

DIN EN 13141-9:2008-10 (E)

Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 9: Externally mounted humidity controlled air transfer device

Contents		Page
Foreword		3
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Symbols and abbreviations	6
5	Performance testing of aerodynamic characteristics	6
5.1	Aero and hygro-dynamic performance	6
5.1.1	Principle	6
5.1.2	Test installation, conditions and uncertainty of measurement	6
5.1.3	Test procedure	9
5.1.4	Analysis of results	17
5.1.5	Test report	18
5.2	Other tests	18
5.2.1	Time response test	18
5.2.2	Air tightness when closed (for closeable externally mounted air transfer device)	19
5.2.3	Air diffusion in the occupied zone	19
5.2.4	Sound insulation	20
Annex A (normative)	Calculation method for the temperature coefficient	21
A.1	General	21
A.2	Analysis	21
A.3	Procedure	22
Bibliography		24