640
Cooling capacity EN814 - A35A50	W	470	470	470
Power supply	V~Hz	230 1~50-60	115 1~50-60	400/440 2~50-60
Height	mm	605	605	605
Width	mm	306	306	306
Depth	mm	209	209+42**	209+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 EN814 - A35A35	W	400	410	410
Absorbed electric power EN814 - A35A50	W	470	480	480
Duty cycle	-	100%	100%	100%
Electrical connection	-	Terminal board	Terminal board	Terminal board
Refrigerant R134a	kg	0.2	0.2	0.2
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	-	Internal 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	21	22	22
Conformity	-	CE	CE	CE
Colour	-	RAL 7032 ripple		

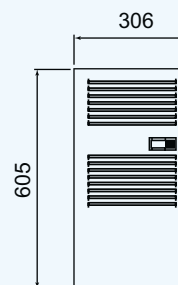
* 50°C at 60 Hz

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

Accessories / Options

Pack of 5 cloth air filters	TX-AAEF006
Pack of 1 metal air filter	TX-AAEFM06
Electronic thermostat	TX-C16000106
Electronic controller	TX-C16000117

Front Elevation

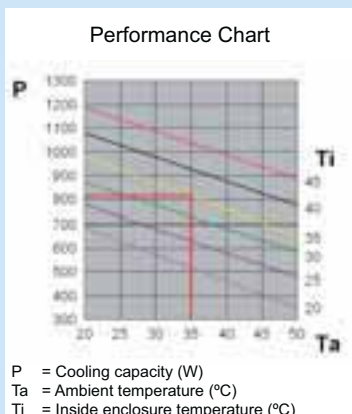


Side Elevation

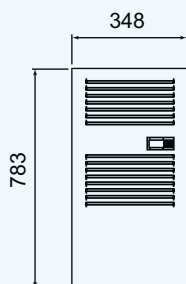


EGO08

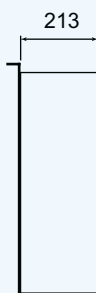
Cooling Capacity 820 W



Front Elevation



Side Elevation



Characteristics	M.U.	TX-EGO08BM1A	TX-EGO08CM1A	TX-EGO08GM1A
Cooling capacity EN814 - A35A35	W	820	820	820
Cooling capacity EN814 - A35A50	W	680	680	680
Power supply	V~Hz	230 1~50-60	115 1~ 50-60	400/440 2~50-60
Height	mm	783	783	783
Width	mm	348	348	348
Depth	mm	213	213+42**	213+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 EN814 - A35A35	W	440	450	450
Absorbed electric power EN814 - A35A50	W	490	500	500
Duty cycle	-	100%	100%	100%
Electrical connection	-	Terminal board	Terminal board	Terminal board
Refrigerant R134a	kg	0.14	0.14	0.14
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	-	Internal 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	27	28	28
Conformity	-	CE	CE	CE
Colour	-	RAL 7032 ripple		

* 50°C at 60 Hz

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

Accessories / Options

Pack of 5 cloth air filters	TX-AAEFP10
Pack of 1 metal air filter	TX-AAEFM10
Electronic thermostat	TX-C16000106
Electronic controller	TX-C16000117

Non-metallic

General Purpose

Stainless Steel

Mining & Hazardous

Switchboard Building

Datacoms

Climate Control

Technical Drawings

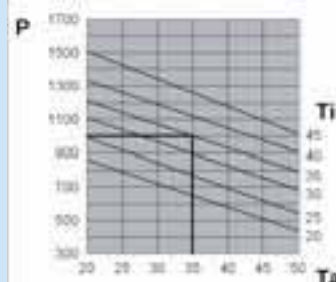
Enclosure Selection

EGO10

Cooling Capacity 1000W



Performance Chart



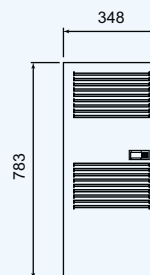
P = Cooling capacity (W)
 Ta = Ambient temperature (°C)
 Ti = Inside enclosure temperature (°C)

