

Article number: BX-92

Galvanised box fans

Technical data

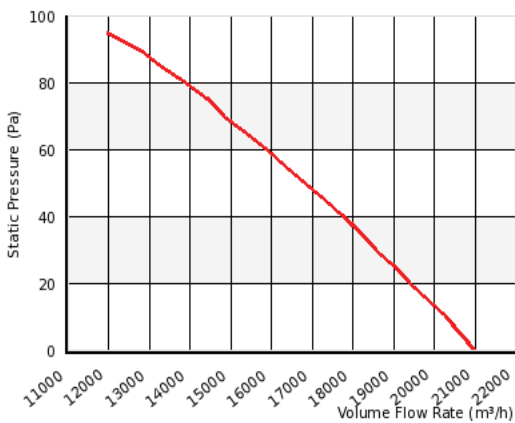
Voltage	U	230	V
Phase		1	~
Frequency		50	Hz
Speed		915	RPM
Power consumption	P _e	750	W
Nominal current	I	3.3	A
Maximum current	I	3.8	A
Capacitor		22/400	μF
Ambient temperature	T _{amb min/max}	-25...40	°C
Insulation Class		CLF	
IP Class Fan		IP55	
Sound pressure level at 2 m	L _p	72	dB(A)
Weight		31.5	kg

Fan details

Impeller blades	3
Impeller type	8
Impeller system	G
Impeller material	PG

Characteristics

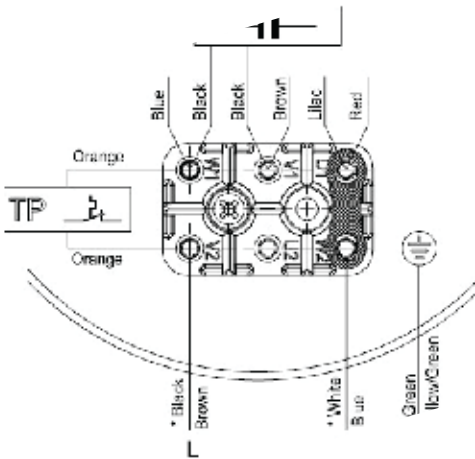
0 Pa 21000 m³/h
50 Pa 16800 m³/h



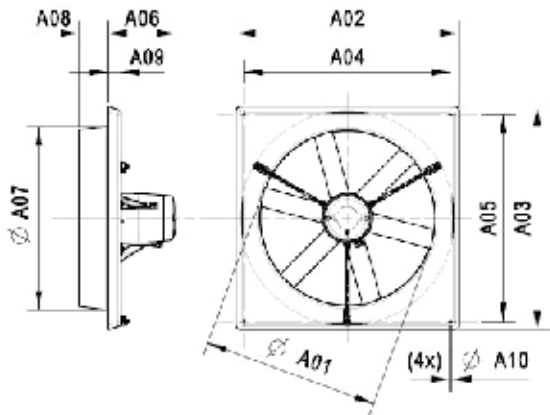
Please note: Picture may deviate from original product

Wiring diagram - Fan

AA01 - CCW



Dimensions



A01:	915 mm
A02:	1005 mm
A03:	1005 mm
A04:	947 mm
A05:	947 mm
A06:	247 mm
A07:	940 mm
A08:	93 mm
A09:	40 mm
A10:	10 mm



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GST No: 001895579648

Hotline : 1300-88-4273
Email : info@AireGard.com

www.AireGard.com

Article number: **BX-92**
Galvanised box fans

Technical data

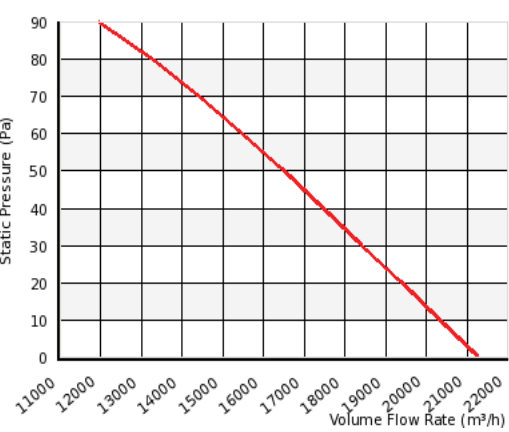
Voltage	U	230/400	V
Phase		3	~
Frequency		50	Hz
Speed		860	RPM
Power consumption	P _e	730	W
Nominal current	I	2.6/1.5	A
Maximum current	I	2.7/1.6	A
Capacitor		-	µF
Ambient temperature	T _{amb min/max}	-25...40	°C
Insulation Class		CLF	
IP Class Fan		IP55	
Weight		31.9	kg

