

DIN EN 16282-8:2017-12 (E)

Equipment for commercial kitchens - Components for ventilation in commercial kitchens - Part 8: Installations for treatment of aerosol; Requirements and testing

Contents		Page
European foreword		4
1	Scope	6
2	Normative references	6
3	Terms and definitions	7
4	Designations	7
5	Construction and function	8
5.1	General	8
5.2	Materials and surfaces	8
6	Technical safety requirements	8
6.1	General	8
6.2	Electrical equipment	9
7	Hygienic requirements	9
7.1	General	9
7.2	General hygienic requirements	9
8	Instructions	9
8.1	Installation instructions	9
8.2	Operating instructions	9
9	Markings	10
Annex A (normative) UV-Devices for the treatment of aerosol		11
A.1	Scope	11
A.2	Normative references	11
A.3	Terms and definitions	11
A.4	Designations	11
A.5	Construction and function	11
A.6	Technical safety requirements	12
A.7	Hygienic requirements	13
A.8	Instructions	13
A.9	Markings	14
Annex B (normative) Ozone generator for the treatment of aerosol		15
B.1	Scope	15
B.2	Normative references	15
B.3	Terms and definitions	15
B.4	Designations	15
B.5	Construction and function	15
DIN EN 16282-8:2017-12 EN 16282-8:2017 (E) B.6 Technical safety requirements		16
B.7	Hygienic requirements	17
B.8	Instructions	17

B.9	Markings	17
Annex C (normative) Water spray device for the treatment of aerosol		18
C.1	Scope	18
C.2	Normative references	18
C.3	Terms and definitions	18
C.4	Description	18
C.5	Construction and function	18
C.6	Technical safety requirements - Electrical equipment	19
C.7	Hygienic requirements	19
C.8	Instructions	19
C.9	Markings	19
Annex D (normative) Microbiological treatment of aerosol		20
D.1	Scope	20
D.2	Normative references	20
D.3	Terms and definitions	20
D.4	Description	20
D.5	Construction and function	20
D.6	Technical safety requirements	20
D.7	Hygienic requirements	21
D.8	Instructions	21
D.9	Markings	21
Annex E (normative) Photo-Catalytic Oxidation device for the treatment of aerosol		22
E.1	Scope	22
E.2	Normative references	22
E.3	Terms and definitions	22
E.4	Description	22
E.5	Construction and function	22
E.6	Technical safety requirements	23
E.7	Hygienic requirements	24
E.8	Instructions	24
E.9	Markings	24
Bibliography		25