



Texa FAN

Fan & Filter Ventilating Units

Index

[Catalogue Information](#)

[Leaflet](#)

Web Links

[Texa FAN Information Page](#)

[Ask a question / Send us an enquiry](#)

[Information about B&R](#)

[Local Sales Team Phone Numbers](#)



Texa FAN

Fan & Filter Ventilating Units

brenclosures.com.au/fan.htm



Texa FAN Features

- Reversible air flow direction
- Click-in fitting with no screws required (all enclosures but Econo EC range which requires the supplied screw kit)
- 30,000 hours life expectancy
- Optional temperature control thermostat
- Approvals - CE, UL94 V0
- Materials - ABS plastic grill
- Protection rating - IP54

The Texa FAN and FIL ranges are fans and filters with air flow capacities from 57 to 580m³/h. Fan units are

reversible so air can be pumped into the enclosure as normal or pulled out of the enclosure should the need arise.

Inclusions

All fixings required for assembly.

FAN Selection Guide - DC

Catalogue No	Air Flow Rate (m ³ /h)	Power Supply (V/Ph/Hz)	Dimensions (mm)			Matching Filter
			Height	Width	Depth	
TX-FAN12UN0A	60	24V DC	150	150	67	TX-FIL12XN0A
TX-FAN12VN0A	60	48V DC	150	150	67	TX-FIL12XN0A
TX-FAN23UN0A	120	24V DC	250	250	102	TX-FIL25XN0A
TX-FAN23VN0A	120	48V DC	250	250	102	TX-FIL25XN0A
TX-FAN25UN0A	230	24V DC	250	250	114	TX-FIL25XN0A
TX-FAN25VN0A	230	48V DC	250	250	114	TX-FIL25XN0A

FAN Selection Guide - 115V

Catalogue No	Air Flow Rate (m ³ /h)	Power Supply (V/Ph/Hz)	Dimensions (mm)			Matching Filter
			Height	Width	Depth	
TX-FAN12CN0A	57/61	115/1/50-60	150	150	67	TX-FIL12XN0A
TX-FAN23CN0A	115/125	115/1/50-60	250	250	102	TX-FIL25XN0A
TX-FAN25CN0A	230/262	115/1/50-60	250	250	114	TX-FIL25XN0A
TX-FAN28CN0A*	400/440	115/1/50-60	250	250	98	TX-FIL35XN0A
TX-FAN35CN0A	520/580	115/1/50-60	325	325	153	TX-FIL35XN0A

* Available on request

FAN Selection Guide - 240V to 440V

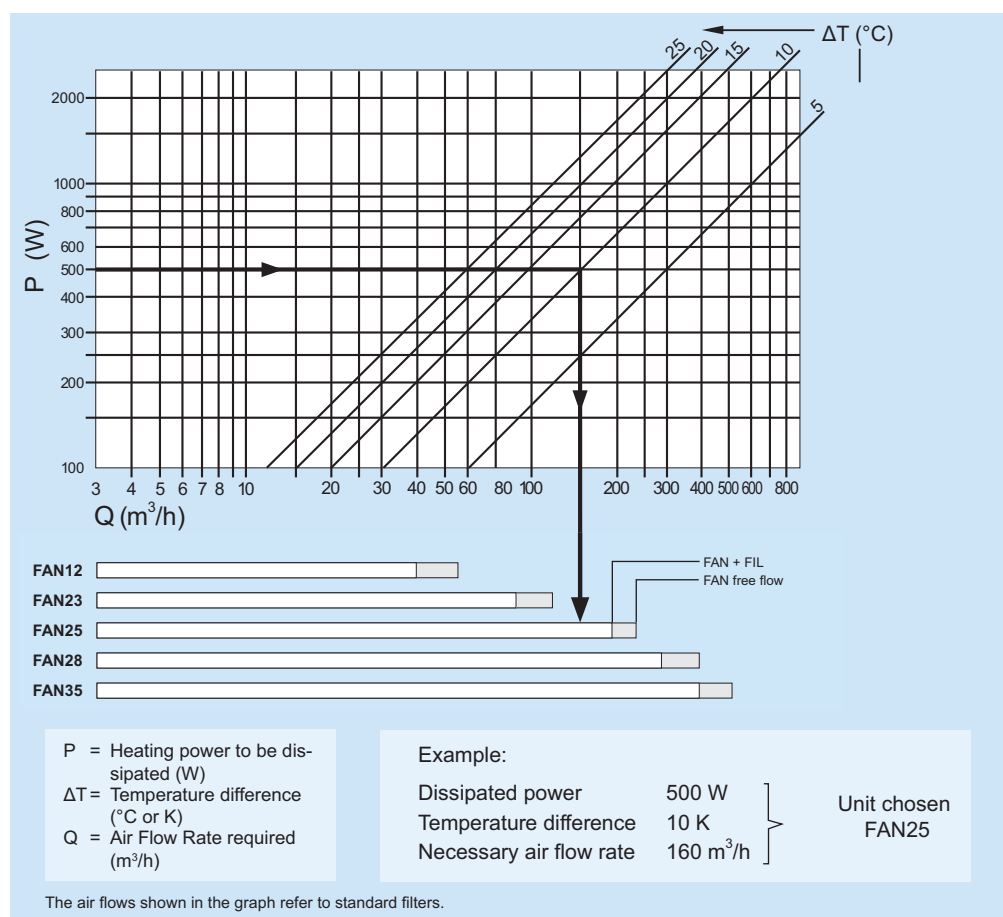
Catalogue No	Air Flow Rate (m ³ /h)	Power Supply (V/Ph/Hz)	Dimensions (mm)			Matching Filter
			Height	Width	Depth	
TX-FAN12BN0A	57/61	230/1/50-60	150	150	67	TX-FIL12XN0A
TX-FAN23BN0A	115/125	230/1/50-60	250	250	102	TX-FIL25XN0A
TX-FAN25BN0A	230/262	230/1/50-60	250	250	114	TX-FIL25XN0A
TX-FAN28BN0A*	400/440	230/1/50-60	250	250	98	TX-FIL35XN0A
TX-FAN28LN0A*	400/440	400/2/50-60	250	250	98	TX-FIL35XN0A
TX-FAN35BN0A	520/580	230/1/50-60	325	325	153	TX-FIL35XN0A
TX-FAN35LN0A	520/580	400/2/50-60	325	325	153	TX-FIL35XN0A

