

Approvals:



2yr Guarantee

Versatile attenuated inline fan

Key features

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

The range

Where higher general ventilation duties are required the new Xpelair CubeX range provides a flexible solution designed with a choice of duct sizes. Installed in offices, commercial buildings, public areas, the leisure industry and industrial applications. Xpelair CubeX models combine high performance backward curved inline fans with sound attenuation and robust steel housings. Each model is available with a choice of two spigot sizes to suit duct design. The range is available in four sizes with a choice of two spigot sizes for each ranging from 315mm to 450mm. A full range of Xpelair ventilation accessories is available.

Models

Xpelair CubeX CMAX CBXC Model / Ref

- CubeX CBXC250S315 / 91508AA
- CubeX CBXC280S355 / 91509AA
- CubeX CBXC315S315 / 91510AA
- CubeX CBXC315S355 / 91512AA
- CubeX CBXC355S315 / 91513AA
- CubeX CBXC355S355 / 91514AA
- CubeX CBXC400S400 / 91515AA
- CubeX CBXC400S450 / 91516AA

- Backward curved impeller and external rotor motor assembly with maintenance free long life bearings
- Thermal contacts connected to terminals
- Full motor protection through external tripping device
- Rigid frameless sheet metal construction
- Galvanised double skin casing with 40mm insulation
- Includes condensation drain facility
- 220- 240V single phase

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

Technical specification

The unit is to be supplied from the Xpelair CBXC range by Applied Energy Products Ltd. Morley Way, Peterborough PE2 9JJ. Tel. +44 (0)1733 456789 Model / Ref

- CBXC250S315 / 91508AA
- CBXC280S355 / 91509AA
- CBXC315S315 / 91510AA
- CBXC315S355 / 91512AA
- CBXC355S315 / 91513AA
- CBXC355S355 / 91514AA
- CBXC400S400 / 91515AA
- CBXC400S450 / 91516AA

• Unit casings shall be constructed from galvanised sheet metal using a frameless construction method. The casing shall be double skin with the addition of 40mm of sound attenuating insulation, the casing shall be available with a choice of two spigot sizes for adaption to site ductwork

• Fan shall be high efficiency backward curved with matched external rotor. The motor shall be fitted with sealed for life bearings and be fitted with Thermal overload protection to the terminal block with full motor protection through an external tripping device

• Speed control shall be through an optional variable voltage device

Product variations

	CBXC400S450	CBXC400S400	CBXC355S355	CBXC355S315	CBXC315S355	CBXC315S315	CBXC280S355	CBXC280S315
Reference number	91516AA	91515AA	91514AA	91513AA	91512AA	91510AA	91509AA	91508AA
Spigot size (mm)	450	400	355	315	355	315	355	315
Extract performance (m ³ /s)	1.13	1.11	0.68	0.65	1.01	0.98	0.74	0.70
Sound pressure level	70	70	63	63	73	73	69	69
Max electrical power rating (W)	560	570	280	280	920	950	680	660
Electrical current SC (A)	3.3	91368AA	1.5	1.5	4.9	5.0	4.1	3.9
5 step transformer speed	91368AA	3.3	91367AA	91367AA	91369AA	91369AA	91369AA	91369AA
Guarantee (years)	2	2	2	2	2	2	2	2