Characteristics	M.U.	TX-EGO10BM1A	TX-EGO10CM1A	TX-EGO10GM1A
Cooling capacity EN814 - A35A35	W	1000	1000	1000
Cooling capacity EN814 - A35A50	W	790	790	790
Power supply	V~Hz	230 1~50-60	115 1~50-60	400/440 2~50-60
Height	mm	783	783	783
Width	mm	348	348	348
Depth	mm	213	213+42**	213+58**
Max. Current	A	3	6.7	2
Inrush current	A	10.5	23	8
Fuse T	A	6	10	4
Absorbed electric power EN814 - A35A35	W	570	590	590
Absorbed electric power EN814 - A35A50	W	650	670	670
Duty cycle	-	100%	100%	100%
Electrical connection	-	Terminal board	Terminal board	Terminal board
Refrigerant R134a	kg	0.2	0.2	0.2
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	-	Internal 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	28	29	29
Conformity	-	CE	CE	CE
Colour	-	RAL 7032 ripple		

* 50°C at 60 Hz

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

Front Elevation



Side Elevation

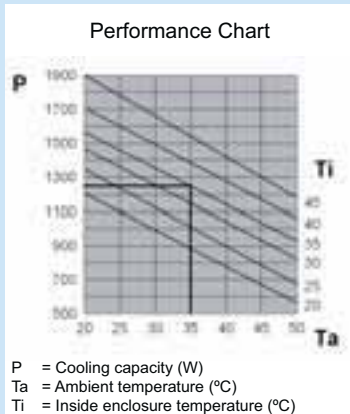


Accessories / Options

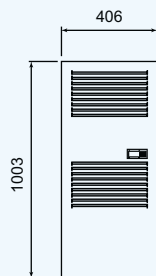
Pack of 5 cloth air filters	TX-AAEFP10
Pack of 1 metal air filter	TX-AAEFM10
Electronic thermostat	TX-C16000106
Electronic controller	TX-C16000117

EGO12

Cooling Capacity 1250W



Front Elevation



Side Elevation



Characteristics	M.U.	TX-EGO12BM1A	TX-EGO12CM1A	TX-EGO12GM1A
Cooling capacity EN814 - A35A35	W	1250	1250	1250
Cooling capacity EN814 - A35A50	W	910	910	910
Power supply	V-Hz	230 1~50-60	115 1~50-60	400/440 2~50-60
Height	mm	1003	1003	1003
Width	mm	406	406	406
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 EN814 - A35A35	W	650	660	660
Absorbed electric power EN814 - A35A50	W	760	770	770
Duty cycle	-	100%	100%	100%
Electrical connection	-	Terminal board	Terminal board	Terminal board
Refrigerant R134a	kg	0.38	0.38	0.38
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m ³ /h	860	860	860
Enclosure fan air flow	m ³ /h	570	570	570
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Internal 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 7032 ripple		

* 50°C at 60 Hz

Accessories / Options

Pack of 5 cloth air filters	TX-C15000163
Pack of 1 metal air filter	TX-C15000164
Electronic thermostat	TX-C16000106
Electronic controller	TX-C16000117

Non-metallic

General Purpose

Stainless Steel

Mining & Hazardous

Switchboard Building

Datacoms

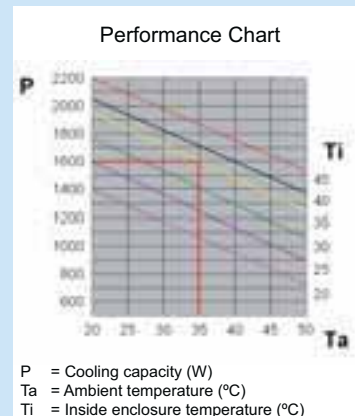
Climate Control

Technical Drawings

Enclosure Selection

EGO16

Cooling Capacity 1600W



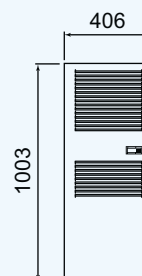
Characteristics	M.U.	TX-EGO16BM1A	TX-EGO16CM1A	TX-EGO16GM1A
Cooling capacity EN814 - A35A35	W	1600	1600	1600
Cooling capacity EN814 - A35A50	W	1230	1230	1230
Power supply	V-Hz	230 1~50-60	115 1~50-60	400/440 2~50-60
Height	mm	1003	1003	1003
Width	mm	406	406	406
Depth	mm	237	237	237
Max. Current	A	5.3	12.9	2.9
Inrush current	A	18	39	11
Fuse T	A	10	20	6
Absorbed electric power EN814 - A35A35	W	820	840	840
Absorbed electric power EN814 - A35A50	W	940	960	960
Duty cycle	-	100%	100%	100%
Electrical connection	-	Terminal board	Terminal board	Terminal board
Refrigerant R134a	kg	0.45	0.45	0.45
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m ³ /h	1050	1050	1050
Enclosure fan air flow	m ³ /h	570	570	570
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Internal 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 7032 ripple		

