## ISO 21927-5:2018 (E)

Smoke and heat control systems — Part 5: Powered smoke exhaust systems — Requirements and design

## **Contents**

	Fore	Foreword	
	Intro	Introduction	
1	Sco	Scope	
2	Normative references		
3	Terms and definitions		
4	Design principles		
5	4.1 4.2 4.3 4.4 4.5 4.5.1 4.5.2 4.5.3 4.6 4.7	General Height of space Target height of the clear layer, d, in a smoke reservoir, AR Area of smoke reservoir, AR Air supply General Natural air replacement Powered air replacement Duration of fire growth to be assumed in the design Design group culating the volume flow of the smoke gases to be exhausted	
	5.1 5.2	Basis of the calculation Using the tables	
6	Con	Component temperature classes	
7	Rules for installation		
8	Energy supply for powered smoke exhaust ventilators		
9	Controlling powered smoke exhaust ventilators		
10	Marking		

Page count: 14