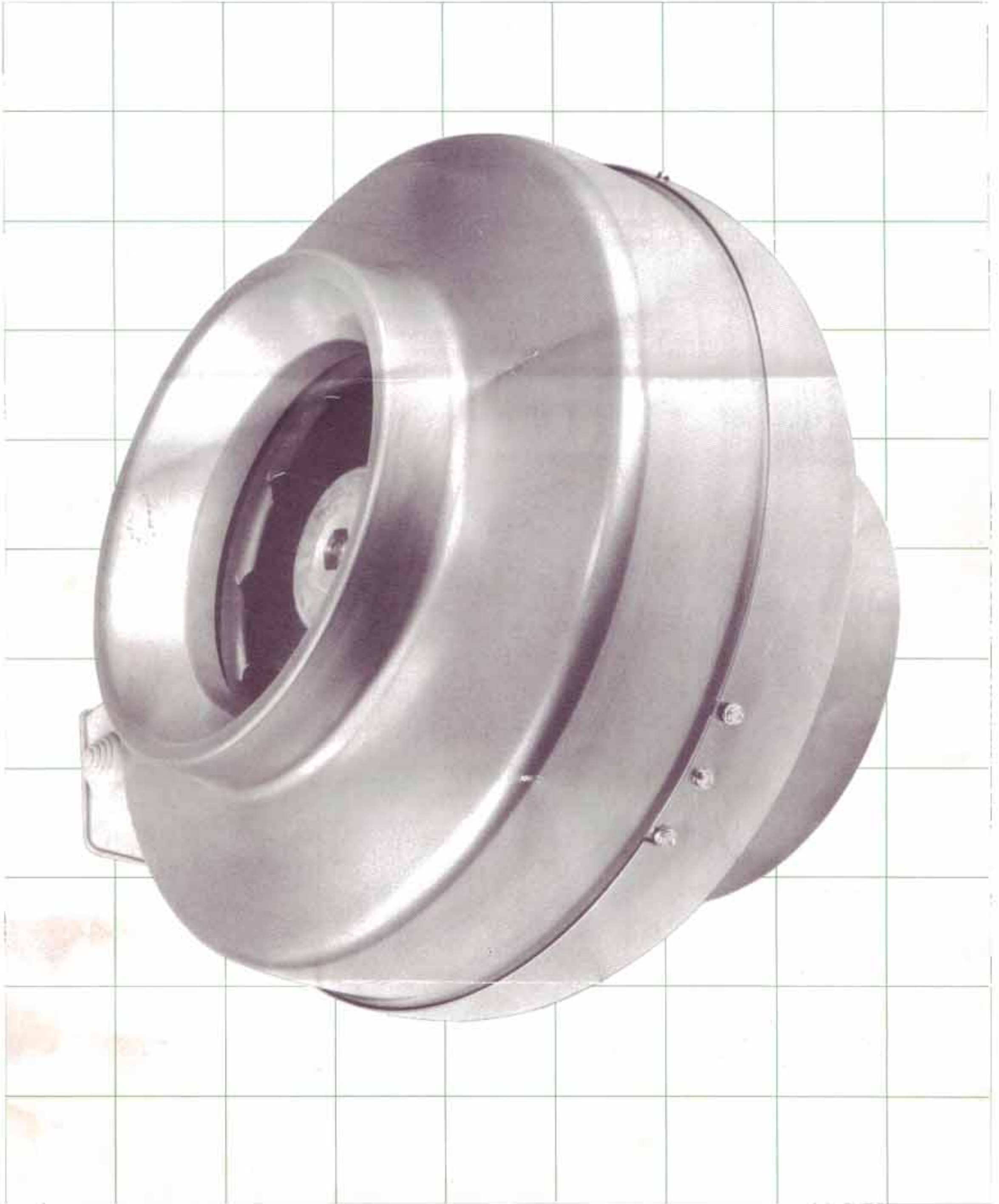


**AXC Series
In-Line Centrifugal Fan**

Technical Data



Features

General

The temperzone AXC Series in line ducted centrifugal fan provides a high performance supply or exhaust system where a small or medium volume of air is required to be moved against a medium to high static pressure to and from enclosed spaces.

Typical Applications

Toilets
Shops
Offices
Transformer Rooms
A/C Fresh Air Make Up
Horticulture
Zoological Houses
Confined Work Spaces
Ventilation
Heat Transfer
Motel Bathrooms

Construction

Spun Galvanized Steel Outer Case primed and stove enamel finished for corrosion protection.
Backward Curved Centrifugal Fan with external rotor motor, with sealed for life bearings, wired to external terminal box.

Electrical

220 / 240 volt AC
Single Phase
Speed Regulation to 100%
Max. Air Temperature 60°C
Impedance Protected
Radio Interference Protected

The external rotor motor, single phase wiring, is pre-wired to a terminal block inside the externally mounted terminal box.

