

SHEVTEC Powered Extract Fan



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SE Controls SHEVTEC® range of fans are designed to extract hot gases from corridors and lobbies via smoke shafts

All fan sets are tested to European Standard EN12101-3 and installed as part of a fire engineered solution. There are advantages in using mechanical smoke shafts over code compliant natural ventilation shafts, namely: the shaft sizes are generally smaller than ABD compliant shafts (typically 0.5m² vs 1.5m²). Furthermore the fan sets allow greater efficiency in achieving necessary pressure differences thereby allowing increased escape travel distances and reducing the reliance of multiple escape stair cores.

This version of the SHEVTEC® Powered Extract Fan comes as a duty and standby arrangement with an auto changeover function.

Technical Data

Example Fan Specification	
Air Volume	5m ³ /s
Duct Resistance	350 Pa
Fan Size	630mm
Motor Speed	2880
Motor kW	6.60 x 2
FLC	12.7A
SC (DOL)	FLCx 1.25
Supply	2400v / 3Ph / 50Hz
Typical System Weight (kg)	500
DB Rating	83 dBa- 87 dBa @ 3m
Part No Ductwork	SDW00000000
Part No Fan Set	SFW00000000



Applications



Smoke Ventilation

For project specific fan data contact SE Controls.

Technical Drawing

