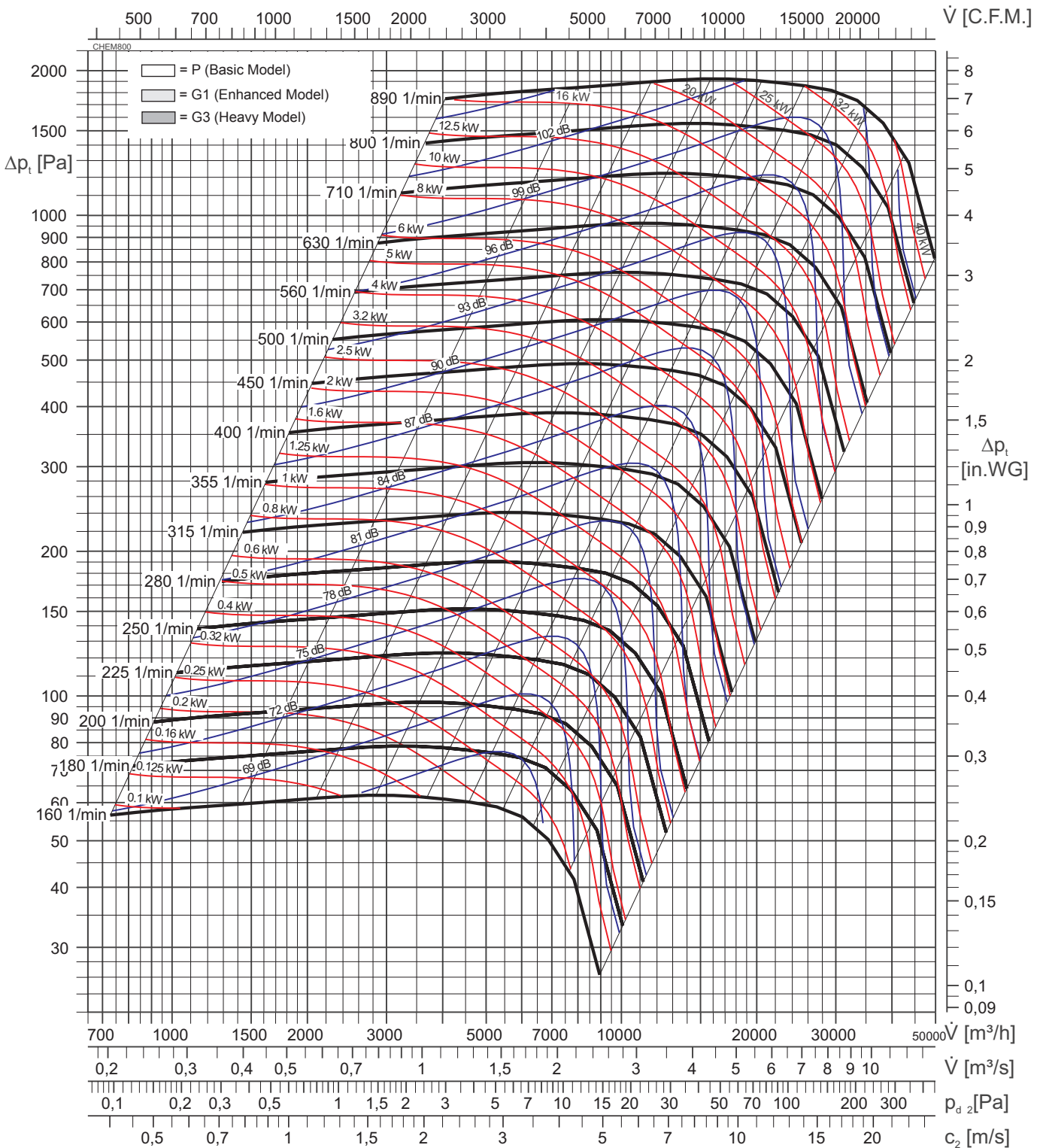


### CHEM 800

Fan test laboratory AMCA 210/99 Fig.12, Test Chamber. Performance certified is for installation type B-Free inlet, Ducted outlet.

Power rating (kW) does not include transmission losses, Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertete Schalleistungspegel  $L_{WA}$  angegeben. A-weighted Sound power level  $L_{WA}$  is quoted in the diagram.

Schalldruckpegel  $L_{PA}$  in 1 m Entfernung A-Sound pressure level  $L_{PA}$  at 1 meter distance

$$L_{PA} [dB(A)] = L_{WA} [dB(A)] - 7 [dB]$$

Oktavpegels  $L_{Wokt}$ : Octave sound power level  $L_{Wokt}$ :