* Available on request

FIL Selection Guide - Filters

Catalogue No	Air Flow Rate (m ³ /h)	Power Supply (V/Ph/Hz)	Dimensions (mm)		
			Height	Width	Depth
TX-FIL12XN0A	—	—	150	150	24
TX-FIL25XN0A	—	—	250	250	26
TX-FIL35XN0A	—	—	325	325	28

Quick Selection Guide





ANCILLARY

TEXA FAN

TEXA FAN Ventilating Units

The Texa FAN and FIL ranges are fans and filters with air flow capacities from 57 to 580m³/h. Fan units are reversible so air can be pumped into the enclosure as normal or pulled out of the enclosure should the need arise.

A wide range of flowrates

The range of air flowrates that FAN ventilating units can produce is from 57m³/h to 580m³/h. For larger flows we recommend a DLK ventilating tower, but this flow range will cover the vast majority of applications.

Quick & easy to assemble

A simple square cut needs to be made into the enclosure panel, and the FAN unit is fitted with a simple 'click-in' system which requires no screws. Compared to traditional systems this can save 20-30 minutes in installation time alone! The click-in system is suitable for panel thicknesses of between 1.2 and 2.4mm, making it suitable for almost all of the B&R range. If the panel falls outside this range, a kit is included in the pack for a more traditional installation method.

The standard direction of air flow is from the outside to the inside of the enclosure (supply flow) for all FAN units. If required the user can reverse the direction of flow by simply removing and remounting the fan in the opposite direction.

Reliability & minimal maintenance

The FAN units have an extremely high volumetric efficiency, and have an expected life of 30,000 working hours at an ambient temperature of 55°C. They are all designed to ensure quick and safe electrical connect via a terminal board.

Maintenance is quick and easy, with ready access to filter cloths, and options of washable filter cloths available.

Protection

The standard cloth filter is an EU4 type which has a filtering efficiency equivalent to 91% and an IP44 rating. It features a progressive filtering surface made from synthetic fibres. If a higher rating is required an EU5 filter cloth will allow an IP54 protection rating, and improves the filtering efficiency to 97%. This is available as an optional extra.



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

TECHNICAL INFORMATION

FAN range ventilating units are available for flowrates of between 55 and 550m³/h. They are also available suitable for a wide range of power supplies. The table below gives information on the range available, as well as overall dimensions:

Air Flow Rate (m ³ /h)	Power Supply V/ ph/Hz	Dimensions (mm)			Catalogue No
		Height	Width	Depth	
-	-	150	150	24	TX-FIL12XN0A
-	-	250	250	26	TX-FIL25XN0A
-	-	325	325	28	TX-FIL35XN0A
57/61	230/1/50-60	150	150	67	TX-FAN12BN0A
57/61	115/1/50-60	150	150	67	TX-FAN12CN0A
60	24VDC	150	150	67	TX-FAN12UN0A
60	48VDC	150	150	67	TX-FAN12VN0A
115/125	230/1/50-60	250	250	102	TX-FAN23BN0A
115/125	115/1/50-60	250	250	102	TX-FAN23CN0A
120	24VDC	250	250	102	TX-FAN23UN0A
120	48VDC	250	250	102	TX-FAN23VN0A
230/262	230/1/50-60	250	250	114	TX-FAN25BN0A
230/262	115/1/50-60	250	250	114	TX-FAN25CN0A
230	24VDC	250	250	114	TX-FAN25UN0A
230	48VDC	250	250	114	TX-FAN25VN0A
400/440	230/1/50-60	250	250	98	TX-FAN28BN0A
400/440	115/1/50-60	250	250	98	TX-FAN28CN0A
400/440	400/3/50-60	250	250	98	TX-FAN28LN0A
520/580	230/1/50-60	325	325	153	TX-FAN35BN0A
520/580	115/1/50-60	325	325	153	TX-FAN35CN0A
520/580	400/3/50-60	325	325	153	TX-FAN35LN0A



ACCESSORIES GUIDE

	Cloth Filters EU4	Cloth Filters EU5	Cleanable Metal Filters	Thermostat
FAN12	•	•	•	•
FAN23	•	•	•	•
FAN25	•	•	•	•
FAN28	•	•	•	•
FAN35	•	•	•	•



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