

Applications



Poultry houses



Poultry houses

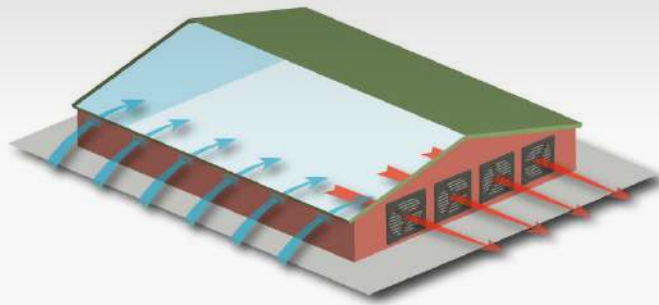


Greenhouse

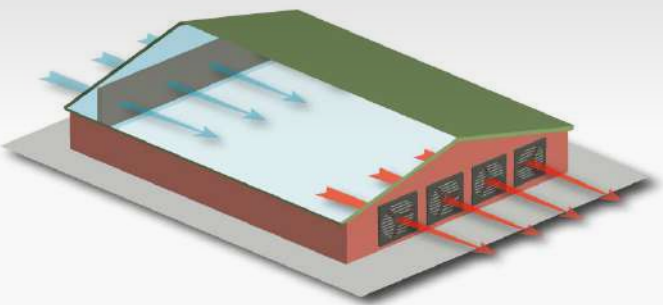


Factories

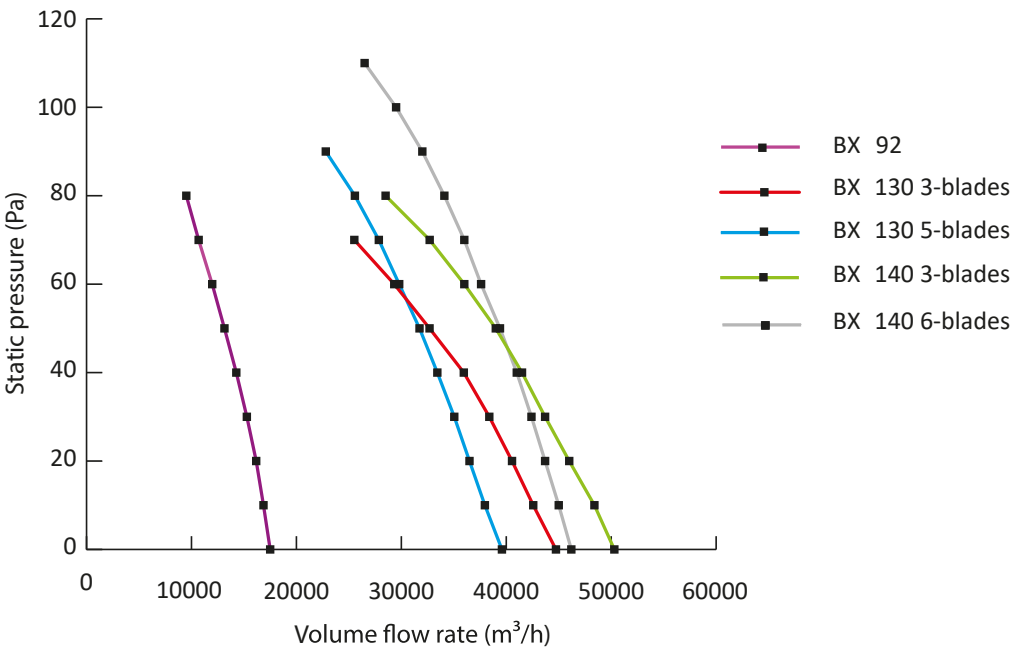
Length ventilation



Tunnel ventilation



Technical data



Dimensions (mm)

