



Product Code	A	B	C	D	E	Weight kg.
SMF132E	210	260	30	200	310	1.9
SMF204E	350	410	60	350	570	4.5
SMF202E	350	410	60	350	570	4.6
SMF254E	350	410	60	350	570	6.1
SMF252E	350	410	60	350	570	5.9
SMF306E	350	410	60	350	570	6.5
SMF304E	350	410	60	350	570	6.5
SMF302E	350	410	60	350	570	6.9

## SPECIFICATION

### General

The Miniflow roof unit axial fan SMF shall be from the Select range of Elta Fans Ltd. The top cowl and fan support housing shall be manufactured from UV-stabilised plastic, finished in goose wing grey (BS 00-A-05). The unit shall incorporate steel components including the fan, fan housing and brackets in a corrosion resistant finish. Each SMF unit can be mounted on most slopes up to 30°.

### Impeller Assemblies

The impeller is aerodynamically designed by combining the impeller with the rotor of the external rotor motor. Motor and impeller are balanced to quality class G6.3.

### Motors

External rotor, squirrel cage induction, with sealed for life ball bearings. Motors shall be IP44 and Class 'B' insulation.

All units are suitable for ambient operating temperatures of up to +50°C.

Motors are wound for 220-240v/1Ph/50Hz A.C. supply, with built in thermal overload protection, except the SMF132E which is impedance protected.

### Quality Management

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

All SMF units are to be tested to ISO 5801:1997 (airside performance) and BS 848 pt 2:1985 (sound performance).

## ACCESSORIES

- ◆ Backdraught Shutters
- ◆ Cowl only
- ◆ Speed Controllers

## SINGLE PHASE - FIXED OR VARIABLE SPEED 220V-240V / 1PH / 50HZ

Product Code	Speed rpm	Airflow m <sup>3</sup> /sec @ Static Pressure Pa.									Motor Electrical Data		Speed Controller	Sound Level dBA @ 3m	
		0	25	50	75	100	125	150	175	200	FL Amps	Input Watts			
SMF132E	2760	0.08	0.08	0.06	0.05	0.03						0.25	40	EL13	43
SMF204E	1440	0.09	0.07	0.04	0.02							0.13	30	EL13	38
SMF202E	2580	0.22	0.20	0.16	0.12	0.10	0.09	0.07	0.06			0.35	70	EL13	50
SMF254E	1380	0.25	0.21	0.16	0.11	0.06						0.29	58	EL13	42
SMF252E	2520	0.39	0.35	0.31	0.27	0.22	0.19	0.15	0.12	0.08		0.54	118	EL13	52
SMF306E	960	0.28	0.23	0.13	0.04							0.23	45	EL13	39
SMF304E	1320	0.43	0.34	0.26	0.19	0.13	0.07					0.45	50	EL13	44
SMF302E	2460	0.59	0.57	0.53	0.49	0.43	0.37	0.30	0.24	0.16		0.71	160	EL13	55

Sound levels are average spherical free field values (for comparative use only). Value at 50% peak pressure.