

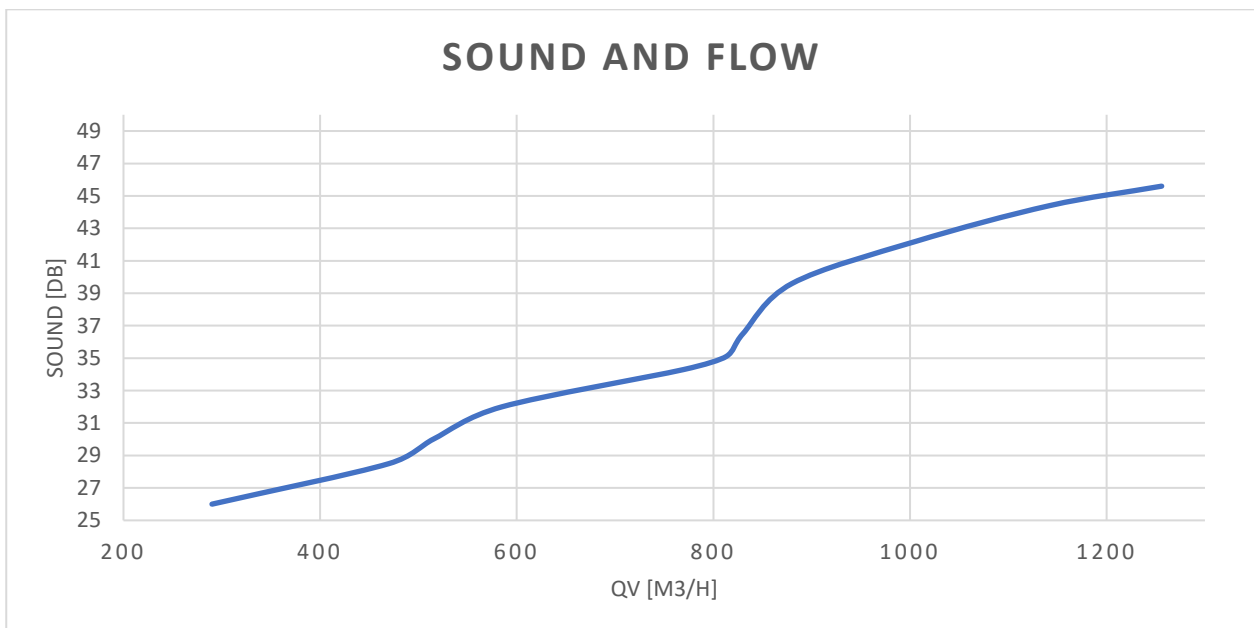
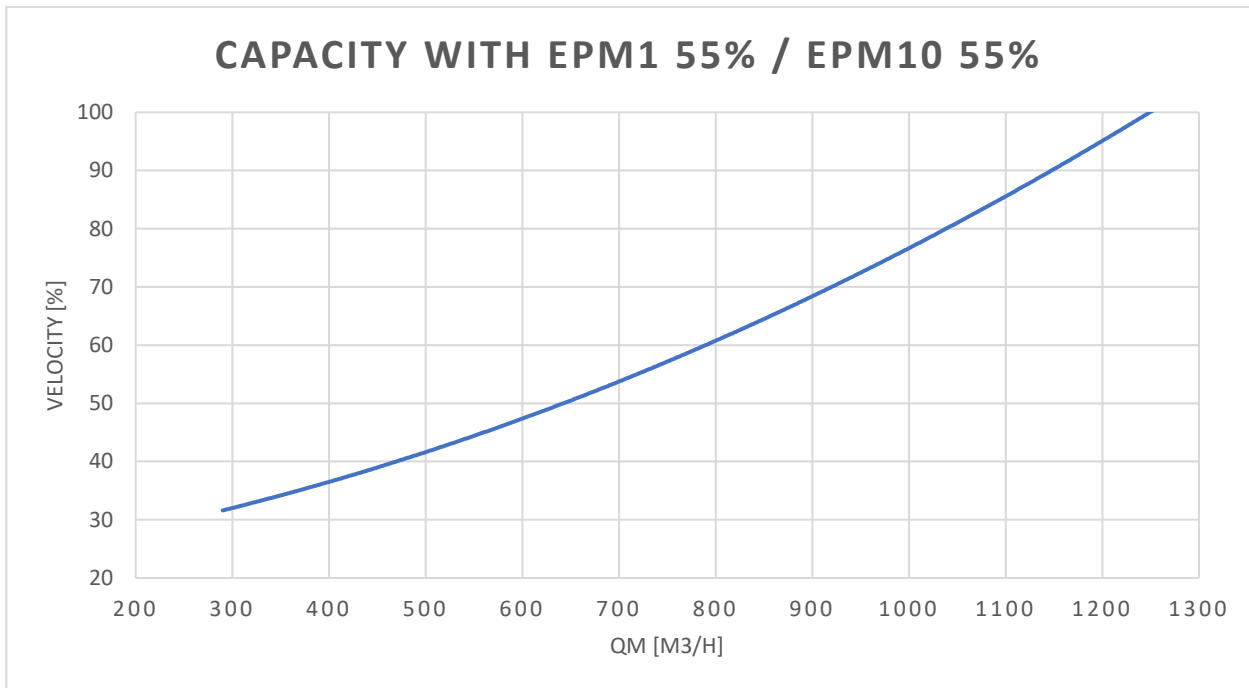
## Datasheet CA850

