



TUBE FAN

SERIES OX

INTRODUCTION

The OX range of tube fans, or inline duct fans as they are sometimes referred to, are used mainly for moving small to medium air volumes through duct runs with relatively high resistance's. Suitable for domestic, commercial and industrial applications makes this air mover the obvious choice. Typical installations include offices, shops, restaurants and any other small environments where air is to be moved from one point to another or where the fan distributes air to one or more areas via branch ducting. Available in eleven models, in diameters from 100mm to 315mm and with inlet and identical sized discharge spigots to suit all standard flexible ducting. Air volumes of up to 513 l/sec and static pressures of up to 646 Pa are possible with these fans.



A legend sticker is fixed to the lid of the terminal box providing all technical data for the unit.

MOTOR

The IP44 motor is an external rotor type which is mounted inside the backward bladed impeller assembly and incorporates built in thermal overload protection. Each model is speed controllable when coupled to a suitable sized speed regulator. This offers great flexibility in achieving the desired air quantities required in any ventilation system. Specifications for the speed regulators are detailed in the table below.

SILENCERS

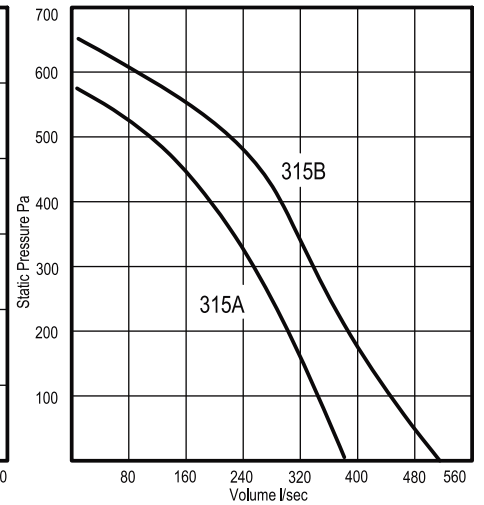
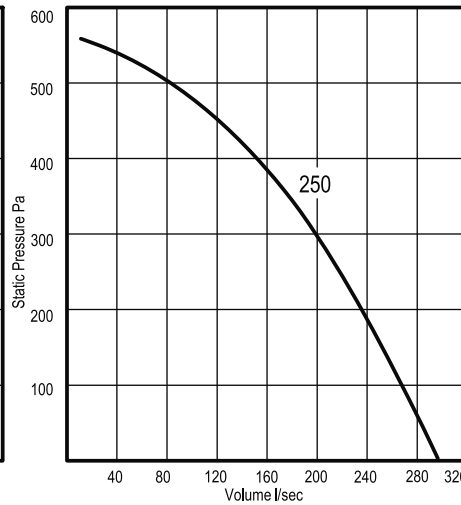
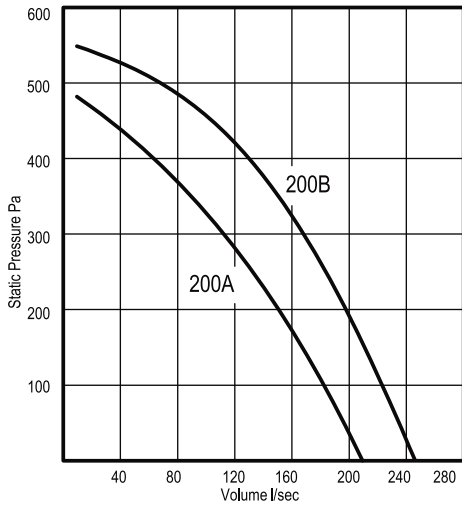
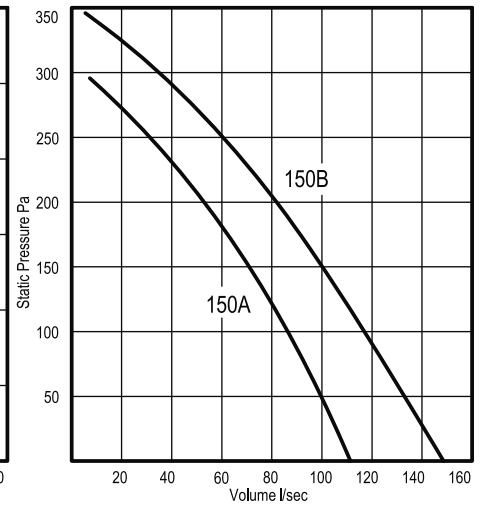
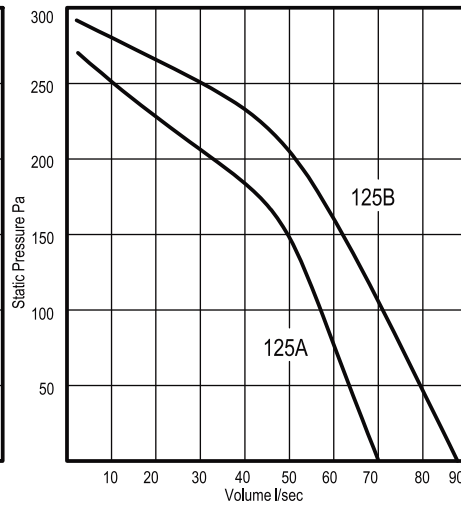
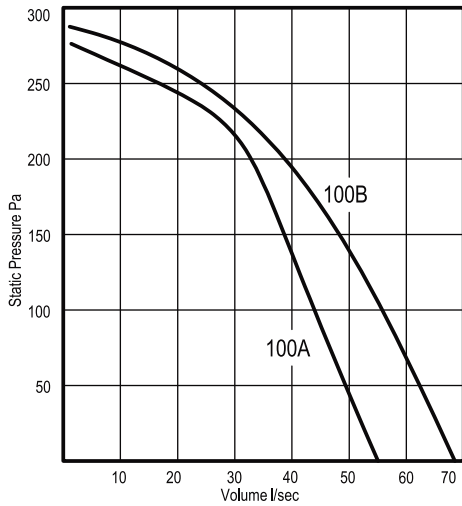
Silencers, or attenuators as they are often referred to, are available in various lengths for each model. Details and specifications are shown on our Sonex silencer publication.

