

## ECO design information (NCF Fans 50Hz)

**NOTE!** Information not available for 60Hz models.

#	Product information requirement	NCF 30/15 400V 3-Phase 50Hz	NCF 120/15 400V 3-Phase 50Hz	NCF 30/25 400V 3-Phase 50Hz	NCF 40/25 400V 3-Phase 50Hz
1.	Overall efficiency (%).	68	72	70	71
2.	Measurement category (A-D). <sup>(1)</sup>	B	B	B	B
3.	Efficiency category (Total).	Total	Total	Total	Total
4.	Efficiency grade at optimum energy efficiency point (%).	68	72	70	71
5.	Did fan efficiency calculation use an integrated VSD.	No	No	No	No
6.	Year of manufacture.	See the product's identification label.			
7a.	Manufacturer's name.	See the product's identification label.			
7b.	Commercial registration number.	See the product's identification label.			
7c.	Place of manufacturer.	See the product's identification label.			
8.	Model number.	See the product's identification label.			
9a.	Rated motor power input (kW).	2,2	7,5	4,0	5,5
9b.	Flow rate at optimum energy efficiency (m <sup>3</sup> /h).	3000	10200	4500	4100
9c.	Pressure at optimum energy efficiency (Pa).	1700	2200	2200	2900
10.	Rotations per minute at the optimum energy efficiency point (rpm). 2 pole.	2950	2950	2950	2950
11.	Specific ratio. <sup>(2)</sup>	1,017	1,022	1,022	1,029
12.	Fan disassembly, recycling and disposal at end-of-life:	See the sections for maintenance and recycling.			
13.	To minimize environmental impact and ensure optimal life expectancy for the fan:	Carefully follow the installation, use and maintenance instructions for the fan.			
14.	Additional items. <sup>(3)</sup>				

1. According to Commission regulation (EU) No 327/2011 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.

## NCF Fans 50Hz

#	Product information requirement	NCF 50/25 400V 3-Phase 50Hz	NCF 80/20 400V 3-Phase 50Hz	NCF 120/25 400V 3-Phase 50Hz	NCF 160/25 400V 3-Phase 50Hz
1.	Overall efficiency (%).	75	73	70	75
2.	Measurement category (A-D). <sup>(1)</sup>	B	B	B	B
3.	Efficiency category (Total).	Total	Total	Total	Total
4.	Efficiency grade at optimum energy efficiency point (%).	75	73	70	75
5.	Did fan efficiency calculation use an integrated VSD.	No	No	No	No
6.	Year of manufacture.	See the product's identification label.			
7a.	Manufacturer's name.	See the product's identification label.			
7b.	Commercial registration number.	See the product's identification label.			
7c.	Place of manufacturer.	See the product's identification label.			
8	Model number.	See the product's identification label.			
9a	Rated motor power input (kW).	5,5	7,5	15,0	18,5
9b	Flow rate at optimum energy efficiency (m <sup>3</sup> /h).	3500	6500	11000	13000
9c.	Pressure at optimum energy efficiency (Pa).	3900	2700	2700	4300
10.	Rotations per minute at the optimum energy efficiency point (rpm). 2 pole.	2950	2950	2950	2950
11.	Specific ratio. <sup>(2)</sup>	1,038	1,027	1,027	1,042
12.	Fan disassembly, recycling and disposal at end-of-life:	See the sections for maintenance and recycling.			
13.	To minimize environmental impact and ensure optimal life expectancy for the fan:	Carefully follow the installation, use and maintenance instructions for the fan.			
14.	Additional items. <sup>(3)</sup>				

1. According to Commission regulation (EU) No 327/2011 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.