$$L_{Wokt} [dB] = L_{WA} [dB(A)] + \Delta L [dB]$$

Relative Frequenzspektrum  
relative frequency spectrum  $\Delta L$  in dB/Okt

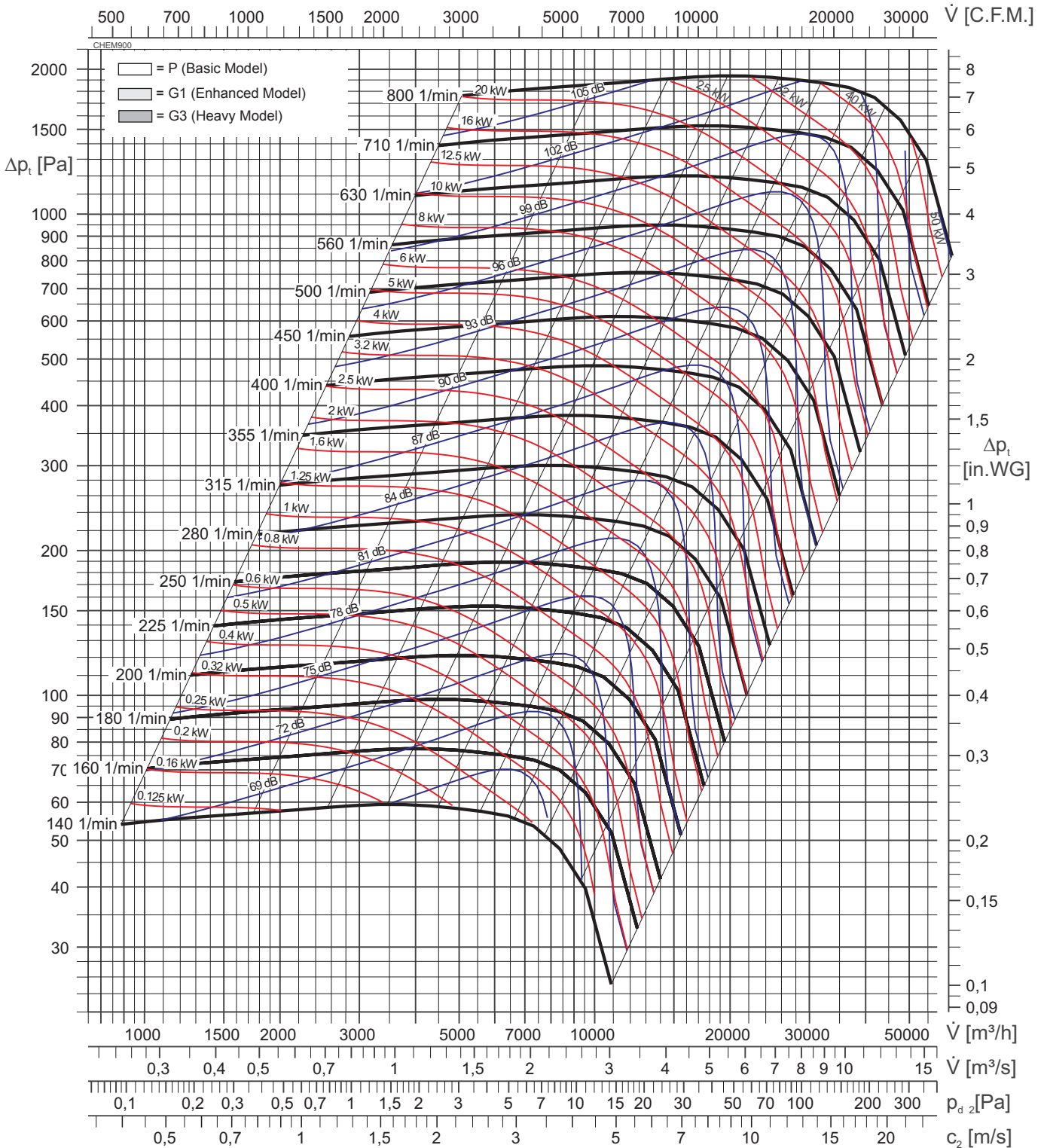
n [1/min]	Oktav.-Mittenfrequ. / Octave b. midfreq. [Hz]							
	63	125	250	500	1k	2k	4k	8k
160 - 560	3,2	-0,5	-1,0	-0,9	-4,7	-12,8	-19,0	-28,6
630 - 1000	-3,9	-0,7	-0,4	-3,0	-4,7	-12,4	-18,0	-27,2

The test data is obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data is not certified by AMCA.

### CHEM 900

Fan test laboratory AMCA 210/99 Fig. 12, Test Chamber. Performance certified is for installation type B-Free inlet, Ducted outlet.

Power rating (kW) does not include transmission losses, Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LWA sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertete Schalleistungspegel  $L_{WA}$  angegeben. A-weighted Sound power level  $L_{WA}$  is quoted in the diagram.

