

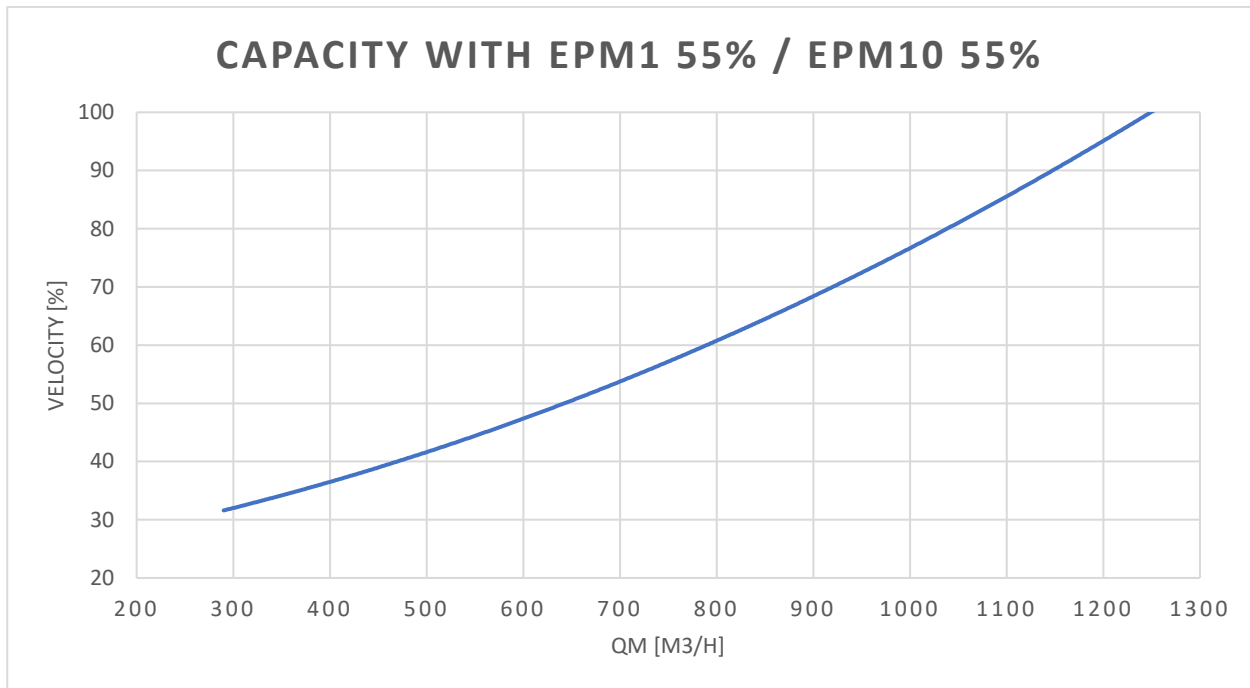
Datasheet CA850

CA850 Technical specifications

Technical data	Filter class	30 dB(A)	35 dB(A)
Maximal capacity *	ePM ₁₀ 50% ePM ₁ 55%	515 m ³ /h m ³ /h	813 m ³ /h m ³ /h
Power consumption		47 W	85 W
Temperature efficiency		84,6 %	81%
Duct	2 X Ø250 mm		
Supply	1x230 V + N + PE / 50 Hz		
Weight	140 kg		
Materials	Aluminium		
Counterflow exchanger	Aluminium		
Dimension LxDxH	2003x1057x480 mm		
Supply filter	ePM ₁₀ 50% or ePM ₁ 55%		
Exhaust filter	ePM ₁₀ 50%		
Color	RAL 9010		
Supply cable	3G 1mm ²		
Recommended fuse	10 A		
Recommended residual current device	Type A		
Leakage current	≤0,7 mA		
Tightness class leakage	Class L2 acc. EN 1886 Class A1 acc. EN 13141-7 Class B acc. EN 13779		
Electrical heating (option)	1000 W		

1 All measurements were taken during normal operation in a standard installation situation with filter class, for air/exhaust air: ePM₁₀ 50% / ePM₁₀ 50% and for air/exhaust air ePM₁ 55% / ePM₁₀ 50%. Sound measurements were made in a test room of 70 m³. Sound measurements are prepared based on DS/EN ISO 10052

