

DIN EN 16430-1:2015-03 (E)

Fan assisted radiators, convectors and trench convectors - Part 1: Technical specifications and requirements

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Pretreatment and coating	5
5	Dimensional tolerances and pressure tightness	5
5.1	General	5
5.2	Material specification and wall thickness of wet heating surfaces	6
5.2.1	General	6
5.2.2	Finned tube convectors	6
5.2.3	Other materials	6
5.3	Leak testing	6
5.4	Pressure strength testing	6
5.5	Surface defects	7
6	Electrical and mechanical safety for fan assisted radiators	7
7	Noise emission	7
8	Thermal outputs and cooling capacity	7
8.1	Test method and laboratory	7
8.1.1	Thermal outputs	7
8.1.2	Cooling capacity	8
8.2	Aim of the test programme	8
8.3	Test data	8
8.4	Test report	8
9	Catalogue data	9
9.1	General	9
9.2	Identification code of the heating appliance	9
9.3	Thermal output	9
9.4	Cooling capacity	9
9.5	Noise emission	10
9.6	Dimensions	10
9.6.1	Radiators	10
9.6.2	Convectors	10
9.6.3	Fan assisted radiators and convectors	11
9.6.4	Ventilation radiators and convectors	11
9.7	Maximum operating pressure	11
9.8	Maximum operating temperature	11
9.9	Electrical connections	11
9.10	Catalogue reference data	12
10	Marking and labelling	12