Fan details

Impeller blades	3
Impeller type	8
Impeller system	G
Impeller material	PG

Characteristics

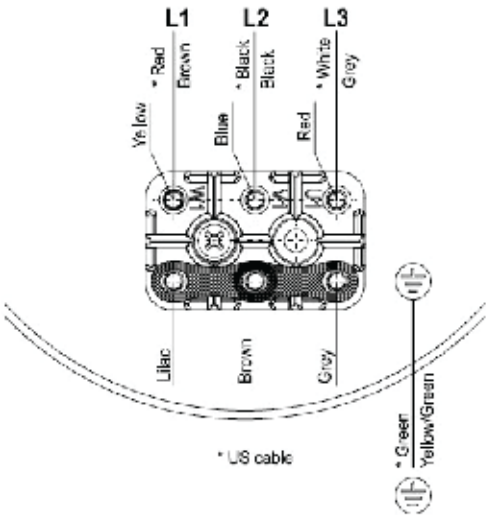
0 Pa	21300 m ³ /h
50 Pa	16500 m ³ /h



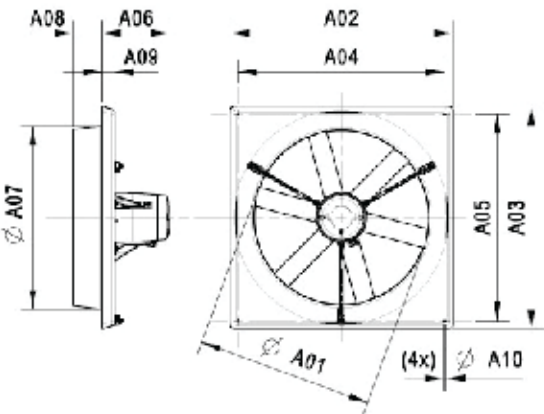
Please note: Picture may deviate from original product

Wiring diagram - Fan

AB01 - CCW



Dimensions



A01:	915 mm
A02:	1005 mm
A03:	1005 mm
A04:	947 mm
A05:	947 mm
A06:	247 mm
A07:	940 mm
A08:	93 mm
A09:	40 mm
A10:	10 mm

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Article number: BX-130

Galvanised Box Fans - High volume

Technical data

Voltage	U	230/400	V
Phase		3	~
Frequency	f	50	Hz
Speed	n	570	RPM
Power consumption	P _e	1600	W
Nominal current	I _{nom}	5/2.9	A
Maximum current	I _{max}	5.3/3.1	A
Cos φ		0.78	
Capacitor		-	μF/V
Ambient temperature	T _{amb min/max}	-25...40	°C
Insulation Class		CL.F	
IP Class		IP55	
Weight		69.3	kg
Packing dimensions		1385 x 460 x 1385	mm

Fan details

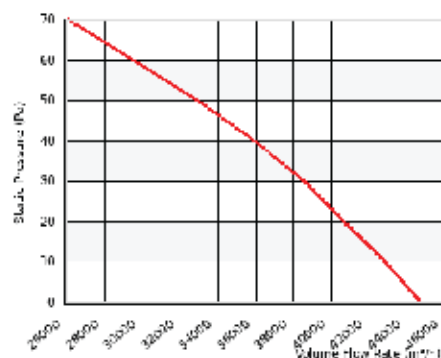
Impeller blades	3
Impeller type	10
Impeller system	N
Impeller material	PG

