

Portacooler



Portable **Axial Flow Fans**

Portacooler SPC

Features & Benefits



Portacooler is a range of fully portable enclosed axial fans, ideal for localized free-standing cooling or ventilation which comes complete with guards fitted for safety, integral speed controller and a plug and lead so the fan is ready to run.

- **Maximum air flow 3.0 m³/s.**
- **3 sizes, 350mm, 450mm & 560mm.**
- **Free standing.**
- **Variable fan position.**
- **Highly efficient, lightweight induction motors.**
- **Motors protected to IP55, with Class F insulation.**
- **Safety guards front and rear.**
- **Suitable for operating temperatures up to 50°C.**
- **Flying lead with 13A UK plug.**
- **Supplied ready to run.**
- **One piece tubular frame.**
- **Saddle feet fitted to protect frame.**
- **Variable speed control.**
- **Rugged construction.**

Features & Benefits

Design - The SPC is a fully portable enclosed fan with guards fitted each side for safety, and is light enough to be portable which makes this a versatile product.

Material strength – The fan casing is a robust construction with all parts treated to ensure full corrosion protection, with casing and motors epoxy powder coated and guards are zinc plated.

Performance - Adjustable pitch aerodynamic impellers designed for maximum performance as it provides a good velocity profile (or throw) over long distances.

Adjustable - The SPC has a 'fan angle adjuster' for variable setting, which allows the person operating the unit to adjust the direction of the air flow to individual requirements.

Motors – These are protected to IP55 which means they are highly resistant to dust and water ingress.

Cost effective – Very efficient for moving high volumes of air.

Speed controllable – Each fan is fully speed controllable with the integral controller, which means flexibility as the airflow can be altered to suit site conditions.

Reliability – Motors have sealed for life bearings.

Safety – All motors are fitted with integral thermal overload protection preventing the motor from overheating.

Stability – A sturdy mounting frame on durable rubber support pads means a very stable unit whilst operating in populated areas.

Convenience – Each unit is supplied with a flying lead and a 13A UK plug, so you can position the unit where it is convenient.

Range - Three sizes available so you can achieve the desired air volumes.

Tested to the very latest standards – SPC units are tested to ISO 5801:1997 (airside performance) and to BS 848 Pt 2:1985 (sound performance) meaning accurate, up to date information on performance and noise data that can be relied upon.

Quality assurance – All units are designed and manufactured with procedures as defined in BS EN ISO 9001: 2000.

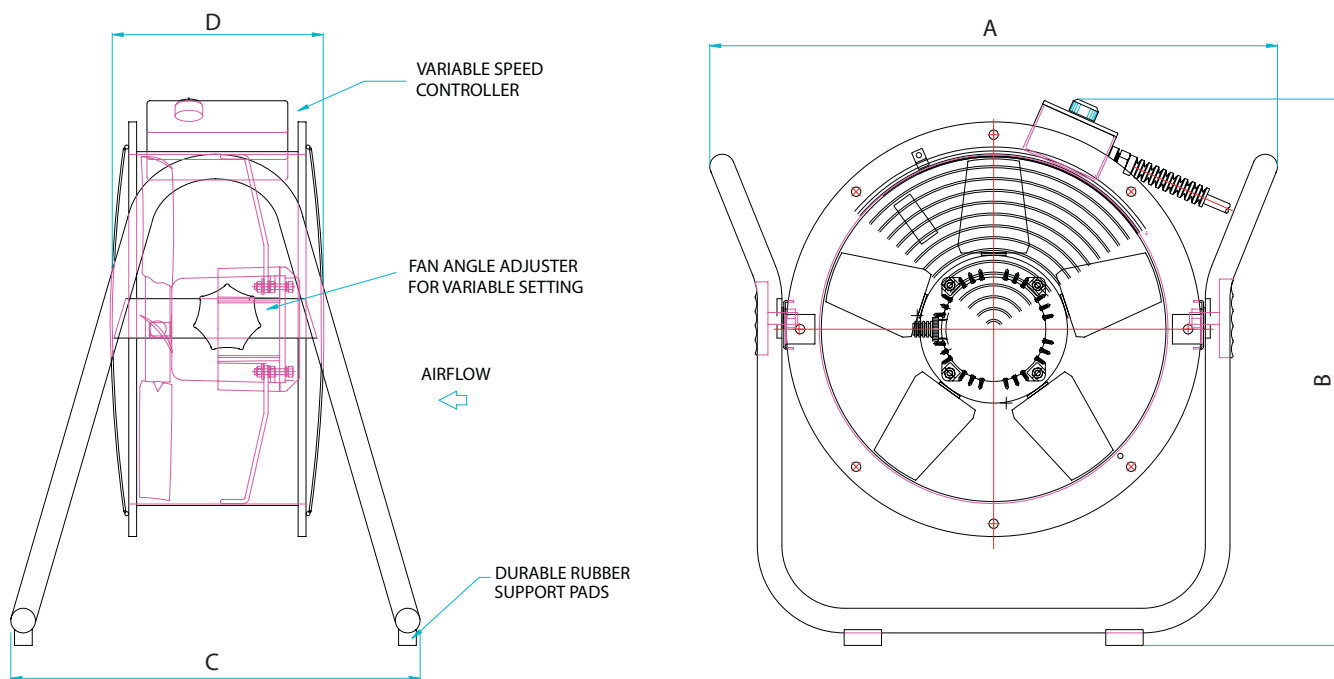
Warranty – Each Portacooler SPC has a 12 month warranty.

