

DIN EN 17450-1:2021-04 (E)

Fixed firefighting systems - Water mist components - Part 1: Product characteristics and test methods for strainer and filter components

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Product characteristics	5
4.1	Water flow	5
4.2	Surface area of the filter element	5
4.3	Design pressure	5
4.4	Pressure loss	5
4.5	Strength of the component	5
5	Testing, assessment and sampling methods	5
5.1	General	5
5.1.1	Test conditions	5
5.1.2	Test samples	5
5.2	Operational tests	5
5.2.1	Water flow test	5
5.2.2	Surface area of the filter element test	6
5.2.3	Pressure loss test	6
5.2.4	Body strength test	6
5.2.5	Impact test	6
5.2.6	Filter element strength test	6
6	Marking and documentation	6
6.1	Product documentation	6
6.2	Marking	7
Annex A(informative) Test facilities		8
Bibliography		9