Control options

Triac controller	No
Transformer	No
Frequency drive	No

Characteristics

0 Pa	44800 m ³ /h
50 Pa	32900 m ³ /h



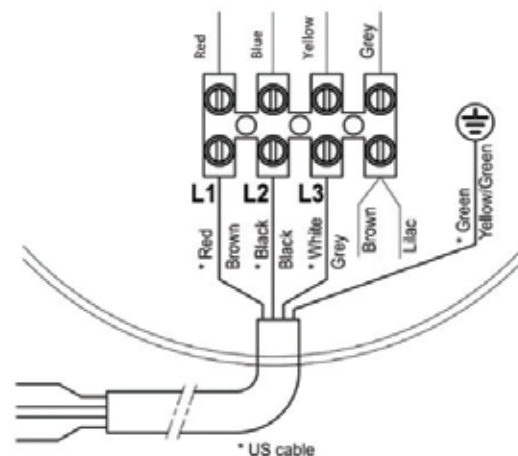
Please note: Picture may deviate from original product

Approval(s)

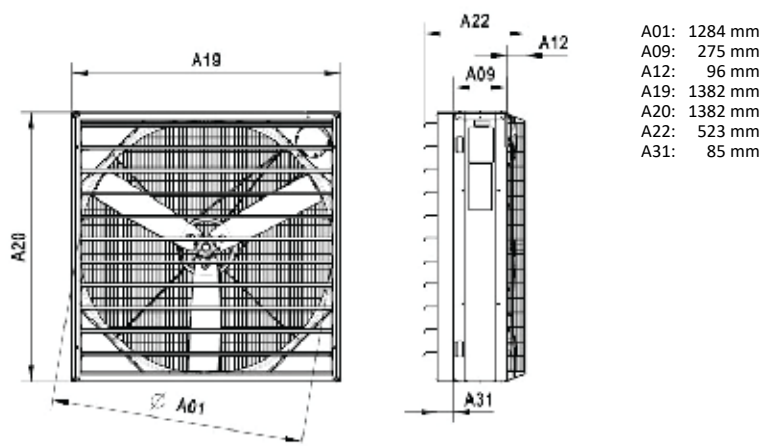


Wiring diagram

BF01 - 3 Phase - Star connected with luster terminal - CCW



Dimensions



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Article number: BX-140

Galvanised box fans - High volume

Technical data

Voltage	U	230/400	V
Phase		3	~
Frequency	f	50	Hz
Speed	n	535	RPM
Power consumption	P _e	1650	W
Nominal current	I _{nom}	5.6/3.3	A
Maximum current	I _{max}	6.0/3.5	A
Cos φ		0.73	
Capacitor		-	μF/V
Ambient temperature	T _{amb min/max}	-25...40	°C
Insulation Class		CL.F	
IP Class		IP55	
Sound pressure level (2 m)	L _{p (meas.)}	74	db(A)
Sound pressure level (7 m)	L _{p (calc.)}	64	db(A)
Weight		67.8	kg
Packing dimensions		148x475x1480	mm

Fan details

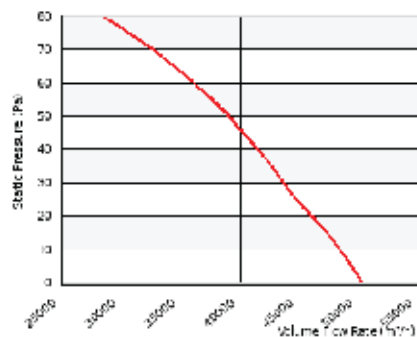
Impeller blades	3
Impeller type	12
Impeller system	B
Impeller material	PG

Control options

Triac controller	No
Transformer	No
Frequency drive	No

Characteristics

0 Pa	50300 m ³ /h
50 Pa	39000 m ³ /h



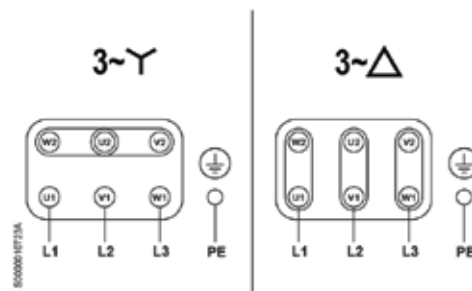
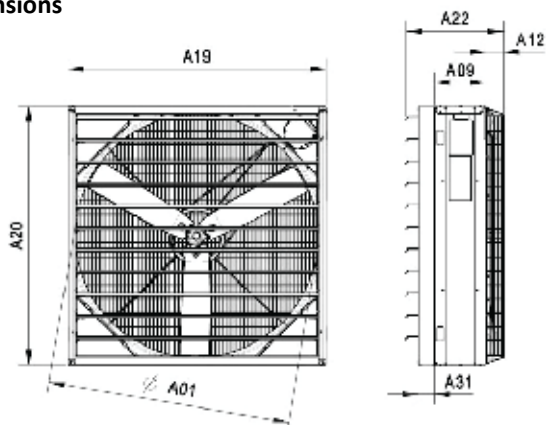
Please note: Picture may deviate from original product

