

Contact:
 Mrs Nadia Cherré
 +33 (0)1 75 44 71 71
 n.cherre@eurovent-certification.com
 http:// www.eurovent-certification.com – www.certita.fr

EUROVENT CERTITA CERTIFICATION LAUNCHES A NEW ENERGY EFFICIENCY CLASSIFICATION FOR AIR FILTERS

Paris, 9th November 2018 – After the transition period between the old test standard EN779:2012 and the new standard EN ISO 16890:2016, Eurovent Certita Certification is pleased to announce the launch of a new definition of the Energy Efficiency Class for the Air Filter programme based also on the Eurovent REC 4-21 - Energy Efficiency Evaluation of air filters for general ventilation purposes – 2018. This new classification will be defined in the Rating Standard RS4/C/001-2019, and will cover, from the 1st of January 2019, all products in the scope of the Eurovent Certified Performance programme for Air Filters and rated at 0.944 m³/s as nominal airflow.

This new definition will replace the old classification. It is based on the ISO efficiency rating (for example ISO ePM₁ 80%) and the Annual Energy Consumption (kWh/y).

M _x = 200 g (AC Fine)	AEC in kWh/y FOR ePM ₁					
	ePM ₁ and ePM _{1,min} ≥ 50%					
	A+	A	B	C	D	E
50&55%	800	900	1050	1400	2000	>2000
60&65%	850	950	1100	1450	2050	>2050
70&75%	950	1100	1250	1550	2150	>2150
80&85%	1050	1250	1450	1800	2400	>2400
>90%	1200	1400	1550	1900	2500	>2500

M _x = 250 g (AC Fine)	AEC in kWh/y FOR ePM _{2.5}					
	ePM _{2.5} and ePM _{2.5,min} ≥ 50%					
	A+	A	B	C	D	E
50&55%	700	800	950	1300	1900	>1900
60&65%	750	850	1000	1350	1950	>1950
70&75%	800	900	1050	1400	2000	>2000
80&85%	900	1000	1200	1500	2100	>2100
>90%	1000	1100	1300	1600	2200	>2200

M _x = 400 g (AC Fine)	AEC in kWh/y FOR ePM ₁₀					
	ePM ₁₀ ≥ 50%					
	A+	A	B	C	D	E
50&55%	450	550	650	750	1100	>1100

60&65%	500	600	700	850	1200	>1200
70&75%	600	700	800	900	1300	>1300
80&85%	700	800	900	1000	1400	>1400
>90%	800	900	1050	1400	1500	>1500

Table 1: Energy efficiency class limits for each filter class according to EN ISO 16890:2016 measured at 0.944 m³/s.

Key benefits of this new energy classification:

- Based on Annual Energy Consumption (kWh/y) specific to each ISO efficiency rating
- A robust certification process based on product testing in independent laboratories, sampling on manufacturing sites
- Certified data available on line 24/7 at www.eurovent-certification.com, including an [online search engine](#).

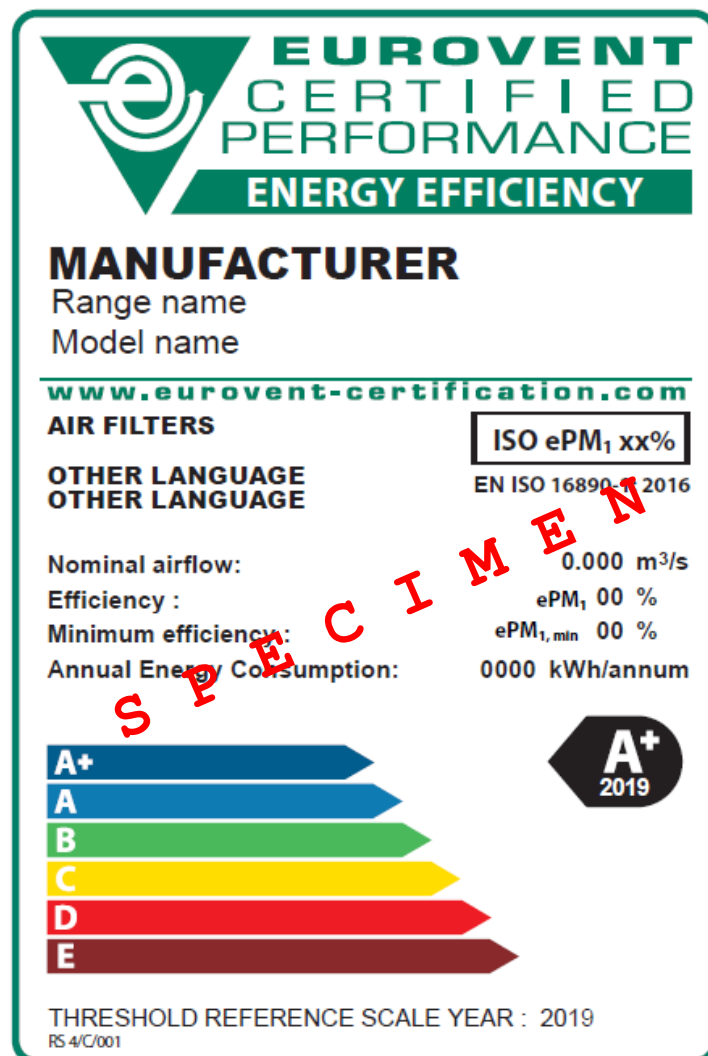


Figure 1: Illustration of the AIR FILTERS Energy Efficiency Label

Please contact Gregory Kelijian at g.kelijian@eurovent-certification.com