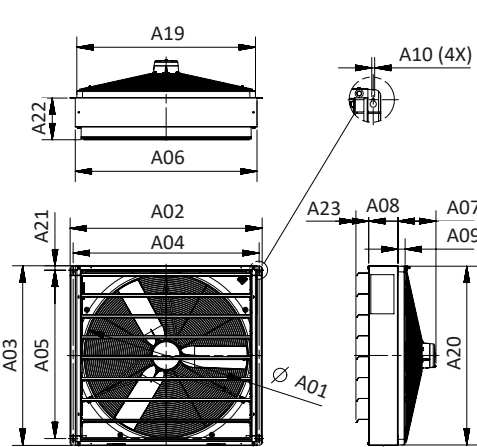


Figure 1: Galvanized Box Fan ø 92

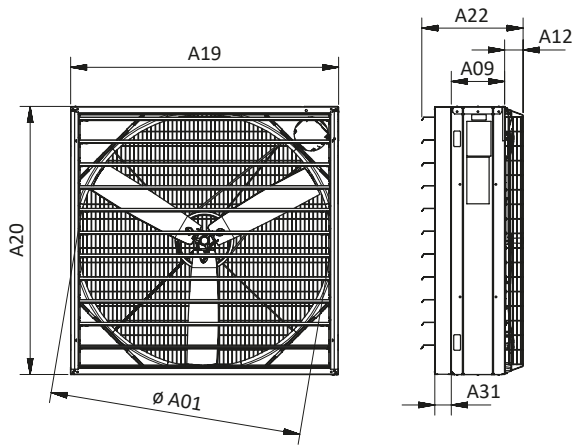


Figure 2: Galvanized Box Fan ø 130 and ø 140

Figure	Type	A01	A02	A03	A04	A05	A06	A07	A08	A09	A12	A19	A20	A21	A22	A31
1	BX ø 92 ON/OFF	915	1080	1014	1046	947	1022	214*	165	40	6,5	1005	1005	25	234	72
2	BX ø 130	1284	-	-	-	-	-	-	-	275	96	1382	1382	-	523	85
2	BX ø 140	1375	-	-	-	-	-	-	-	295	96	1480	1480	-	548	85

*The BX 92 is also available with a controllable motor, A07 = 265 mm.

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Subject to alterations 09/2015

Application

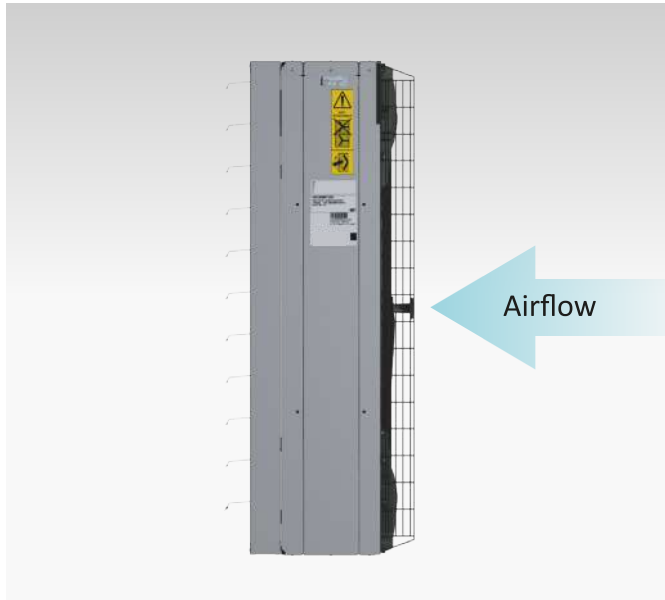
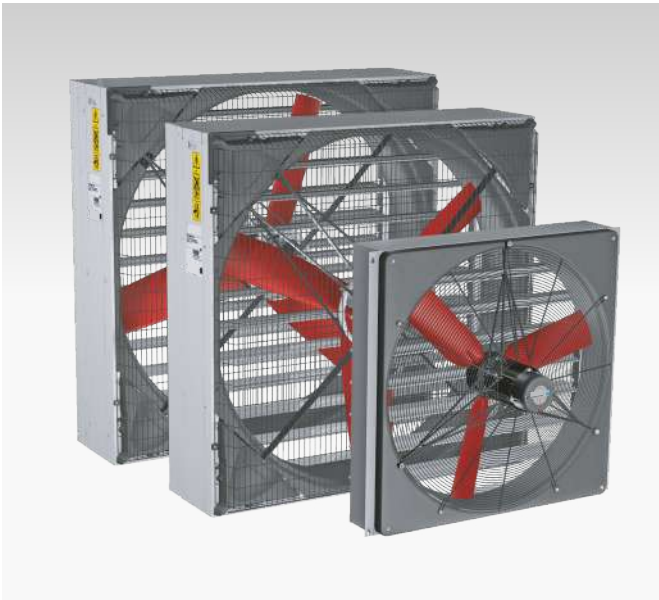
Our Storm Series Box Fan offers efficient ventilation for warehouses, factories, farmhouses etc.

