

ECO design information for radial fan with backward blade FM 50Hz**NOTE!** Information not available for 60Hz models.

No	Product information requirement	FM 620	FM 622	FM 625	FM 831	FM 835	FM 1000
1	Overall efficiency (%)	75,0	75,3	75,8	81,5	71,2	77,2
2	Measurement category (A-D) ⁽¹⁾	D	D	D	D	D	D
3	Efficiency category (Total)	Total	Total	Total	Total	Total	Total
4	Efficiency grade N	67	67	67	67	67	67
5	Year of manufacture	See the product's identification label.					
6	Manufacturer's name	See the product's identification label.					
7	Commercial registration number	See the product's identification label.					
8	Place of manufacturer	See the product's identification label.					
9	Rated motor power input [kW]	3	4	5,5	11	15	18,5
10	Flow rate at optimum energy efficiency (m ³ /h)	2900	3900	4500	8000	10000	14000
11	Pressure at optimum energy efficiency (Pa)	3000	2800	2900	3300	3200	3900
12	Rotations per minute at the optimum energy efficiency point (rpm)	2905	2920	2920	2950	2955	2950
13	Specific ratio ⁽²⁾						
14	Fan disassembly, recycling and disposal at end-of-life:	See the sections for maintenance and recycling					
15	To minimize environmental impact and ensure optimal life expectancy for the fan:	Carefully follow the installation, use and maintenance instructions for the fan					
16	Additional items ⁽³⁾						

⁽¹⁾ According to Commission regulation (EU) No 2024/1834 implementing Directive 2009/125/EC⁽²⁾ The stagnation pressure measured at the fan outlet divided by the stagnation pressure at the fan inlet at the optimal energy efficiency point of the fan⁽³⁾ Additional items used when determining the fan energy efficiency that are not described in the measurement category and not supplied with the fan
The integrated variable speed drive (VSD) was not taken into account during the efficiency calculation