### CA850 Technical specifications

Technical data	Filter class	30 dB(A)	35 dB(A)
<b>Maximal capacity *</b>	ePM <sub>10</sub> 50% ePM <sub>1</sub> 55%	515 m <sup>3</sup> /h m <sup>3</sup> /h	813 m <sup>3</sup> /h m <sup>3</sup> /h
<b>Power consumption</b>		47W/0,41A	85W/0,7A
<b>Temperature efficiency</b>		84,6 %	81%
<b>Max Power consumption</b>		315W/2,4A	
<b>Duct</b>		2 X Ø250 mm	
<b>Supply</b>		1x230 V + N + PE / 50 Hz	
<b>Weight</b>		140 kg	
<b>Materials</b>		Aluminium	
<b>Counterflow exchanger</b>		Aluminium	
<b>Dimension LxDxH</b>		2003x1057x480 mm	
<b>Supply filter</b>		ePM <sub>10</sub> 50% or ePM <sub>1</sub> 55%	
<b>Exhaust filter</b>		ePM <sub>10</sub> 50%	
<b>Color</b>		RAL 9010	
<b>Supply cable</b>		3G 1mm <sup>2</sup>	
<b>Recommended fuse</b>		10 A	
<b>Recommended residual current device</b>		Type A	
<b>Leakage current</b>		≤0,7 mA	
<b>Tightness class leakage</b>		Class L2 acc. EN 1886 Class A1 acc. EN 13141-7 Class B acc. EN 13779	
<b>Electrical heating (option)</b>		1000 W	

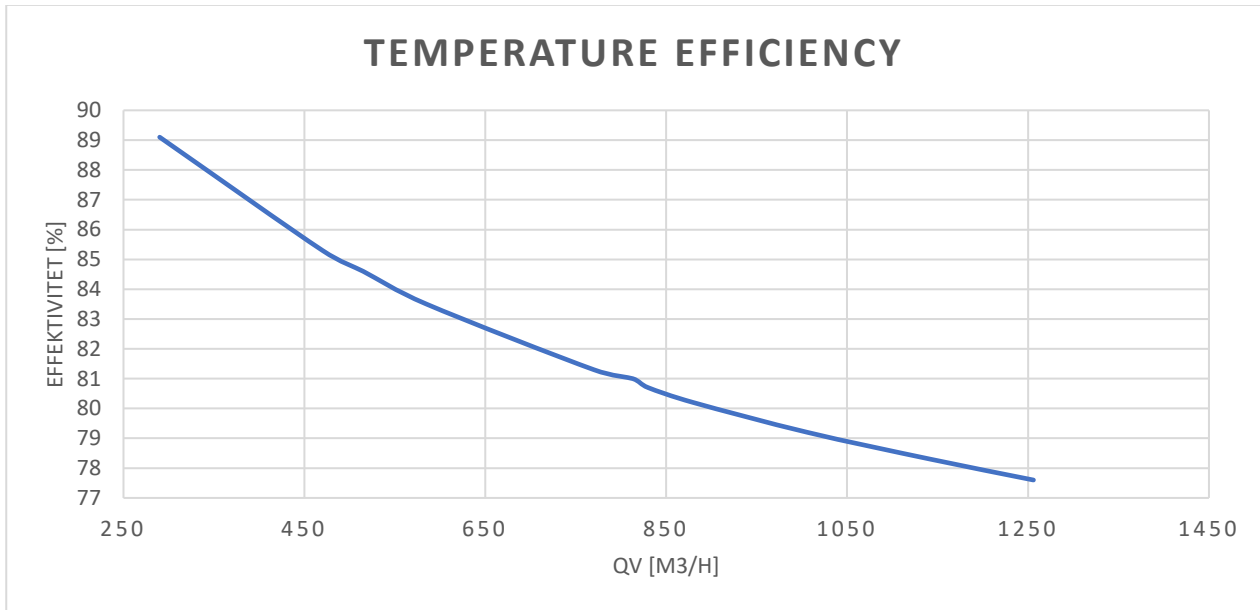
1 All measurements were taken during normal operation in a standard installation situation with filter class, for air/exhaust air: ePM10 50% / ePM10 50% and for air/exhaust air ePM1 55% / ePM10 50%. Sound measurements were made in a test room of 70 m<sup>3</sup>. Sound measurements are prepared based on DS/EN ISO 10052