Installation

The AXC units are compact in dimension enabling installation in the most accessible position for easy installation, maintenance, and by integrating with standard duct sizes, can be installed away from the space to be ventilated.

The AXC units can be installed or removed by simply screwing or unscrewing the ducting clamps, available as an accessory, securing rigid or flexible ducting quickly and firmly. The duct clamps are foam backed to assure a positive fit and to act as sound insulators.

The AXC units produce an axial air flow utilizing the favourable centrifugal fan characteristics thereby allowing the straight duct run benefits of less bends and associated duct losses.

Backdraught shutters are available as an accessory for all AXC unit sizes where it is desirable to prevent back flow or loss of conditioned air when the AXC fan is off. This is especially helpful when energy saving is a consideration.

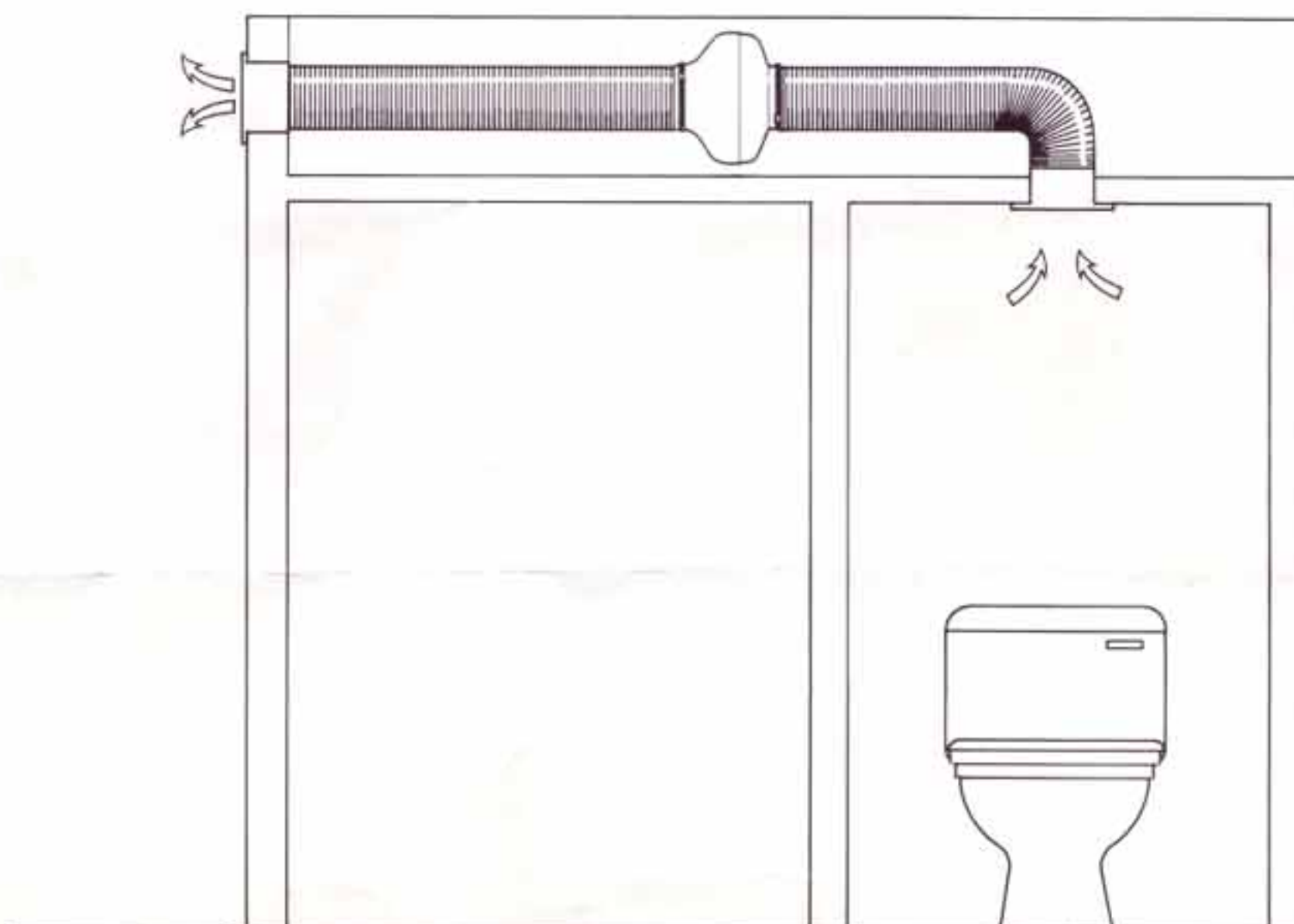
Electronic stepless speed controllers are available as an accessory for all AXC unit sizes. These provide 100% speed regulation enabling exact duty requirements to be met and providing a unit that will meet the changing environmental requirements of summer and winter duties.

temperzone flexeduct flexible ducting and Krueger grilles, diffusers, louvres and dampers are available ex stock to provide the complete installation package from inlet to outlet.

