

DIN EN 16304:2013-05 (E)

Automatic vent valves for gas burners and gas burning appliances

Contents		Page
Foreword		3
1 Scope		4
2 Normative references		4
3 Terms and definitions		4
4 Classification		5
5 Units of measurement and test conditions		6
6 Construction requirements		6
7 Performance		9
8 EMC/Electrical requirements		13
9 Marking, installation and operating instructions		15
Annex A (informative) Gas connections in common use in the various countries		18
Annex B (informative) Leak-tightness test - volumetric method		19
Annex C (informative) Leak-tightness test - pressure loss method		20
Annex D (normative) Conversion of pressure loss into leakage rate		21
Annex E (normative) Electrical/electronic component fault modes		22
Annex F (normative) Additional requirements for safety accessories and pressure accessories as defined in EU Directive 97/23/EC		23
Annex G (normative) Materials for pressurised parts		24
Annex H (informative) Additional materials for pressurised parts		25
Annex I (normative) Requirements for controls used in DC supplied gas burners and gas burning appliances		26
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2009/142/EC relating to appliances burning gaseous fuels		27
Bibliography		29
Tables Table 1 -- Operating cycles		13
Table ZA.1 -- Correspondence between this European Standard and Directive 2009/142/EC relating to appliances burning gaseous fuels		27