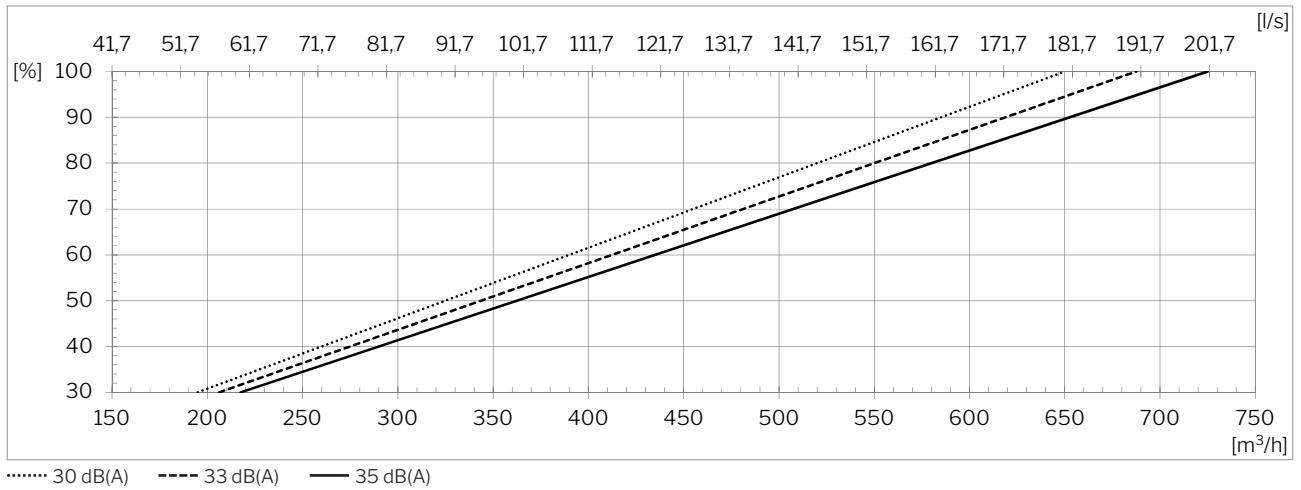
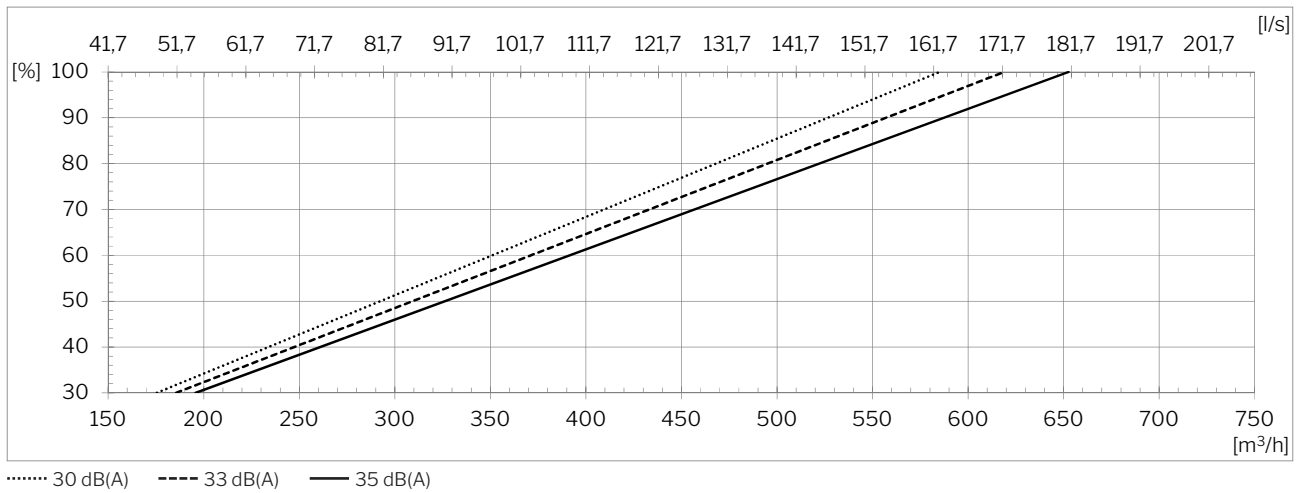


