

QS

Square Plate Axial Fan

ELTA





Description

The QS is our solution for a clean, simple and efficient fan. With a classic design and quick install time let these axial fans make a difference in your bathroom today. Fan is ideal for air extraction in the bathroom, toilet and other small to medium spaces. Suitable to extract air directly outside or through short length ducting. This fan can be wall, ceiling and window mounted. Available in 100, 125 and 150mm models.

Typical Applications

Exhaust from toilets, ensuites bathrooms, washrooms and laundries.

Features

- Aerodynamic front cover for minimal resistance to airflow, easily removed for cleaning.
- Includes backdraft shutter that prevents outside air entering building when fan is switched off.
- Unique design winglet-type impeller, providing enhanced aerodynamic properties, low noise levels and increased efficiency.
- Angled guide vanes to improve efficiency and reduce noise.
- Built in spigot support to prevent distortion with strengthened guard to maximise airflow.
- Low power consumption with fan consuming less than 8 watts of power for operation for 100mm models.
- Single phase induction motors with integral thermal protection, mounted on sealed for life high quality sleeve bearings.
- Double insulated so no earth connection is required.
- Available in multiple versions.
- Suitable for continuous and intermittent running.
- Comes with 2 year warranty.

Construction

Fan housing made from high quality technopolymer which is shock proof and long lasting.

Finished in white RAL 9010 and UV resistant.

Model includes backdraft shutter.

Motor

Type - single phase induction motor.

Electricity supply - single phase 220-240V, 50/60Hz.

Bearings - sleeve.

Maximum ambient temperature - 50°C.

Class II insulation, IPX4 rated.

Internal Thermal Protection

Model 100, 125 and 150 - fuse.

Testing

Airflow to ISO 5801:2007

Noise to ISO 3741:2010

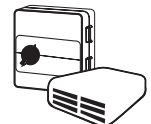
Ancillary Equipment



Duct



External Grilles



Controllers

Suggested Specification

The wall/ceiling fan shall be of the QS Series as supplied by Elta and be of the models shown.

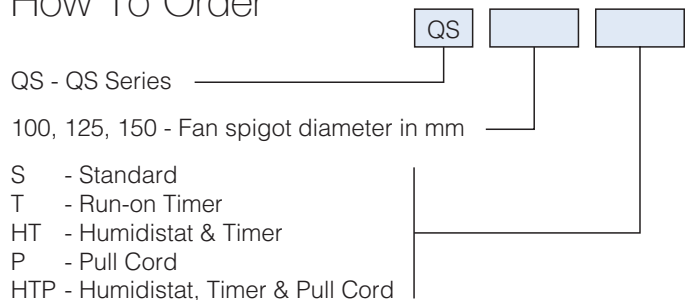
It shall have single phase induction motor with built in thermal protection and backdraft shutter.

All models shall be fully tested to ISO 5801:2007 for airflow and ISO 3741:2010 for noise.

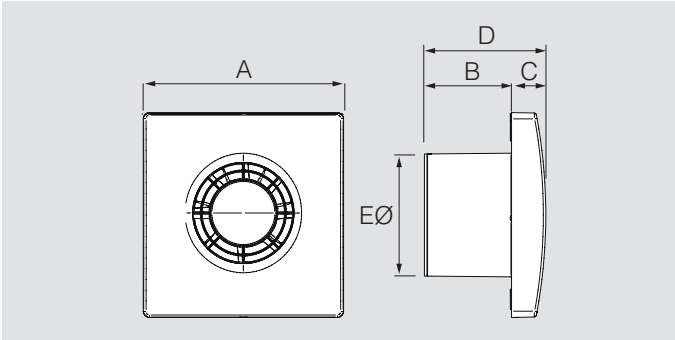
Technical Data

Model Number QS...	Free Air m ³ /sec	Avg. dB(A) @ 3m	Watts	Max. °C
100	0.024	26	8	50
125	0.049	33	14	50
150	0.092	42	24	50

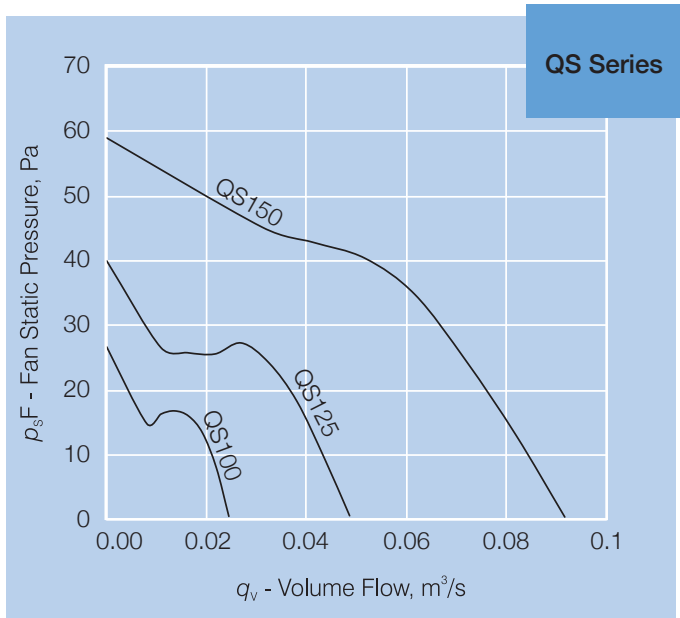
How To Order



Dimensions



Model	Dimensions, mm					Approx. wt. kg
	A	B	C	D	EØ	
100	164	70	28	98	99	0.6
125	184	81	27	108	119	0.7
150	218	97	27	124	148	1.2





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QS-05-2026 Issue A



FS 676456

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