



SPECIFICATION

General

The Portacooler SPC portable cooling fan shall be from the Select range of Elta Fans Ltd. The all metal fan casing shall provide a long lasting robust construction. All parts shall be suitably treated to ensure full corrosion protection. Fan casing and motor shall have a powder coated, highly durable, polyester epoxy paint finished in pastel beige (RAL 7032). The fan inlet and discharge shall be suitably protected by bright zinc plated steel wire guards. The unit shall be supplied complete with integral IP54 speed controller and flying lead fitted with 13A U.K. plug.

Impeller Assemblies

Adjustable pitch aerodynamic impellers shall be provided, made from high quality GRP. These shall be factory set at an angle to provide maximum performance. Hubs shall be made from die cast aluminium alloy (LM24).

Motors

Highly efficient, lightweight induction motors shall be provided, these will have sealed for life, maintenance free ball bearings. Each motor shall be matched to the aerodynamic performance of the impeller. Motors shall be Class F insulated to EN 60034-5, weatherproofed to IP55 and suitable for speed control. They shall have an integral thermal overload protection. The fan shall be suitable for operating temperatures of up to +50°C.

Quality Management

All units are to be designed and manufactured with procedures as defined in BS EN ISO 9001:2000. EEC directives shall be met.

ELECTRICAL INPUT

220 - 240V/1Ph/50Hz

N.B. For alternative electrical supplies including 60Hz please consult Elta Fans.

SINGLE PHASE - VARIABLE SPEED (INTEGRAL CONTROLLER) 220-240V / 1PH / 50HZ

Product Code	Dimensions				Max Airflow m ³ /s	Max Speed rpm	Sound Level* dBA @ 3m	Weight kg
	A	B	C	D				
SPC350/4-1	582	610	460	240	0.8	1320	56	18
SPC450/4-1	671	678	460	254	1.5	1300	63	24
SPC560/4-1	791	733	460	322	3.0	1350	69	33

* Noise levels can vary, depending on the fan's surroundings. They are quoted as average spherical free field values (for comparative use only).