## Data Sheet AM 800

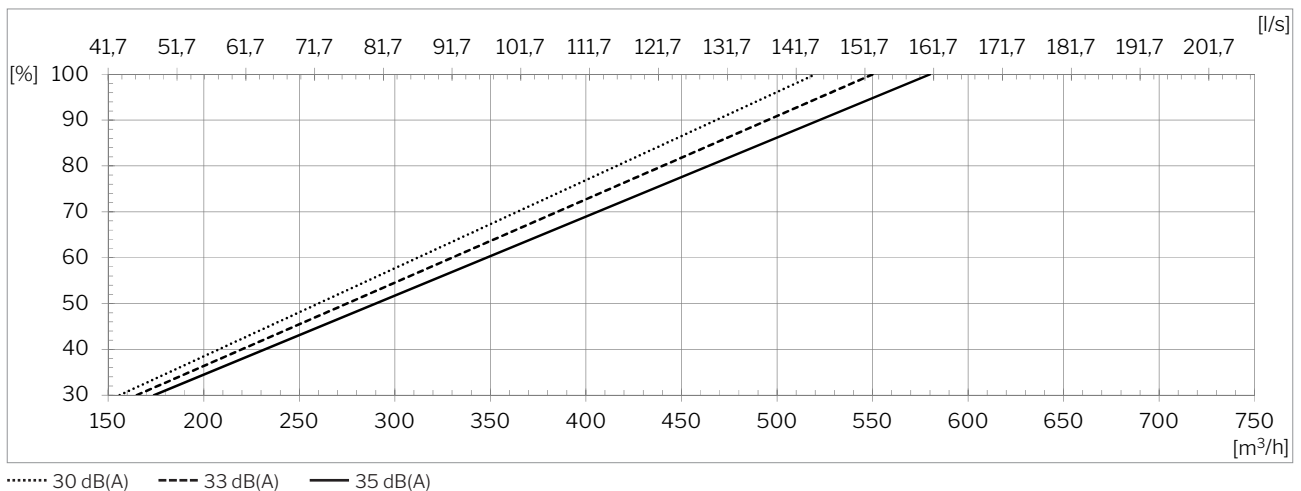
### Capacity for units with ePM<sub>10</sub> 50% / ePM<sub>10</sub> 50% filters<sup>1</sup>:



### Capacity for units with ePM<sub>1</sub> 55% / ePM<sub>10</sub> 50% filters<sup>1</sup>:

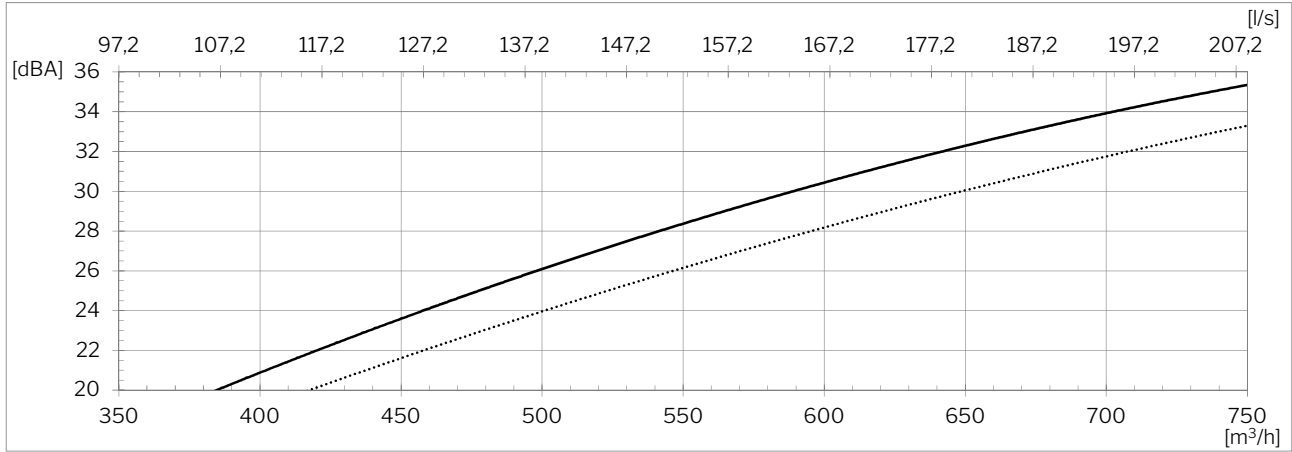


### Capacity for units with ePM<sub>1</sub> 80% / ePM<sub>10</sub> 50% filters<sup>1</sup>:



<sup>1</sup> Measurements are conducted at normal operation in a standard installation situation with Airmaster recommended Ø315 grilles.