Typical Applications

Temporary ventilation, construction sites, machine shops, welding bays, foundries, marquees, workshops, gymnasiums and large offices.

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Dimensional & Performance Data



Product Code	A	B	C	D	Max Airflow m ³ /s	Max Speed r/min	FLC Amps	Output kW	Sound Level dBA @ 3m	Weight kg
SPC350/4-1	582	610	460	240	0.8	1320	0.90	0.09	56	18
SPC450/4-1	671	678	460	254	1.5	1300	1.80	0.25	63	24
SPC560/4-1	791	733	460	322	3.0	1350	4.90	0.75	69	33

Sound levels are average spherical free field values for comparative purposes only and will vary dependent on the fans surroundings.

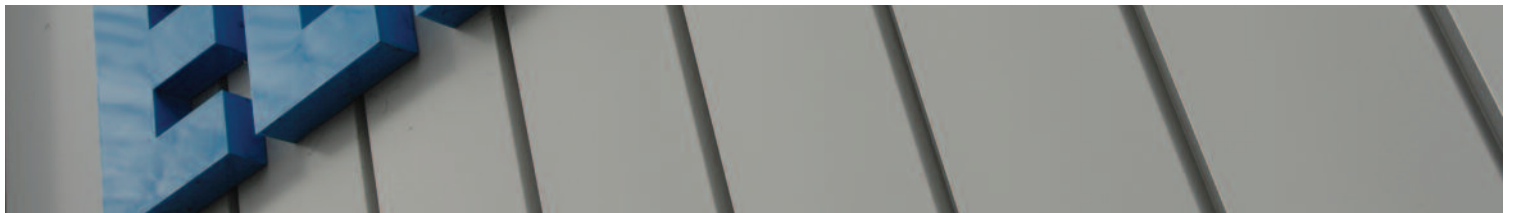
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Sound Data



SPC - SINGLE Phase

Product Code	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	dBA @ 3m
SPC350/4-1	73	85	79	75	69	66	62	56	56
SPC450/4-1	85	91	86	81	76	74	71	63	63
SPC560/4-1	84	90	89	91	81	79	74	70	69



Elta Fans Ltd - Applied Technology

17 Barnes Wallis Road,
Segensworth East Industrial Estate,
Fareham, Hampshire, P015 5ST, United Kingdom.

Visit: eltafans.com

e-mail: mailbox@eltafans.co.uk

Applied Technology:

Tel: +44 (0) 1489 566500

Fax: +44 (0) 1489 566555

Building Services:

Tel: +44 (0) 1384 275800

Fax: +44 (0) 1384 275810

Export:

Tel: +44 (0) 1489 566500

Fax: +44 (0) 1489 566555