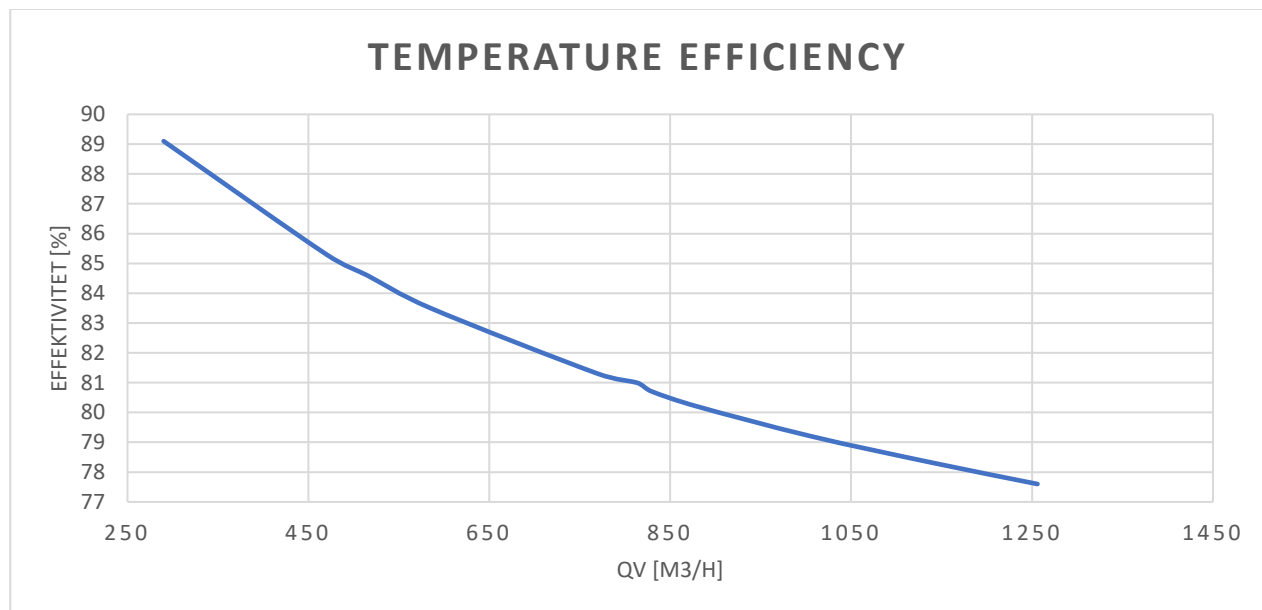
Capacity with $ePM_{10}50\%$ [M5] / $ePM_{10}50\%$ [M5]



Capacity with $ePM_{155\%}$ [F7] / $ePM_{10}50\%$ [M5]

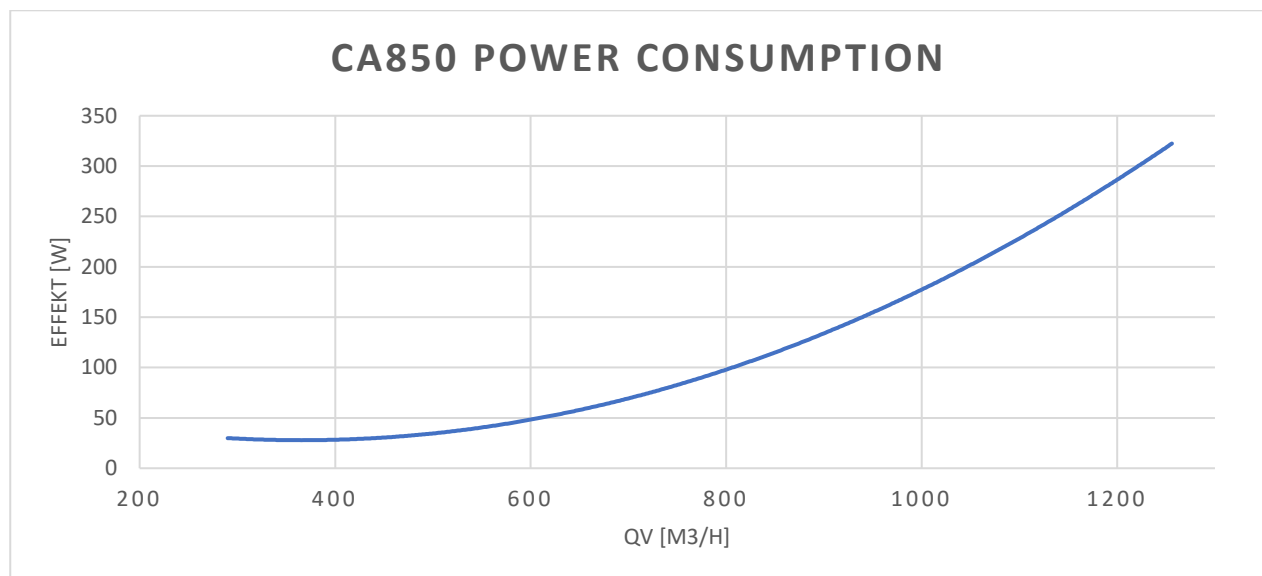
Temperature efficiency heat exchanger, according to. EN 308