**Sound Pressure Level <sup>2,3</sup> L<sub>p,eq</sub>:**



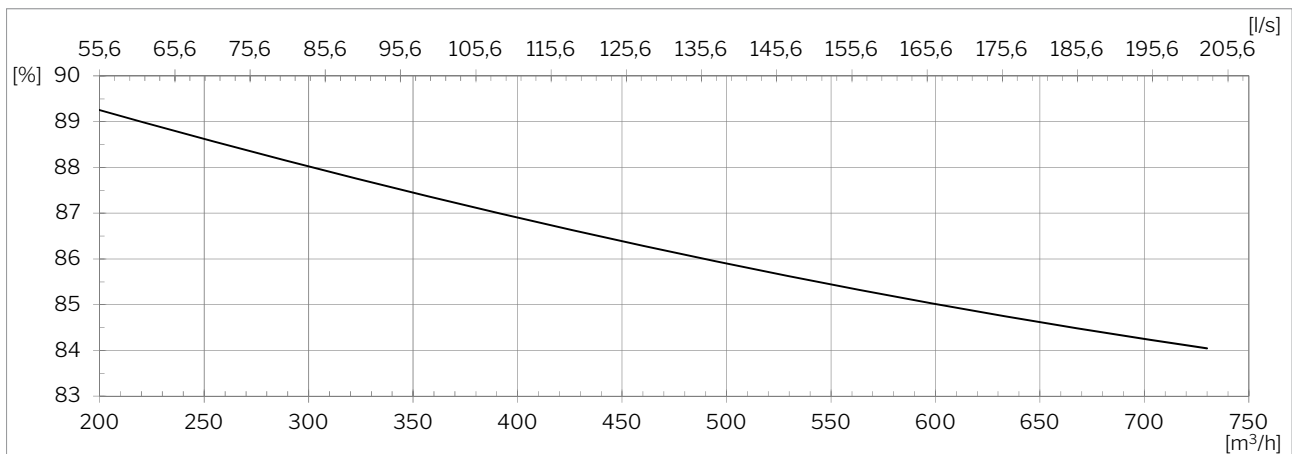
..... T = 0,6 s    — T = 0,9 s

**Sound Power Level L<sub>WA</sub> [dB(A)], acc. to EN/ISO 3744:**

Frequency [Hz]	63	125	250	500	1000	2000	4000	8000	Ø L <sub>WA</sub>	L <sub>p,eq</sub> <sup>2,3</sup>	q <sub>v</sub> [m³/h]
Filters:	28	33	28	30	25,1	20,2	19,9	18,3	36,8	30	650
ePM <sub>10</sub> 50% + ePM <sub>10</sub> 50%	31	35	31	32	28	23,7	21	18,8	39,2	33	688
	33	39	34	34	31,8	25,9	22,8	19,1	42,1	35	725
Filters:	29	33	27	29	25,4	19,7	19,8	18,3	36,8	30	585
ePM <sub>1</sub> 55% + ePM <sub>10</sub> 50%	31	36	32	32	28,1	22,8	20,9	18,8	39,8	33	619
	34	39	33	35	32,3	25	22,5	19	42,6	35	653

**Temperature efficiency, acc. to EN 308:**

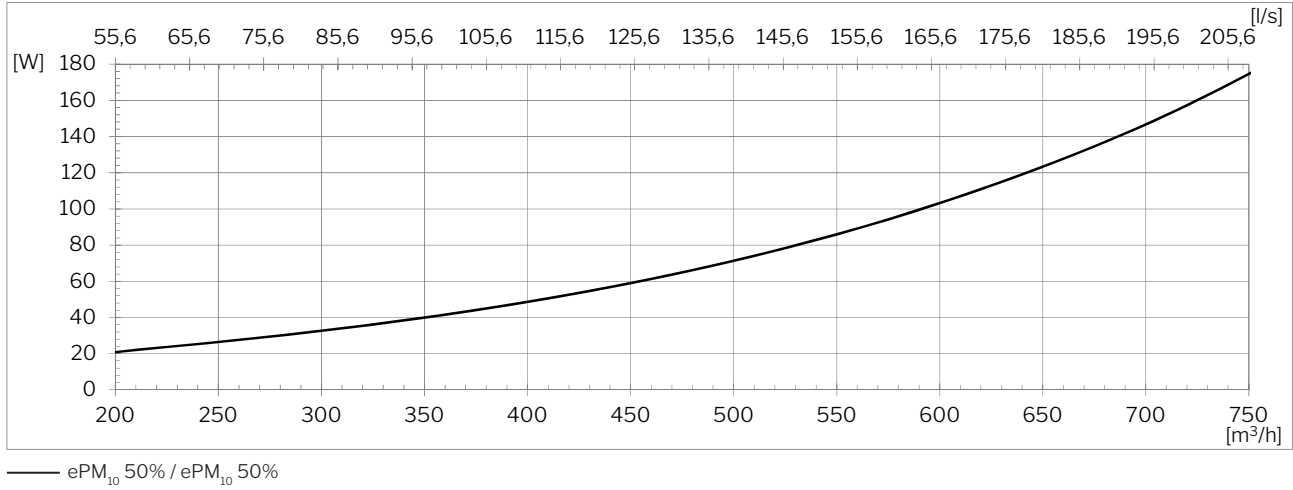
Conditions EN308: Balanced airflow; Extraction: 25 °C, 28 % RH; Intake: 5 °C, 50 % RH.