* 50°C at 60 Hz

Accessories / Options

Pack of 5 cloth air filters	TX-C15000163
Pack of 1 metal air filter	TX-C15000164
Electronic thermostat	TX-C16000106

Front Elevation

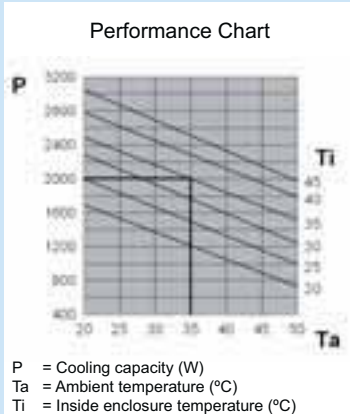


Side Elevation

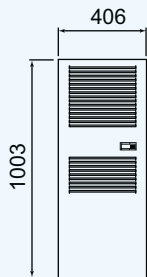


EGO20

Cooling Capacity 2000W



Front Elevation



Side Elevation



Characteristics	M.U.	TX-EGO20BM1A	TX-EGO20CM1A	TX-EGO20LM1A
Cooling capacity EN814 - A35A35	W	2000	2000	2000
Cooling capacity EN814 - A35A50	W	1510	1510	1510
Power supply	V-Hz	230 1~50-60	115 1~50-60	400 3~50-60
Height	mm	1003	1003	1003
Width	mm	406	406	406
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 EN814 - A35A35	W	1080	1110	970
Absorbed electric power EN814 - A35A50	W	1290	1310	1150
Duty cycle	-	100%	100%	100%
Electrical connection	-	Terminal board	Terminal board	Terminal board
Refrigerant R134a	kg	0.42	0.42	0.59
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m ³ /h	1050	1050	1050
Enclosure fan air flow	m ³ /h	860	860	860
Internal temperature range	°C	20-46	20-46	20-46
Temperature setting	-	Internal 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	52	54	54
Conformity	-	CE	CE	CE
Colour	-	RAL 7032 ripple		

* 50°C at 60 Hz

Accessories / Options

Pack of 5 cloth air filters	TX-C15000163
Pack of 1 metal air filter	TX-C15000164
Electronic thermostat	TX-C16000106
Electronic controller	TX-C16000117

Non-metallic

General Purpose

Stainless Steel

Mining & Hazardous

Switchboard Building

Datacoms

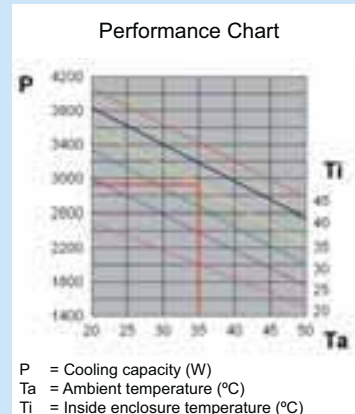
Climate Control

Technical Drawings

Enclosure Selection

EGO30

Cooling Capacity 2900W

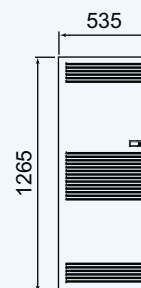


Characteristics	M.U.	TX-EGO30BM1A	TX-EGO30LM1A
Cooling capacity EN814 - A35A35	W	2900	2900
Cooling capacity EN814 - A35A50	W	2250	2250
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60
Height	mm	1265	1265
Width	mm	535	535
Depth	mm	335	335
Max. Current	A	8.2	2.6
Inrush current	A	37.4	14
Fuse T	A	16	6
Absorbed electric power EN814 - A35A35	W	1340	1220
Absorbed electric power EN814 - A35A50	W	1560	1440
Duty cycle	-	100%	100%
Electrical connection	-	Terminal board	Terminal board
Refrigerant R407C	kg	0.68	0.68
Cooling circuit max. pressure	bar	25	25
External fan air flow	m ³ /h	1450	1450
Enclosure fan air flow	m ³ /h	860	860
Internal temperature range	°C	20-46	20-46
Temperature setting	-	Internal 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)	70	70
Weight	kg	80	84
Conformity	-	CE	CE
Colour	-	RAL 7032 ripple	

