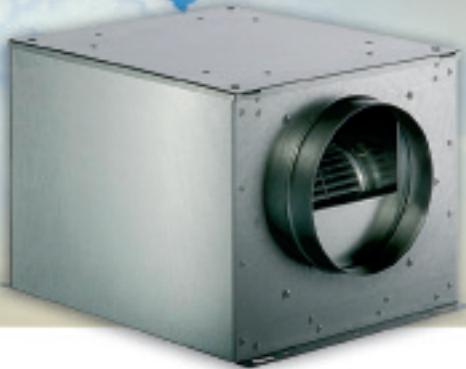


Xpelair LoSound C LQTC

Attenuated inline fans



Key features

Type:	Attenuated inline
Application:	Commercial/Industrial
Control options:	Speed control and humidity/PIR sensing



The Range

The Xpelair **LoSound** range of attenuated inline fans consists of six models for use in ducted applications where high performance and low sound levels are required. Suitable for commercial and industrial applications such as schools, shops, offices, pubs and restaurants, the compact design allows easy installation above suspended ceilings or floor voids using the mounting points provided. The high performance, low noise level motor combined with a cabinet lined on four sides with 40mm sound absorbent material makes **LoSound** range particularly suitable where low sound operating levels are necessary.

All models can be installed with the covers upwards or inverted.

The Xpelair **LoSound** range is suitable for ambient temperatures up to 40°C.

Optional speed controller is available.

Models

- Galvanised sheet metal casing with integral keyhole fixing points
- The casing is lined on four sides with 40mm faced attenuation material
- The unit is provided with a removable cover with quick release catches for periodic inspection and cleaning
- External rotor motor and forward curved centrifugal fan assembly dynamically balanced in two planes. The motor is maintenance free with sealed for life bearings, and integral thermal overload protection
- The IP44 capacitor start and run motor is rated for continuous running
- Class B motor
- A 3m three core flexible cord is provided with the unit

Select the right product for your application

	LQTC125	LQTC150	LQTC200	LQTC250	LQTC315	LQTC355
Reference number	91989AA	91990AA	91991AA	91992AA	91993AA	91994AA
Extract performance (m ³ /s)	0.10	0.11	0.21	0.31	0.48	0.69
Sound pressure level (dB(A)@3m)	31	32	39	39	42	48
Sound breakout (dB(A)@3m)	27	27	30	22	32	41
Motor electrical power (W)	100	100	165	275	550	880
Electrical current SC (A)	0.5	0.5	0.8	1.3	2.5	4.2
5 step transformer speed controller	91367AA	91367AA	91367AA	91367AA	91368AA	91369AA
Guarantee (years)	2	2	2	2	2	2

Controllers

5 Step Transformer Speed Controller

- Multi-tapped auto transformer giving 5 speeds allowing accurate adjustment to suit site conditions
- Provides five speed and On/Off function
- Robust ISO casing
- IPX4 protected



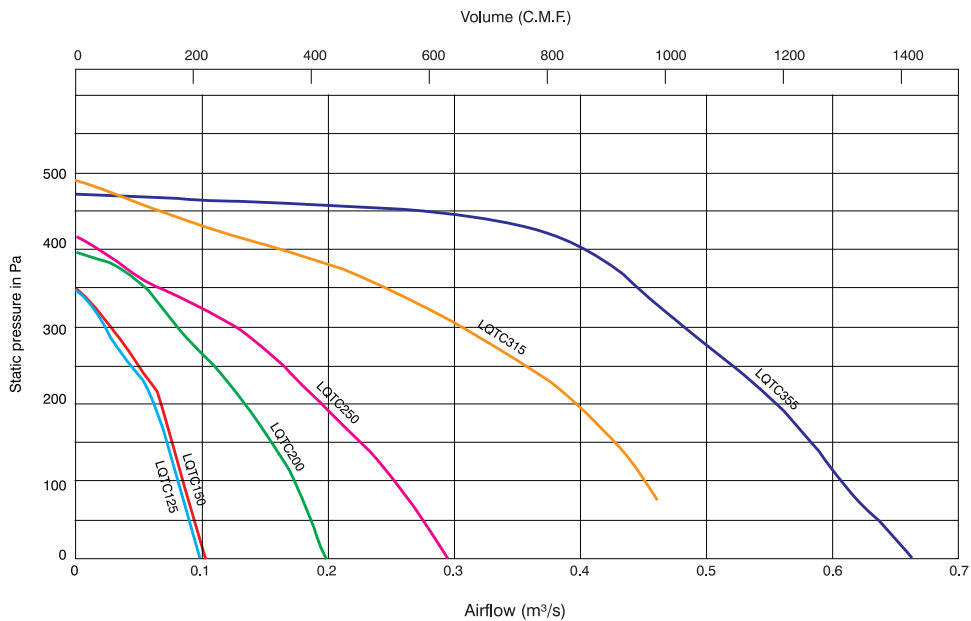
TI-1.5A
Ref.91367AA

TI-3.5A
Ref.91368AA

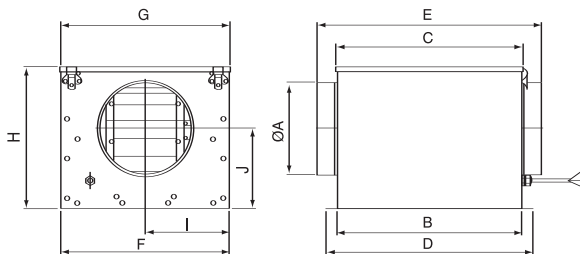
TI-6A
Ref.91369AA

Typical Specifications on page 178.

Performance



Dimensions (mm)



Dimensions (mm)										
Model	ØA	B	C	D	E	F	G	H	I	J
LQTC125	125	400	406	448	464	365	368	247	126	154
LQTC150	150	400	406	448	464	365	368	247	126	154
LQTC200	200	400	406	448	486	365	368	306	183	174
LQTC250	250	400	406	448	494	468	471	322	234	173
LQTC315	315	450	456	498	528	540	543	397	270	206
LQTC355	355	600	606	648	678	600	603	467	236	268

Installation and Accessories

An extensive range of accessories are available to complete the installation of the Xpelair LoSound C Range of inline centrifugal fans.

- Xflex FD
- Worm drive clips WDC
- Grille box GB
- Egg crate ceiling grille CG
- Ceiling diffuser grille DC
- Circular silencer SIL
- Inline duct heater IDH
- Air operated louvre shutter XLG
- Spigot plate SP
- Wall duct WD
- Flexible connector FCC

For details refer to pages 156-159.