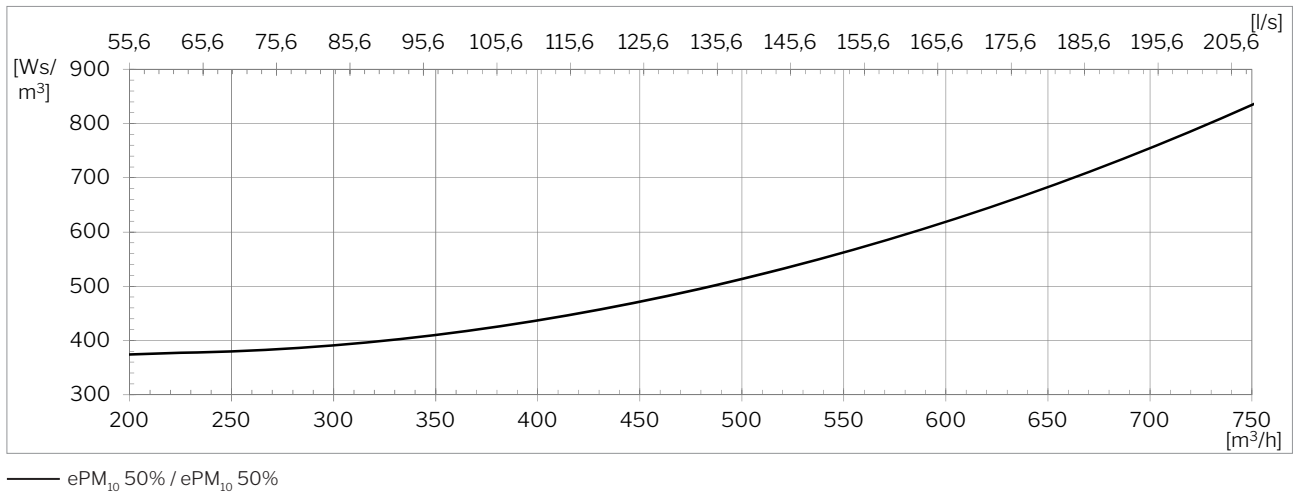
<sup>2</sup> Sound pressure level L<sub>p,eq</sub> is measured in a height of 1.2 m with at horizontal distance of 1 m from the air handling unit in a room with a size of 200 m³ and a reverberation time of T = 0.6 s, corresponding to a room attenuation of 7,5 dB.

<sup>3</sup> Measurements are conducted at normal operation in a standard installation situation with Airmaster recommended Ø315 grilles.

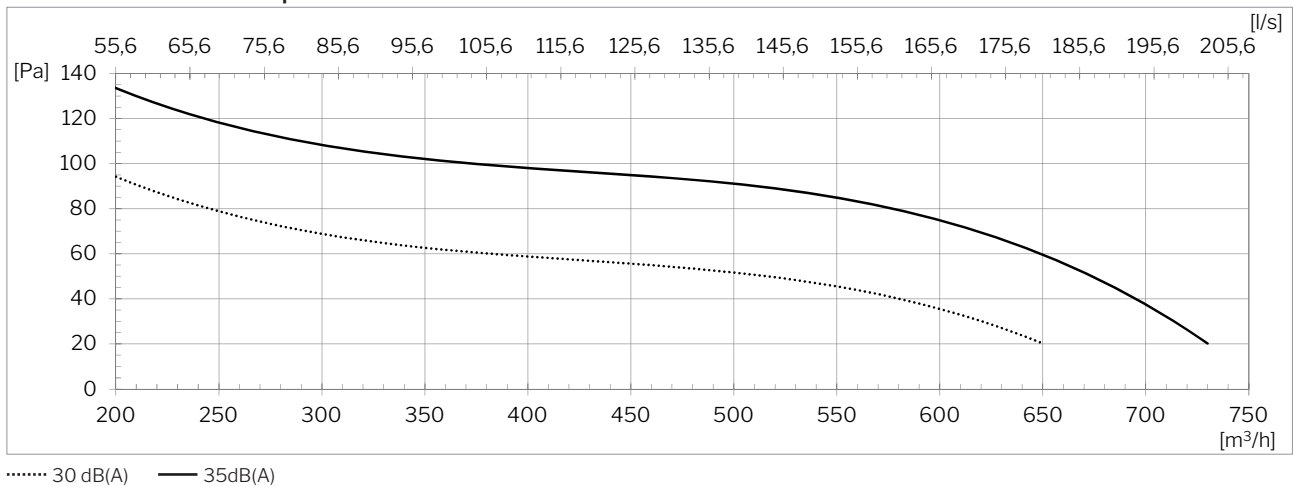
**Power Consumption 4:**



**SFP 4:**



**External Pressure Drop:**



<sup>4</sup> Measurements are conducted at normal operation in a standard installation situation with Airmaster recommended Ø315 grilles.