Accessories / Options

Pack of 5 cloth air filters	TX-AAEFP30
Pack of 1 metal air filter	TX-AAEFM30
Electronic thermostat	TX-C16000106
Electronic controller	TX-C16000117

Front Elevation

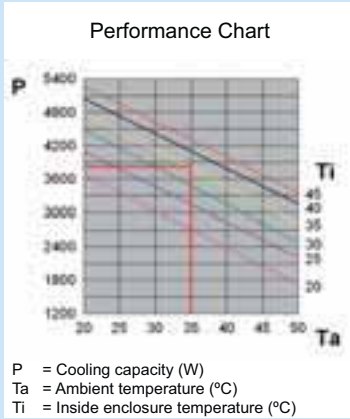


Side Elevation

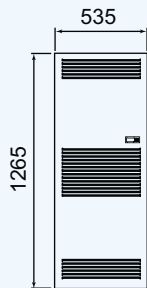


EGO40

Cooling Capacity 3850W



Front Elevation



Side Elevation



Characteristics	M.U.	TX-EGO40BM1A	TX-EGO40LM1A
Cooling capacity EN814 - A35A35	W	3850	3850
Cooling capacity EN814 - A35A50	W	2870	2870
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60
Height	mm	1265	1265
Width	mm	535	535
Depth	mm	335	335
Max. Current	A	9.5	3.6
Inrush current	A	35.2	18
Fuse T	A	16	8
Absorbed electric power EN814 - A35A35	W	1710	1780
Absorbed electric power EN814 - A35A50	W	1990	2050
Duty cycle	-	100%	100%
Electrical connection	-	Terminal board	Terminal board
Refrigerant R407C	kg	1.05	1.05
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	-	Internal 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)	70	70
Weight	kg	82	85
Conformity	-	CE	
Colour	-	RAL 7032 ripple	

Accessories / Options

Pack of 5 cloth air filters	TX-AAEFP30
Pack of 1 metal air filter	TX-AAEFM30
Electronic thermostat	TX-C16000106
Electronic controller	TX-C16000117

Non-metallic

General Purpose

Stainless Steel

Mining & Hazardous

Switchboard Building

Datacoms

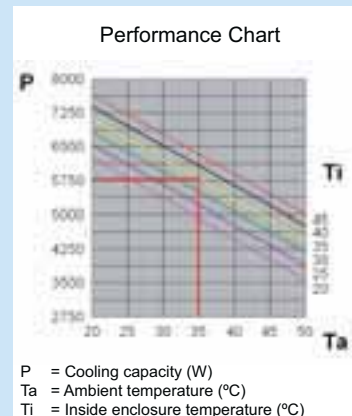
Climate Control

Technical Drawings

Enclosure Selection

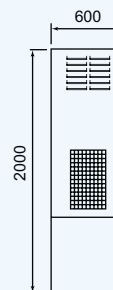
EGO60

Cooling Capacity 6050W



Characteristics	M.U.	TX-EGO60MMEQ	TX-EGO60NMEQ
Cooling capacity EN814 - A35A35	W	5800	6050
Cooling capacity EN814 - A35A50	W	4350	4530
Power supply	V ~ Hz	400 3~ 50	460 3~ 60
Height	mm	2000	2000
Width	mm	600	600
Depth	mm	380	380
Max. Current	A	5.9	6.8
Inrush current	A	21.7	23.5
Fuse T	A	8	8
Absorbed electric power EN814 - A35A35	W	2340	2920
Absorbed electric power EN814 - 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	m ³ /h	2900	2900
Enclosure fan air flow	m ³ /h	1450	1450
Internal temperature range	°C	20-46	20-46
Temperature setting	-	Internal thermostat factory set at 35°C	
External temperature range	°C	20-55	20-55
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 smooth paint	