Manufacturers Note

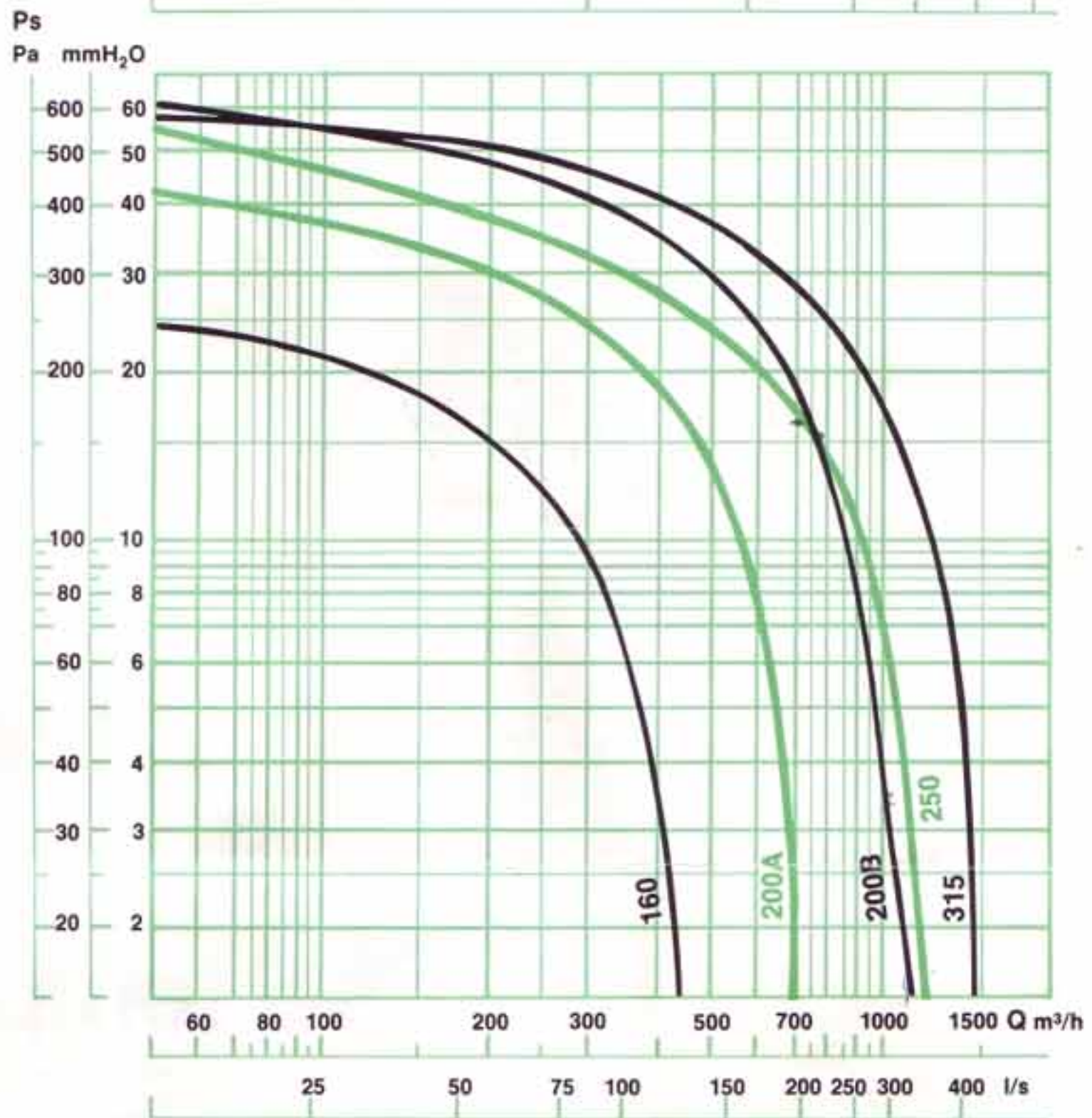
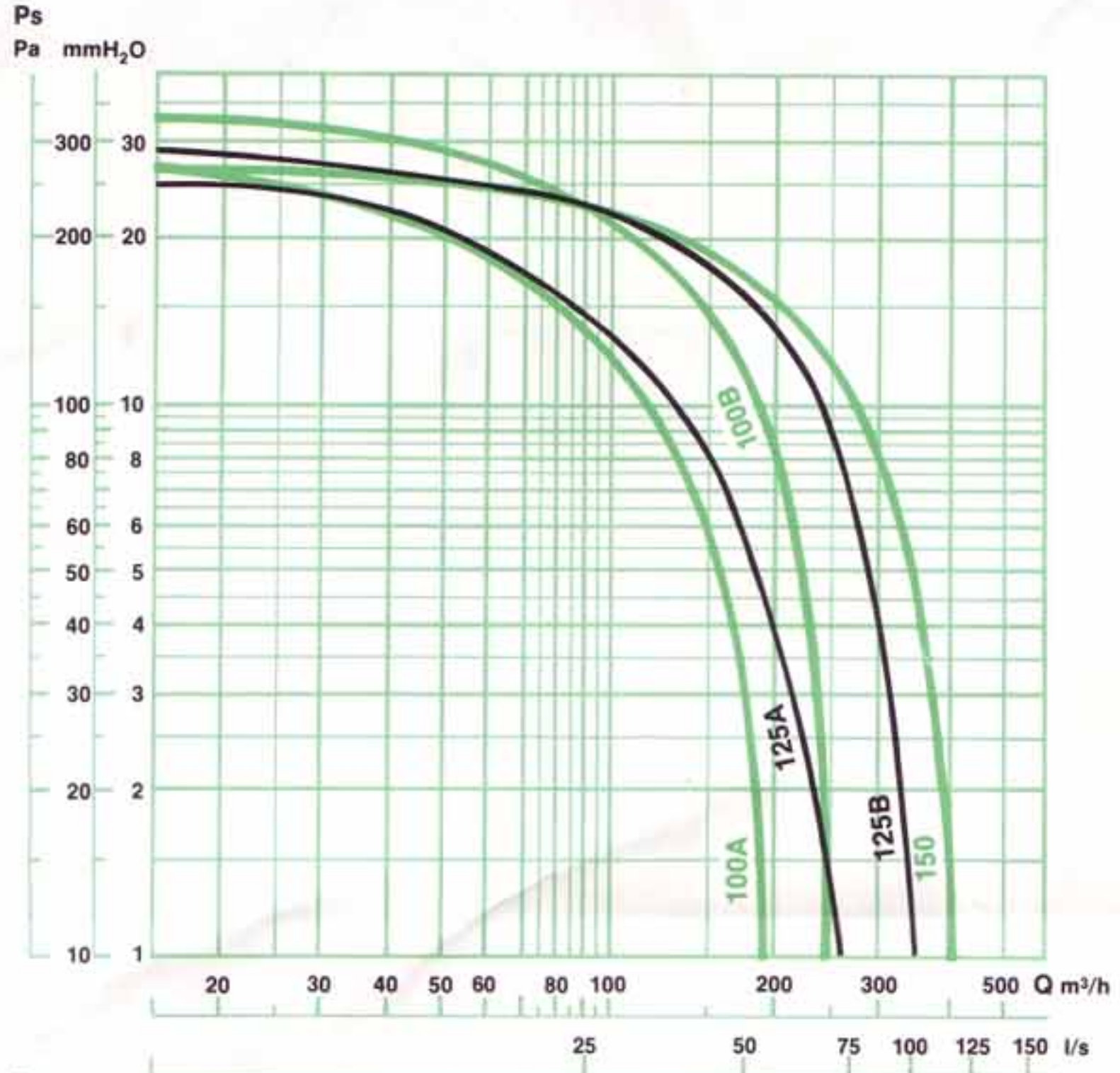
The manufacturer reserves the right to change prices or specifications at any time without notice or obligation. Certified dimensions available on request.