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



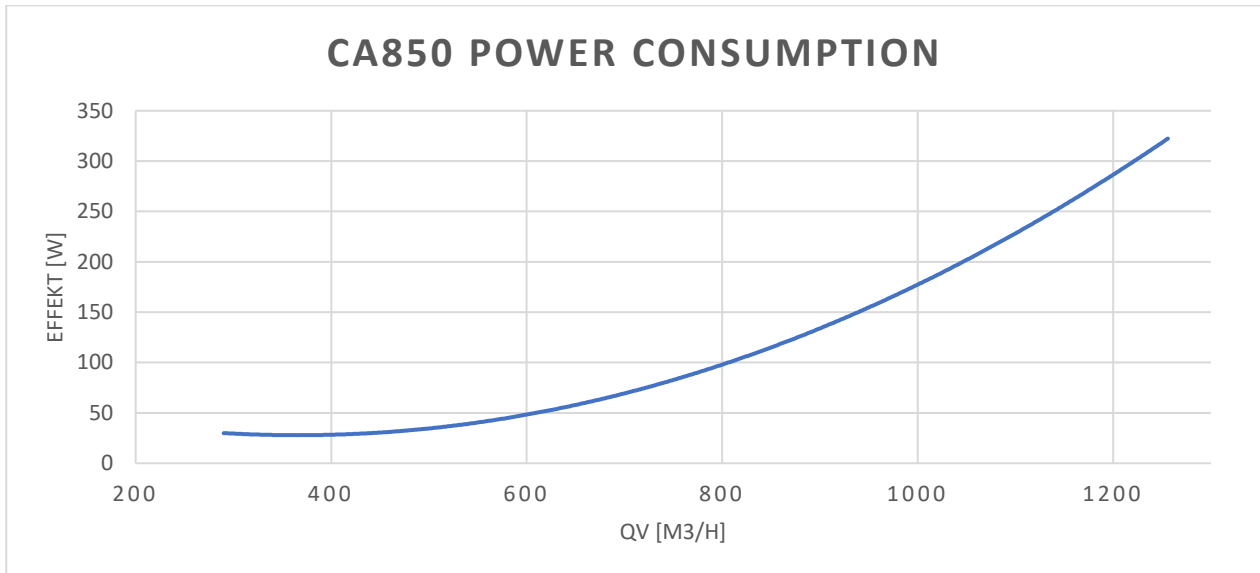
**Temperature efficiency heat exchanger, according to. EN 308**

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



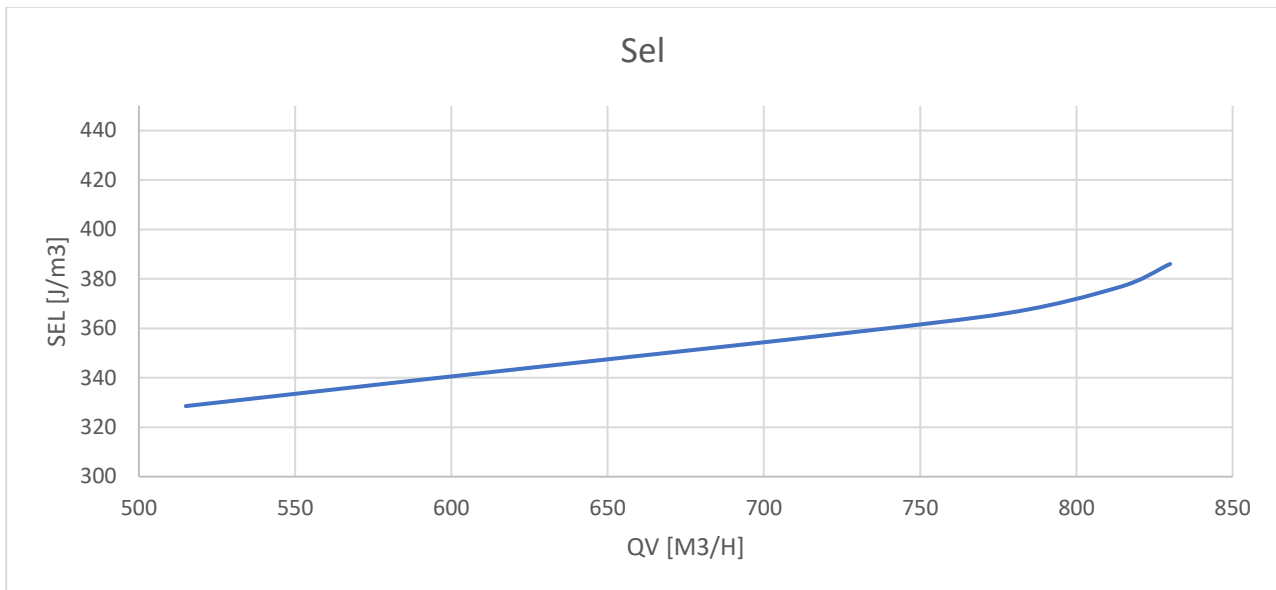
**Power consumption**

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



## SEL

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



## Throw lenght

