

DECLARATION OF PERFORMANCE

DoP-no.: fx-4000-VdS-PAZ



Identification code of product:	fumilux 4000-VdS-PAZ
Intended use:	Natural smoke and heat exhaust ventilator.
Manufacturer:	ESSERTEC GmbH, Berghäuschensweg 77, D-41464 Neuss
Authorized representative:	-
System:	1
Technical specification:	EN 12101-2:2003
Notified Body:	VdS 0786, 0786-CPD-50549

Nominal Size	Aerodynamically effective aperture area		Resistance to upward loads	Functional safety under load	Function at low temperature	Functional safety	Heat resistance
	A _a with WLW [m ²]	A _a without WLW [m ²]	WL [N/m ²]	SL [N/m ²]	T [°C]	R _e	B
100 x 100	0,710	0,620	1500	1000	-05	1000	300-E
100 x 150	1,070	0,860	1500	1000	-05	1000	300-E
100 x 200	1,420	1,140	1500	1000	-05	1000	300-E
100 x 240	1,700	1,370	1500	750	-05	1000	300-E
100 x 250	1,780	1,430	1500	750	-05	1000	300-E
120 x 120	1,020	0,820	1500	1000	-05	1000	300-E
120 x 150	1,280	1,030	1500	1000	-05	1000	300-E
120 x 180	1,530	1,120	1500	750	-05	1000	300-E
120 x 240	2,040	1,500	1500	500	-05	1000	300-E
120 x 250	2,130	1,560	1500	500	-05	1000	300-E
120 x 270	2,270	1,680	1500	500	-05	1000	300-E
125 x 125	1,110	0,890	1500	1000	-05	1000	300-E
125 x 250	2,220	1,600	1500	500	-05	1000	300-E
150 x 150	1,600	1,280	1500	1000	-05	1000	300-E
150 x 180	1,920	1,540	1500	750	-05	1000	300-E
150 x 210	2,240	1,800	1500	500	-05	1000	300-E
150 x 240	2,560	1,870	1500	500	-05	1000	300-E
150 x 250	2,660	1,950	1500	500	-05	1000	300-E
150 x 270	2,840	2,030	1500	500	-05	1000	300-E
180 x 150	1,920	1,540	1500	1000	-05	1000	300-E
180 x 180	2,300	1,680	1500	750	-05	1000	300-E
180 x 240	3,070	2,250	1500	500	-05	1000	300-E
180 x 250	3,200	2,340	1500	500	-05	1000	300-E
180 x 270	3,400	2,330	1500	500	-05	1000	300-E
200 x 200	2,840	2,000	1500	500	-05	1000	300-E

Explanation:

The performance of the product identified by the code above is in conformity with the declared performance. The declaration is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:



Klaus Delfino, Head of Quality Management
Neuss, den 25.11.2015