Application Example

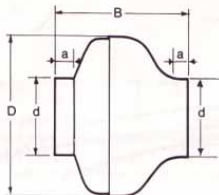


Performance Curves

Conversion Factors
 $m^3/h \times 0.278 = l/s$
 $l/s \times 3.6 = m^3/hr$



Dimensions



MODEL	D	d	a	B	Q (m ³ /h)	Ps (mm H ₂ O)	Watt	A (220V 50Hz)	R.P.M.
• AXC 100 A	241	98	25	210	195	28	35	0.20	1750
AXC 100 B	241	98	25	210	250	33	70	0.33	2400
• AXC 125 A	241	123	25	210	270	26	40	0.20	1650
• AXC 125 B	241	123	25	210	360	30	70	0.33	2350
AXC 150	241	148	25	210	420	27	70	0.33	2500
• AXC 160	241	158	25	210	460	25	70	0.33	2400
AXC 200 A	335	198	25	230	710	42	95	0.45	2550
AXC 200 B	335	198	25	230	1080	60	150	0.70	2700
AXC 250	335	248	25	230	1180	55	215	1.00	2650
AXC 315	404	313	30	295	1470	58	215	1.00	2650

• AVAILABLE ON INDEXT ONLY

Accessories



Speed Controller

Electronic stepless speed controller providing 100% speed regulation to meet exact duty requirements summer and winter.