

DIN EN 15727:2010-10 (E)

Ventilation for buildings - Ducts and ductwork components, leakage classification and testing

Contents		Page
Foreword		3
Introduction		4
1	Scope	6
2	Normative references	6
3	Terms, definitions and symbols	6
3.1	Terms and definitions	6
3.2	Symbols	8
4	Instrumentation	9
4.1	Calibration	9
4.2	Air flow rate measurement	9
4.3	Pressure measurement	9
4.4	Temperature measurement	9
5	Leakage	9
6	Test rig specifications	10
7	Test procedure	11
7.1	Method for testing a technical ductwork product	11
7.2	Calculation of the total joint length (L)	11
7.3	Calculation of the virtual product surface area (Ac)	11
7.4	Correction of leakage	12
7.5	Calculation of the product tightness factor (fc)	12
8	Test report	12
Bibliography		13