EN308 conditions: balanced operation; indoor air: 25 °C, 28 % RH; outside air: 5 °C, 50 % RH



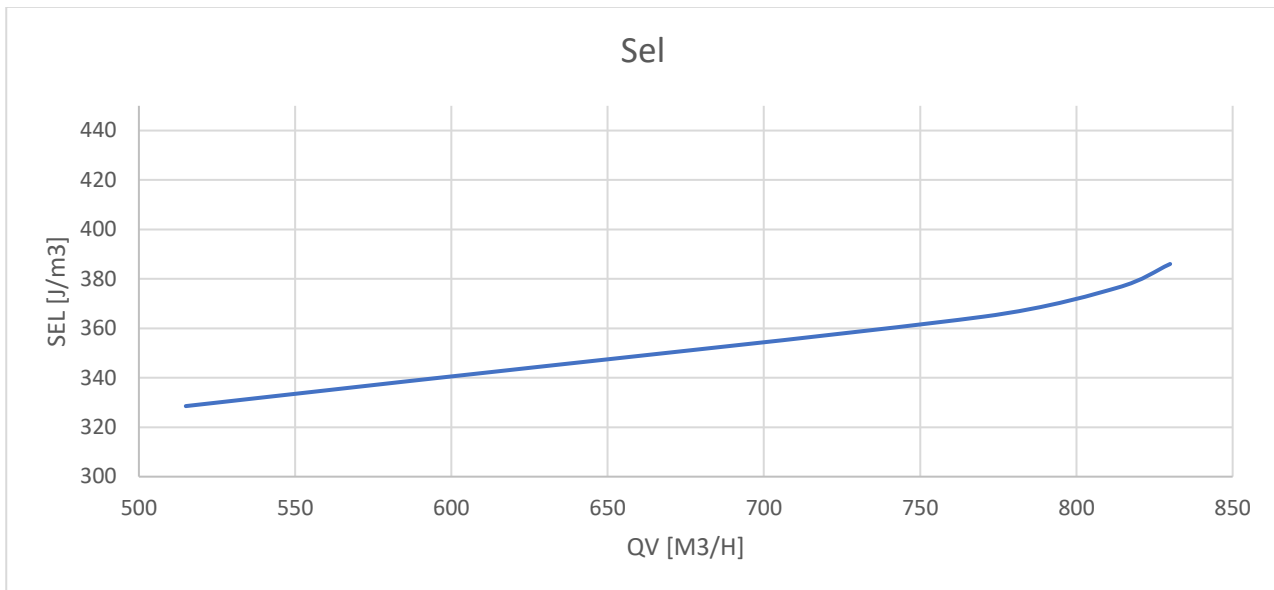
Power consumption

Measurement with $ePM_{10}50\%$ / $ePM_{10}50\%$ filter



SEL

Measurement with $ePM_{10}50\%$ / $ePM_{10}50\%$ filtre



Throw lenght