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

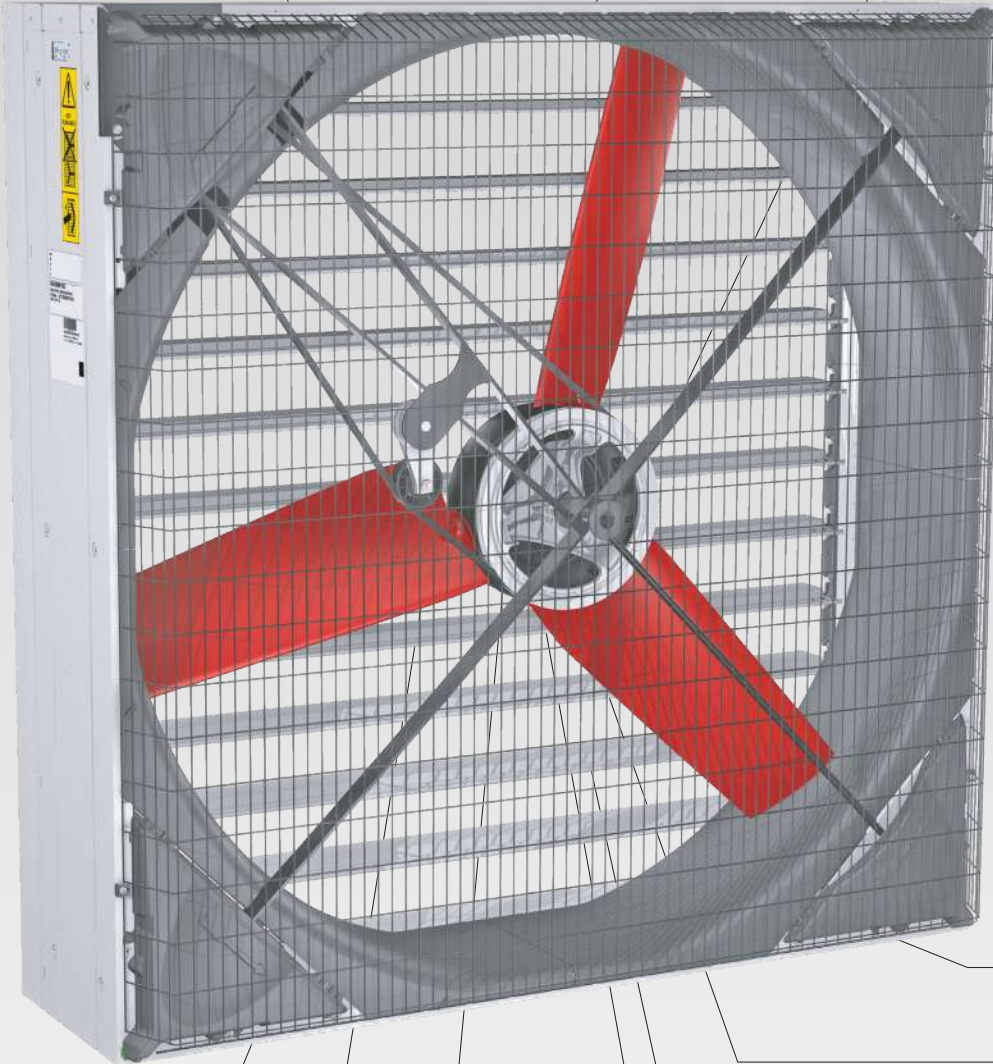
- Motors developed and produced in Europe
- Suitable to be used in aggressive environment

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



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

Specially shaped plastic radius

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

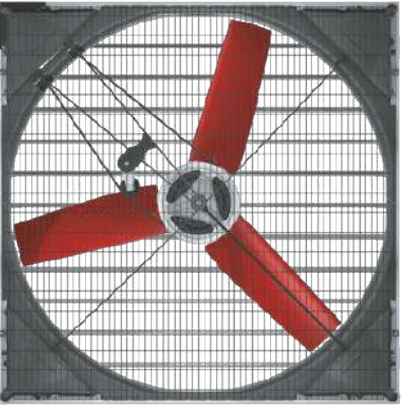
Unique aerodynamic blades

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

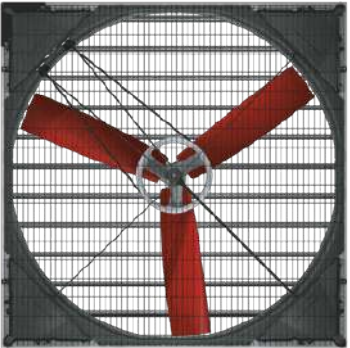
Abrasion resistant aluminum blade-pulley

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

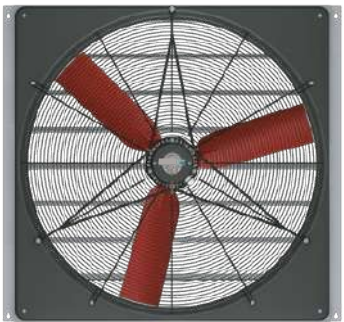
Range



BX 140



BX 130



BX 92



Galvanized Box Fans in 5 blades



Galvanized Cone Fans