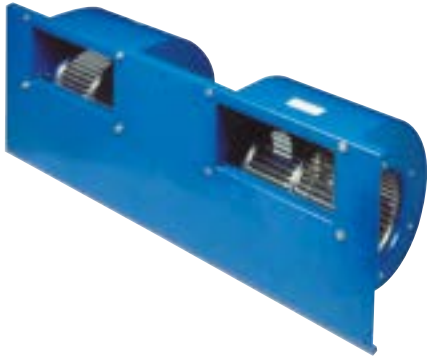


# Duplex Blower

Wider discharge centrifugal fan



## KEY FEATURES

- Ecodesign ErP 2015 compliant
- Twin scroll duplex arrangement
- Designed to deliver a volume where a wider discharge footprint is required
- Higher volumes achieved with quiet sound level from 55.5 dB(A)
- Low fan profile
- Excellent air velocity for process and electrical cooling

## Duplex Fans

The duplex or twin scroll fan is driven by a common motor with two drive shafts. This fan is designed to provide air across a wider discharge footprint at a much larger volume but with a smaller physical profile, for example across each surface of a heat exchanger. Variance for OEM applications is available on request

against a minimum order normally 100 off. Please apply to customer services for non standard designs.

The duplex fan covers up to 160 l/sec giving a definitive profile / volume advantage. Suitable for ambient air temperatures to 40°C.



## APPLICATIONS

- Air curtains
- Laminar flow / clean air cabinets
- Fan coil units / heat exchangers
- Air convection systems
- Filtration systems

\* Note - Fans not suitable for EEXE, EEXD, ATEX or corrosive atmospheres

- Military applications
- Medical applications
- Clean room environment
- Fabric conditioning / drying

## SPECIFICATIONS

Driven by 2 pole dual voltage, motor, with impeller constructed from aluminium within mild steel casing. Electrical connection is via flying lead on terminal block for ease of installation, normally via the pre-drilled outlet

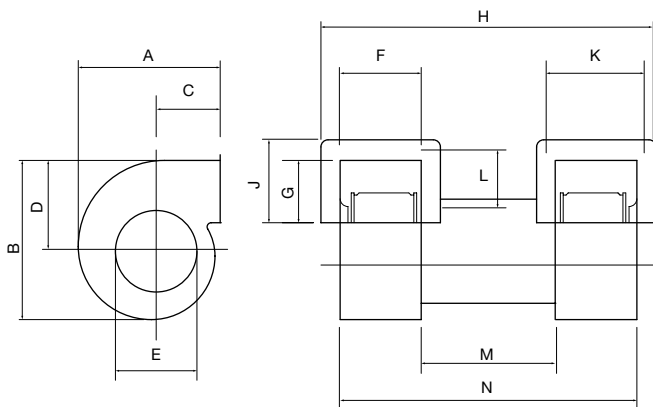
flanges, very low maintenance achieved by use of sealed for life bearings allowing a typical bearing life L10 – 25,000 hours in ideal conditions. Test data in accordance with BS 848 Part1/ ISO 5801-2007.

## TECHNICAL DATA

Fan Model	Supply voltage	Frequency	Capacitor value	Max running current	Start current (approx)	Max input watts	Max air flow	Min static pressure	Noise level	Speed at max air flow	Weight	Max ambient temp
	Volts	Hz	µF	Amperes	Amperes	Watts	Litres/s	Pascal	dBA*	Rev/m	kg	°C
40B2TX/2DUP	230	50	N/a	1.12	1.6	154	151	0	55.5	2200	3.2	40●

\*at 1 metre ● Thermal Protection

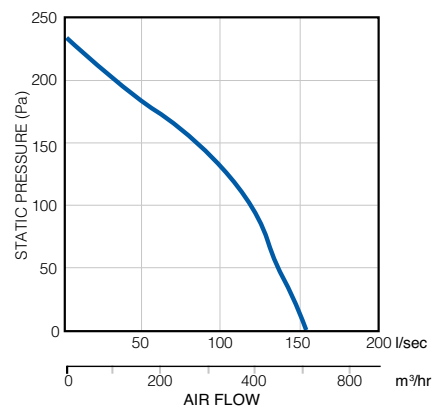
## DIMENSIONS



Fan Model	A	B	C	D	ØE INLET	F INSIDE	G INSIDE	H	J	K	L	M	N
40B2X/2/DUP	129	157	57	90	83	105	64	336	78	118	57	98	310

Dimensions are for guidance only - certified drawings available

## PERFORMANCE



## CONTROLS AND ACCESSORIES



See accessories page for the range of Commercial Speed Controllers

Call: 01494 560800

Visit: [airflow.com](http://airflow.com)



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