Approval(s)


No.15428


Wiring diagram

BB01 - 3 Phase - Y connection - CCW


Dimensions


A01:	1375 mm
A09:	295 mm
A12:	96 mm
A19:	1480 mm
A20:	1480 mm
A22:	548 mm
A31:	85 mm

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Article number: BX-130 (Cone)

Galvanised Cone Fans - High volume

Technical data

Voltage	U	230/400	V
Phase		3	~
Frequency	f	50	Hz
Speed	n	570	RPM
Power consumption	P _e	1600	W
Nominal current	I _{nom}	5/2.9	A
Maximum current	I _{max}	5.3/3.1	A
Cos φ		0.78	
Capacitor		-	μF/V
Ambient temperature	T _{amb min/max}	-25...40	°C
Insulation Class		CL.F	
IP Class		IP55	
Weight		98.7	kg
Packing dimensions		1385 x 415 x 1385	mm

Fan details

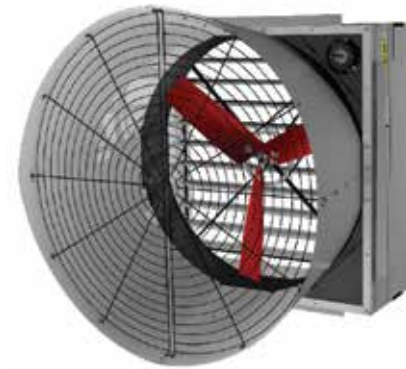
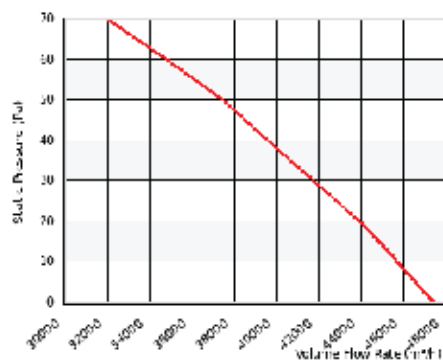
Impeller blades	3
Impeller type	10
Impeller system	N
Impeller material	PG

Control options

Triac controller	No
Transformer	No
Frequency drive	No

Characteristics

0 Pa	47500 m ³ /h
50 Pa	37400 m ³ /h



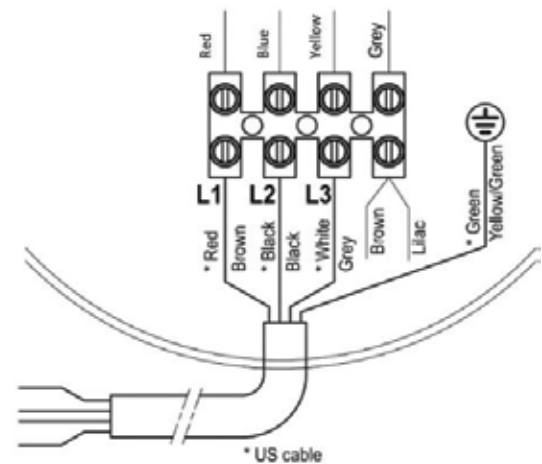
Please note: Picture may deviate from original product

Approval(s)

