

Portacooler



Portable **Axial Flow Fans**

features & benefits



Portacooler SPC

Portacooler is a range of fully portable enclosed axial fans, ideal for localised 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

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

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.

Safety – All motors are all fitted with integral thermal over-load 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.

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

Tested to the very latest standards – SMF units are tested to ISO 5801:1997 (airside performance) and to BS 848 Pt 2:1985 (sound performance) at Elta Fans own test facility, 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.

Reliability – Motors have sealed for life bearings.

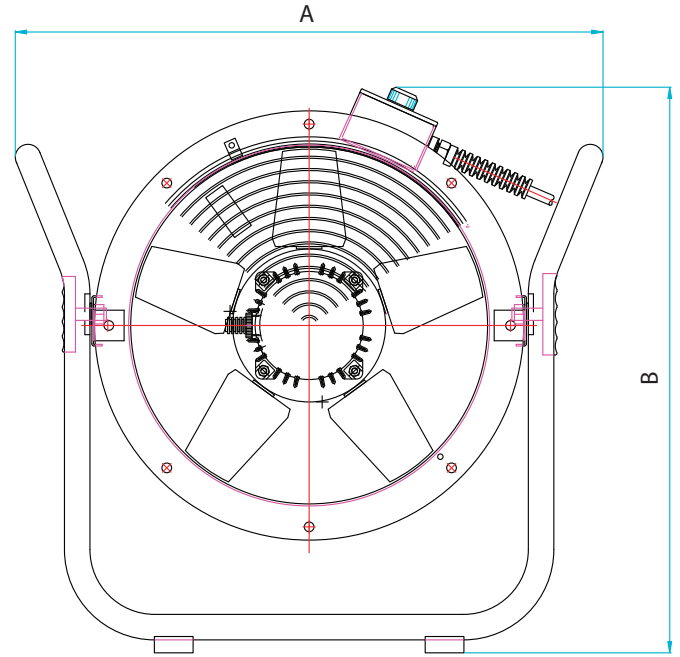
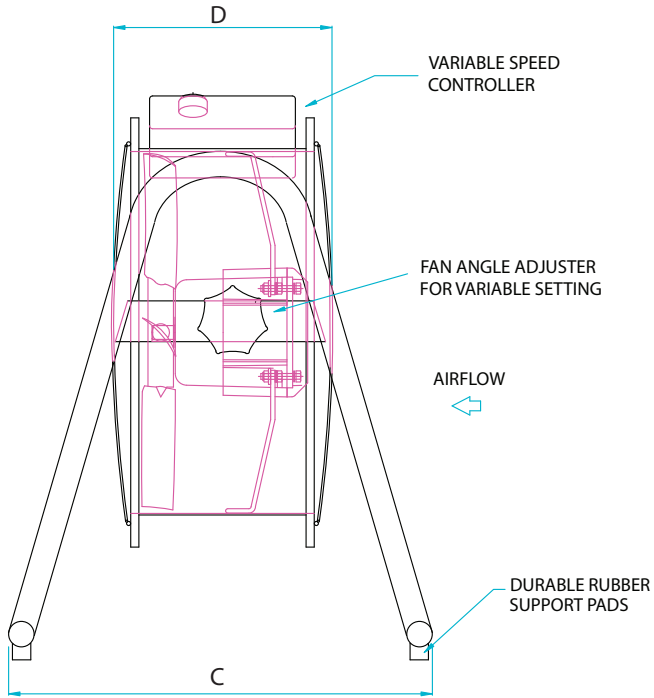
Warranty – Each SPC has a one year warranty.

Applications

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

dimensional data

Portacooler SPC



Product Code	A	B	C	D	Weight kg
SPC350/4-1	582	610	460	240	18
SPC450/4-1	671	678	460	254	24
SPC560/4-1	791	733	460	322	33

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Product Code	Max Airflow m ³ /s	Max Speed r/min	FLC Amps	Output kW	Sound Level dBA@3m	Weight kg
SPC350/4-1	0.8	1320	0.90	0.09	56	18
SPC450/4-1	1.5	1300	1.80	0.25	63	24
SPC560/4-1	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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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



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