

DIN EN 15726:2011-12 (E)

Ventilation for buildings - Air diffusion - Measurements in the occupied zone of air-conditioned/ventilated rooms to evaluate thermal and acoustic conditions

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Test set up and conditions	5
4.1	General	5
4.2	Thermal loads	5
4.3	Furniture	5
4.4	Other conditions	5
5	Methodology	6
5.1	Sampling in a room	6
5.2	Measurements	6
5.2.1	General	6
5.2.2	Airflow rate	6
5.2.3	Velocities in the occupied zone	7
5.2.4	Temperature measurements	11
5.2.5	Sound pressure level	11
6	Test report	13
Annex A (normative) Operational and environmental conditions		14
Annex B (informative) Typical Flow Pattern		15
Annex C (informative) Intermittence and draught risk		16
Annex D (informative) Estimation of Air velocities in the occupied zone for different types of jets ...		19
Annex E (informative) Ventilation Efficiency Measurement		20
Bibliography		21