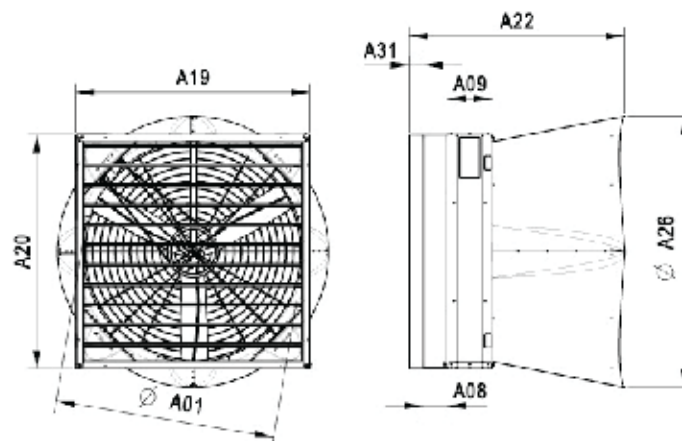


Wiring diagram

BF01 - 3 Phase - Star connected with luster terminal - CCW



Dimensions



A01:	1284 mm
A08:	135 mm
A09:	275 mm
A19:	1382 mm
A20:	1382 mm
A22:	1275 mm
A26:	1600 mm
A31:	85 mm



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Article number: BX-140 (Cone)

Galvanised Cone Fans - High volume

Technical data

Voltage	U	230/400	V
Phase		3	~
Frequency	f	50	Hz
Speed	n	535	RPM
Power consumption	P _e	1600	W
Nominal current	I _{nom}	5.6/3.2	A
Maximum current	I _{max}	6.1/3.6	A
Cos φ		0.72	
Capacitor		-	μF/V
Ambient temperature	T _{amb min/max}	-25...40	°C
Insulation Class		CL.F	
IP Class		IP55	
Sound pressure level (2 m)	L _{p (meas.)}	77	db(A)
Sound pressure level (7 m)	L _{p (calc.)}	66	db(A)
Weight		104.1	kg
Packing dimensions		500x1000x1000	mm

Fan details

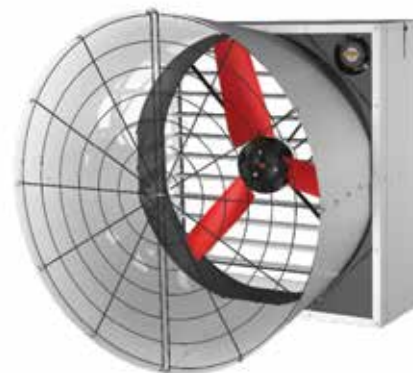
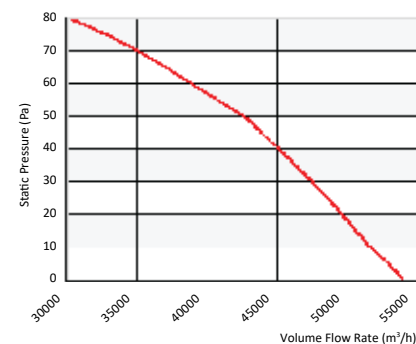
Impeller blades	3
Impeller type	12
Impeller system	B
Impeller material	PG

Control options

Triac controller	No
Transformer	No
Frequency drive	No

Characteristics

0 Pa 54000 m³/h
50 Pa 42600 m³/h



Please note: Picture may deviate from original product

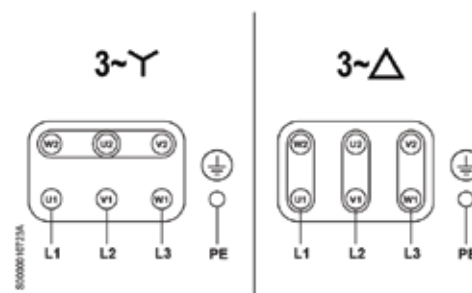
Approval(s)



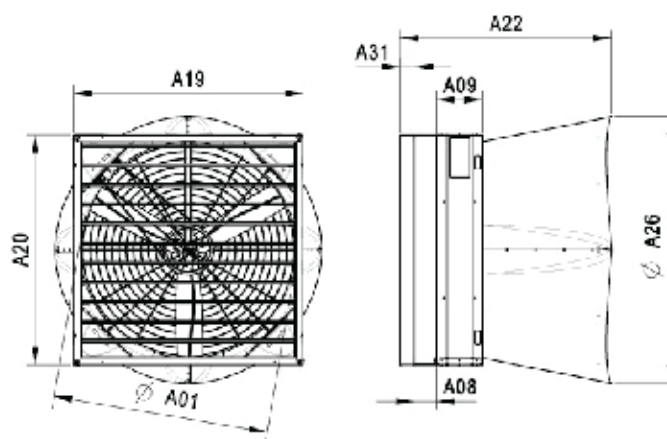
No.15410

Wiring diagram

BB01 - 3 Phase - Y connection - CCW



Dimensions



A01: 1375 mm
A08: 135 mm
A09: 295 mm
A19: 1480 mm
A20: 1480 mm
A22: 1356 mm
A26: 1657 mm
A31: 85 mm

