

DIN EN ISO 5135:2020-12 (E)

Acoustics - Determination of sound power levels of noise from air-terminal devices, air-terminal units, dampers and valves by measurement in a reverberation test room (ISO 5135:2020)

Contents

	Page
European foreword	3
Foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Acoustic test facilities and procedures	7
5 Installation and operation of equipment to be tested	8
5.1 General	8
5.2 Test installation of air-terminal devices, air-terminal units, dampers and valves for measurement of the sound radiated to the reverberation test room	9
5.3 Test installation of air-terminal devices, air-terminal units, dampers and valves for the measurement of the sound radiated to the reverberation test room by the connecting duct	11
5.4 Test installation of air-terminal devices, air-terminal units, dampers and valves for the measurement of the sound radiated to the reverberation test room directly from the equipment under test	12
5.5 Test installation of air-terminal units for the determination of casing radiated noise	13
5.6 Test procedures	14
6 Auxiliary facilities for acoustic testing	15
7 Measurements and calculations	15
8 Measurement uncertainty	16
9 Test report	17
Bibliography	19