



Est. 1938

Belt and Direct Drive In-Line Centrifugals Models XB and XD

Models XD and XB are square in-line centrifugal fans designed to eliminate costly round to square ductwork transitions with the flexibility of any angle operation. XD is direct driven and XB is belt driven. Model XD is available in five sizes with capacities up to 5445 CFM and up to 1 3/4" static pressure. Model XB is available in eight sizes with capacities up to 28,332 CFM and up to 2 1/2" static pressure. AMCA "B" spark resistant construction is standard on both models. The XD is suitable for airstream temperatures up to 140°F and the XB up to 200°F.



Construction Features

Housing

- Heavy duty galvanized steel construction
- Removable side panels on both sides for easy access and serviceability
- Fully gasketed and bolted access panels provide weather protection

Centrifugal Wheel

- Aluminum construction with backward curved hollow airfoil blades
- Non-overloading design for safe operation
- Precision balanced for smooth vibration free operation

Bearings

- Permanently lubricated in Acme D.S. pillow block housing
- Bearings are resiliently mounted in neoprene rings
- Rated at L₅₀ life of 200,000 hours
- **5 year** limited warranty on Acme D.S. pillow block bearings
- Pillow block bearings are standard on XB425

Drive Assembly

- Located out of the airstream
- Cast iron drives sized for 150% of drive horsepower
- Static free, oil and heat resistant belts

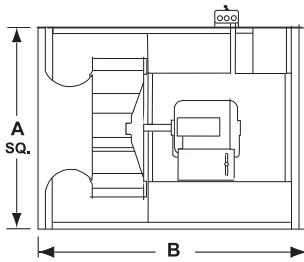
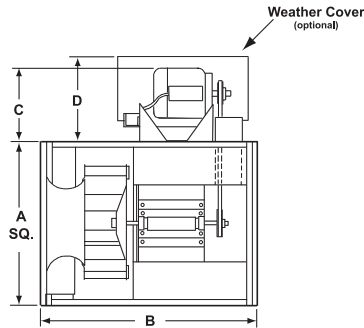
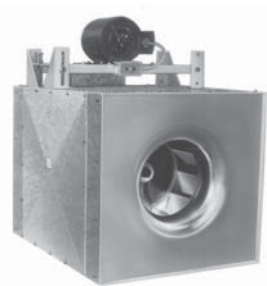
Motors

- Continuous duty motors located outside the airstream
- Prelubricated ball bearings

Options/Accessories

- Aluminum Housing
- Solid State Speed Controllers
- Dampers
- Coatings
- Guards/Covers
- Isolators
- Filter box
- Side Discharge Flange
- Insulated Housing

Inline Centrifugal Fans



DIMENSIONS

Fan Model	A	B	C Max.	D Max.
XB090	14.00	18.56	12.12	14.06
XB120	17.88	24.88	11.19	15.25
XB137	20.50	28.13	11.19	15.25
XB161	24.25	32.69	13.69	18.50
XB200	30.00	39.75	13.69	18.50
XB245	36.75	48.06	13.69	18.50
XB300	45.00	58.31	16.38	20.00
XB365	54.75	71.06	16.38	20.00
XB425	63.88	72.75	13.88	17.68
XD100	14.00	18.62	NA	NA
XD120	17.88	24.88	NA	NA
XD137	20.50	28.12	NA	NA
XD161	24.25	32.63	NA	NA
XD200	30.00	39.75	NA	NA

Dimensions are shown in inches.



Acme Engineering & Manufacturing Corporation certifies that the models shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



U.L. 705 Listed



CSA Certified

Consult your Acme representative for availability.