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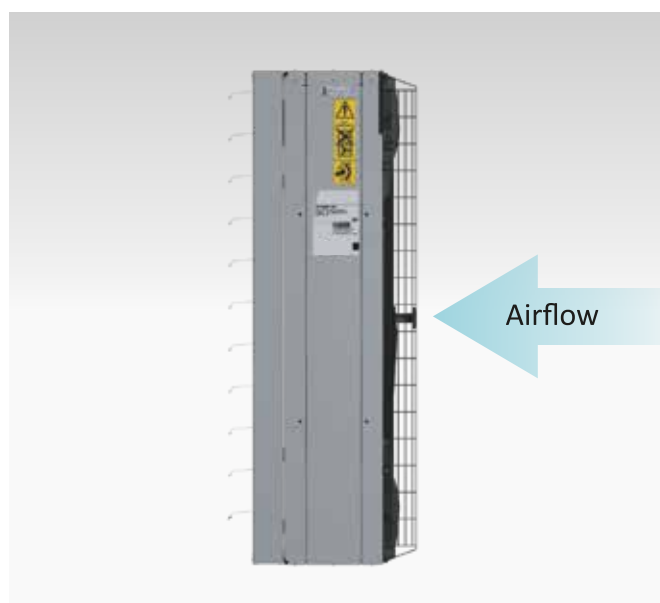
Application

Our Storm Series Box Fan offers efficient ventilation for warehouses, factories, farmhouses etc.

The products are characterized by their various dimensions and air flow capabilities, allowing a wide range of solution for each ventilation demand.

Features

- Aerodynamic construction and patented aerofoil design and inlet radius
- 1E1 energy efficient motor
- Compact design and dirt-repellent material
- Constructed with high-grade, coated and corrosion resistant parts
- Motors developed and produced in Europe
- Optimal motor-impeller design for maximum efficiency
- Efficiency of air flow measured in windtunnel and external test facilities in USA
- Cost efficient
- Low maintenance
- Longer lasting than most competitions
- Designed to be used in extreme and aggressive environments



Fan Description

Durable, reliable motor

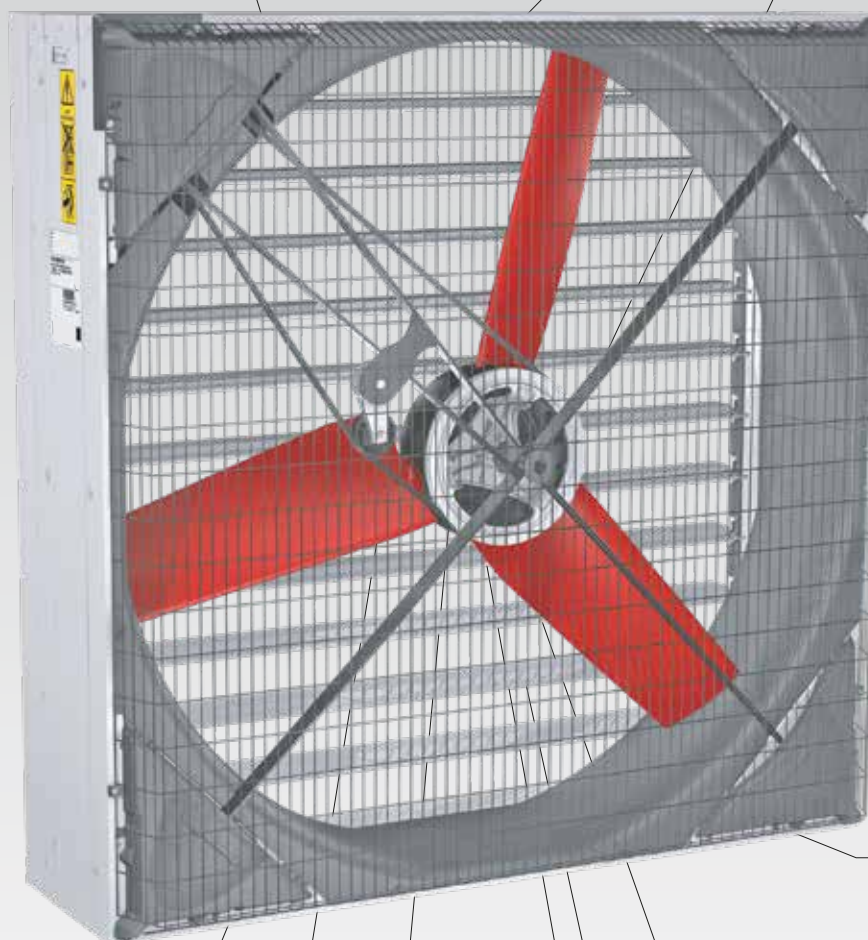
- Motors developed and produced in Europe
- Suitable to be used in aggressive environment