CONSTRUCTION

The complete assembly is housed within a zinc coated corrosion resistant sheet metal casing and painted with a silver enamel finish. The unit comes complete with a mounting bracket. A PVC terminal box is mounted on the outside of the fan making the electrical connection to a 220 volt power supply a simple task.

SPEED CONTROLLER

CONTROLLER	FAN MODEL
OXMULTICTRL	ALL FANS

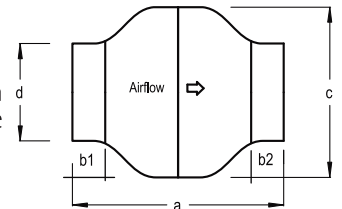


FAN DIMENSIONS

Fan Model	a	b1	b2	c	d
OX 100	198	23	22	240	100
OX 125	198	26	26	243	125
OX 150	224	25	26	333	150
OX 200	219	23	24	333	200
OX 250	204	22	29	333	250
OX 315	232	26	23	403	315

Note:

All dimensions are in mm. The 'd' dimension is identical on the inlet and discharge of the fan.



FAN SPECIFICATIONS

Fan Model		Max Air Volume l/sec	Max Pressure Pa	Speed rpm	Noise Level dBA/1.5m	Supply Voltage Volts	Freq. Hz	Current Amps	Power Watts	Weight Kg
OX 100	A	55	272	1821	32	230	50	0.13	30	3
	B	70	293	2512	36	230	50	0.26	60	3
OX 125	A	70	285	1748	28	230	50	0.14	30	3
	B	89	288	2373	40	230	50	0.30	70	3
OX 150	A	111	294	2410	39	230	50	0.22	50	3
	B	148	348	2465	43	230	50	0.43	90	5
OX 200	A	209	492	2230	40	230	50	0.45	100	5
	B	245	541	2578	42	230	50	0.65	140	5
OX 250		296	568	2520	46	230	50	0.80	170	5
OX 315	A	387	554	2570	44	230	50	0.71	160	8
	B	513	646	2630	48	230	50	1.30	300	9



Luft Industries Natal (Pty) Ltd
 21 Aloefield Crescent, Springfield Park, Durban.
 Tel: +27 31 579-3999 • Fax: +27 31 579-2999 • Email: info@luft.co.za
 Website: www.luft.co.za