Front Elevation



Side Elevation

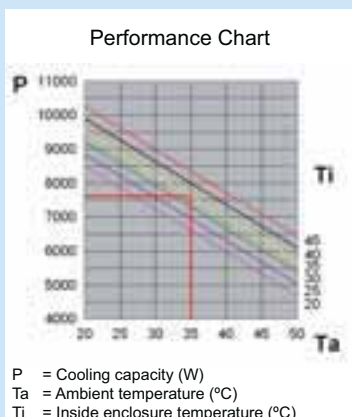


Accessories / Options

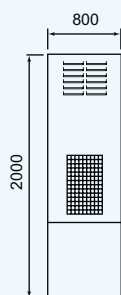
Pack of 5 cloth air filters	TX-C15000175
Pack of 1 metal air filter	TX-C15000176
Electronic thermostat	TX-C16000106
Electronic controller	TX-C16000117

EGO80

Cooling Capacity 7950W



Front Elevation



Side Elevation



Characteristics	M.U.	TX-EGO80MMEQ	TX-EGO80NMEQ
Cooling capacity EN814 - A35A35	W	7600	7950
Cooling capacity EN814 - A35A50	W	5700	5930
Power supply	V ~ Hz	400 3~ 50	460 3~ 60
Height	mm	2000	2000
Width	mm	800	800
Depth	mm	380	380
Max. Current	A	8.1	9.3
Inrush current	A	30.7	32.5
Fuse T	A	16	16
Absorbed electric power EN814 - A35A35	W	3300	4035
Absorbed electric power EN814 - A35A50	W	4910	5845
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant R407C	kg	2.3	2.3
Cooling circuit max. pressure	bar	27	27
External fan air flow	m ³ /h	2900	2900
Enclosure fan air flow	m ³ /h	2900	2900
Internal temperature range	°C	20-46	20-46
Temperature setting	-	Internal thermostat factory set at 35°C	
External temperature range	°C	20-55	20-55
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 smooth paint	

Accessories / Options

Pack of 5 cloth air filters	TX-C15000188
Pack of 1 metal air filter	TX-C15000189
Electronic thermostat	TX-C16000106
Electronic controller	TX-C16000117

Non-metallic

General Purpose

Stainless Steel

Mining & Hazardous

Switchboard Building

Datacoms

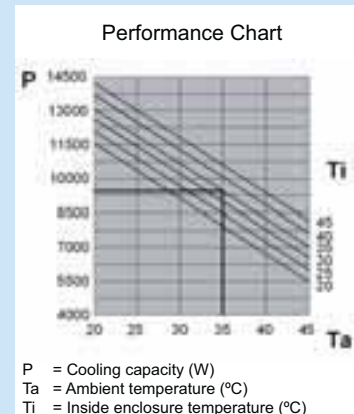
Climate Control

Technical Drawings

Enclosure Selection

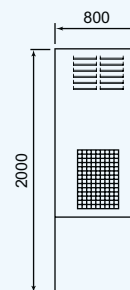
EGOA0

Cooling Capacity 10450W



Characteristics	M.U.	TX-EGOA0MMEQ	TX-EGOA0NMEQ
Cooling capacity EN814 - A35A35	W	10000	10450
Cooling capacity EN814 - A35A50	W	7600	7950
Power supply	V ~ Hz	400 3~ 50	460 3~ 60
Height	mm	2000	2000
Width	mm	800	800
Depth	mm	380	380
Max. Current	A	9.1	10.3
Inrush current	A	30.7	32.5
Fuse T	A	18	18
Absorbed electric power EN814 - A35A35	W	3650	4380
Absorbed electric power EN814 - A35A50	W	5400	6340
Duty cycle	-	100%	100%
Electrical connection	-	Cable L = 3 m	Cable L = 3 m
Refrigerant R407C	kg	2.6	2.6
Cooling circuit max. pressure	bar	27	27
External fan air flow	m ³ /h	4220	4220
Enclosure fan air flow	m ³ /h	2900	2900
Internal temperature range	$^{\circ}C$	20-46	20-46
Temperature setting	-	Internal thermostat factory set at 35 $^{\circ}C$	
External temperature range	$^{\circ}C$	20-55	20-55
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 smooth paint	

Front Elevation



Side Elevation



Accessories / Options

Pack of 5 cloth air filters	TX-C15000188
Pack of 1 metal air filter	TX-C15000189
Electronic thermostat	TX-C16000106
Electronic controller	TX-C16000117



ANCILLARY

TEXA EGO

TEXA EGO Cooling Units for Door or Wall Mounting

The Texa EGO range are wall mounted enclosure air conditioners available with cooling powers from 300W to 10kW. Cooling surfaces are designed to prevent fouling from the outside environment and can even work without a filter on the external air intake, which minimises maintenance.

