DIN EN 15423:2008-09 (E)

Ventilation for buildings - Fire precautions for air distribution systems in buildings

Contents

Page

Foreword 3

1 Scope 4

2 Normative references 5

3 Terms and definitions 6

4 Air distribution system 7
4.1 General requirements 7
4.2 Design of air distribution systems 7
4.3 Installation 7

5 Requirements for components intended for fire precautions 7
5.1 General 7
5.2 Inlet/outlet louvres 8
5.3 Fans 8
5.4 Air control dampers 10
5.5 Duct 11
5.6 Fire dampers and smoke control dampers 11
5.7 Air terminal devices 12
5.8 Anchors and supports 13
5.9 Duct fittings 13
5.10 Control panels 13
5.11 Cables and connections 14
5.12 Air handling units 14
5.13 Air filters 15
5.14 Sound attenuators 16
5.15 Heat exchangers 16

6 Commissioning and maintenance of air distribution systems 16

7 Marking, labelling and product information 17

Bibliography 24

Annex A (informative) Checklist for components 18

Annex B (informative) Table of components/characteristics European Standards 20

Annex C (informative) Maintenance for fire dampers and smoke control dampers 22