

DIN EN 16798-5-2:2017-11 (E)

Energy performance of buildings - Ventilation for buildings - Part 5-2: Calculation methods for energy requirements of ventilation systems (Modules M5-6, M5-8, M6-5, M7-5, M7-8) - Method 2: Distribution and generation

Contents		Page
European foreword		4
Introduction		7
1	Scope	9
2	Normative references	12
3	Terms and definitions	13
4	Symbols, subscripts and abbreviations	14
4.1	Symbols	14
4.2	Subscripts	14
4.3	Abbreviations	15
5	Brief description of the method -- Output of the method	15
6	Calculation method	16
6.1	Output data	16
6.2	Calculation time interval and calculation period	17
6.2.1	Calculation interval	17
6.2.2	Calculation period	18
6.3	Input data	18
6.3.1	Source of data, general	18
6.3.2	Product data	18
6.3.3	System design data	21
6.3.4	Operating conditions	22
6.3.5	Constants and physical data	24
6.3.6	Input data from Annex A (Annex B)	24
6.4	Calculation procedure	24
6.4.1	Applicable time intervals	24
6.4.2	Operating conditions calculation	24
6.4.3	Energy calculation	29
7	Quality control	39
8	Compliance check	39
Annex A (normative) Input and method selection data sheet -- Template		40
A.1	General	40
A.2	References	41
A.3	Input data	41
A.3.1	Product description data	41
A.3.2	Product technical data	42
A.3.3	System design data	44
Annex B (informative) Input and method selection data sheet -- Default choices		48

B.1	General	48
B.2	References	49
B.3	Input data	49
B.3.1	Product description data	49
B.3.2	Product technical data	50
B.3.3	System design data	52
	Bibliography	56