A wide power range

Cooling powers from 300 to 9850W ensure that the vast majority of electrical enclosures can be cooled with a Texa EGO range air conditioner. Air is removed from the top of the enclosure, where it is at its hottest, cooled inside the air conditioner, and expelled as a low energy jet aimed at the bottom of the system.

Quick & easy to assemble

All the units can be mounted outside the enclosure, or semi-recessed with the purchase of an optional kit. A template is supplied showing where the enclosure needs to be drilled, and all drillings have been designed to be as simple as possible. Importantly, all assembly elements are included in the supply, so there are no hidden extras, no matter what installation is required. The EGO air conditioners are designed for easy and safe wiring with a terminal board at the back of the unit.

Reliability & minimal maintenance

All cooling surfaces of the EGO air conditioners are designed to prevent clogging of system by dust particles. This allows a high efficiency to be maintained even when the environmental conditions are bad. The cooling units are designed to work without a filter on the external air intake. High quality components have been used throughout the EGO range which helps to maximize reliability, and minimize maintenance on the unit.

Protection

All internal and external air flow are kept separated inside the EGO air conditioner with a rating of IP54 when installed with the supplied self-adhesive coupling seal.

The EGO unit also protects the environment by using only the CFC-free, ozone friendly refrigerant R134a.



Contact your local B&R office for details
www.brenclosures.com.au

TECHNICAL INFORMATION

EGO range air conditioners are available with cooling capacities from 300 to 9850W. They are also suitable for a wide range of power supplies. The table below gives information on the range available, as well as overall dimensions:

Cooling capacity (W)	Dimensions (mm)			Supply Voltage options	Catalogue Number
	Height	Width	Depth		
300	340	525	135	230/1/50-60	TX-EGOS3BT1A
380	460	285	180	230/1/50-60	TX-EGO04BM1A
			215	115/1/50-60	TX-EGO04CM1A
640	606	316	212	230/1/50-60	TX-EGO06BM1A
			254	115/1/50-60	TX-EGO06CM1A
			270	400-440/2/50-60	TX-EGO06GM1A
820	783	348	215	230/1/50-60	TX-EGO08BM1A
			257	115/1/50-60	TX-EGO08CM1A
			273	400-440/2/50-60	TX-EGO08GM1A
1000	783	348	215	230/1/50-60	TX-EGO10BM1A
			257	115/1/50-60	TX-EGO10CM1A
			273	400-440/2/50-60	TX-EGO10GM1A
1250	999	405	237	230/1/50-60	TX-EGO12BM1A
				115/1/50-60	TX-EGO12CM1A
				400-440/2/50-60	TX-EGO12GM1A
1600	999	405	237	230/1/50-60	TX-EGO16BM1A
				115/1/50-60	TX-EGO16CM1A
				400-440/2/50-60	TX-EGO16GM1A
2000	999	405	237	230/1/50-60	TX-EGO20BM1A
				115/1/50-60	TX-EGO20CM1A
				400/3/50-60	TX-EGO20LM1A
2900	1270	500	336	230/1/50-60	TX-EGO30BM1A
				400/3/50-60	TX-EGO30LM1A
3850	1270	500	336	230/1/50-60	TX-EGO40BM1A
				400/3/50-60	TX-EGO40LM1A
5800	2000	600	380	400/3/50	TX-EGO60MMEQ
6050				460/3/60	TX-EGO60NMEQ
7600	2000	800	380	400/3/50	TX-EGO80MMEQ
7950				460/3/60	TX-EGO80NMEQ
9400	2000	800	380	400/3/50	TX-EGO0A0MMEG
9850				460/3/60	TX-EGO0A0NMEG



ACCESSORIES GUIDE

Product Number	Electronic Thermostat	Microprocessor Controller	Metal Filter	Cloth Filter	Humidistat	Thermostat
EGO04/06/08/10	•	•	•	•	•	•
EGO12/16/20	•	•	•	•	•	•
EGO30/40	•	•	•	•	•	•
EGO60/80	•	•	•	•	•	•



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