Corrosion resistant materials

- Aggressive climate resistant
- Special coating for excellent corrosion resistance

Robust construction

- Strong lattice construction
- Lightweight construction enables minimal airflow disruption
- Reduced vibration



Specially shaped plastic radius

- Reduction of the air resistance
- Flexible suspension (for capturing temperature changes)
- Resistant against UV-radiation

Unique aerodynamic blades

- Three-dimensional aerofoil design
- Special air guidance strips for higher efficiency
- Durable polypropylene with fiberglass blades

Abrasion resistant aluminum blade-pulley

- Reliable
- Optimal bearings in the center of gravity
- Reduced load wear

Drainage holes

- Easy maintenance

Simple to mount nylon hub

- Flexible assembly, which fulfills specific customer needs in terms of pressure and air

Shutters with low air resistance

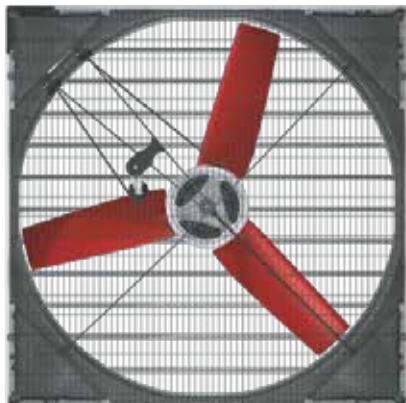
- Functions optimally under extreme conditions
- Interconnected louvers for uniform opening
- Magnetic construction, keeps the shutter closed tight
- Hinges fitted with special slide bearings
- Equipped with damping strip to keep sound pressure at minimal levels.

Maintenance free V-belt and belt tensioner*

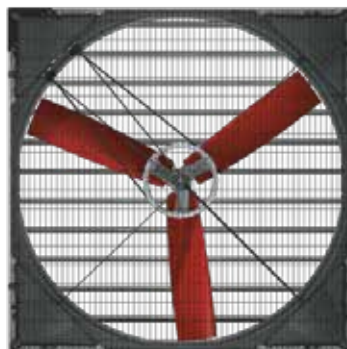
- Effective drive mechanism of the impeller
- Extended lifetime of the drive mechanism
- Optimal motor-impeller combination
- Captures torque at startup

* V-belt tensioner is only applied for the Galvanised box fan 140

Range



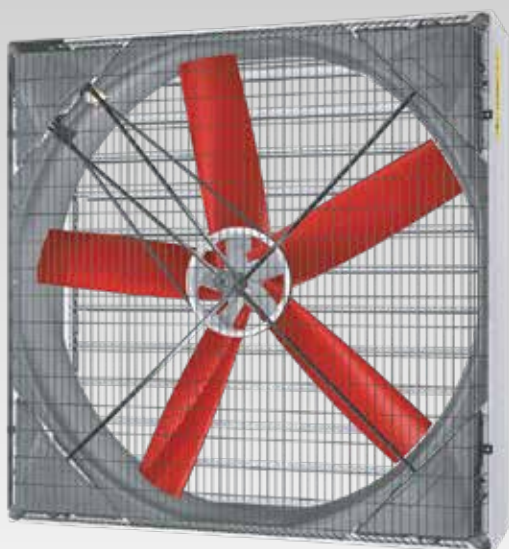
BX 140



BX 130



BX 92



Galvanized Box Fans in 5 blades



Galvanized Cone Fans