Schalldruckpegel  $L_{PA}$  in 1 m Entfernung A-Sound pressure level  $L_{PA}$  at 1 meter distance

$$L_{PA} [dB(A)] = L_{WA} [dB(A)] - 7 [dB]$$

Oktavpegels  $L_{Wokt}$ : Octave sound power level  $L_{Wokt}$ :

$$L_{Wokt} [dB] = L_{WA} [dB(A)] + \Delta L [dB]$$

Relative Frequenzspektrum  
relative frequency spectrum  $\Delta L$  in dB/Okt

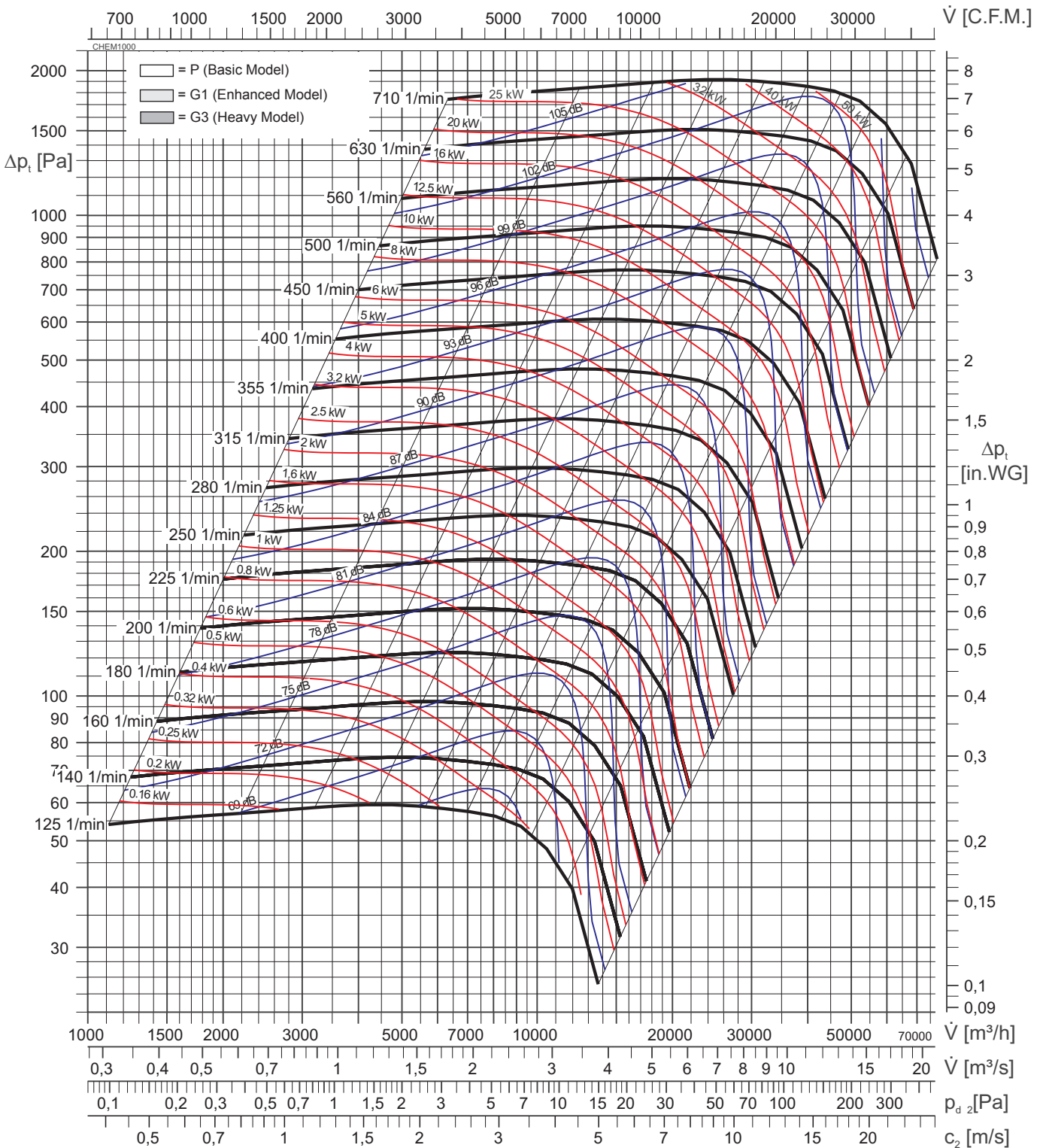
n [1/min]	Oktavb.-Mittenfreq. / Octave b. midfreq. [Hz]							
	63	125	250	500	1k	2k	4k	8k
140 - 500	1,3	0,3	0	-0,9	-6,0	-13,7	-20,6	-30,4
560 - 900	-6,7	0	-0,1	-2,6	-3,4	-12,1	-16,8	-27,2

The test data is obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data is not certified by AMCA.

### CHEM 1000

Fan test laboratory AMCA 210/99 Fig.12, Test Chamber. Performance certified is for installation type B-Free inlet, Ducted outlet.

Power rating (kW) does not include transmission losses, Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L<sub>WA</sub> sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertete Schalleistungspegel  $L_{WA}$  angegeben. A-weighted Sound power level  $L_{WA}$  is quoted in the diagram.

Schalldruckpegel  $L_{PA}$  in 1 m Entfernung A-Sound pressure level  $L_{PA}$  at 1 meter distance

$$L_{PA} [dB(A)] = L_{WA} [dB(A)] - 7 [dB]$$

Oktavpegels  $L_{Wokt}$ : Octave sound power level  $L_{Wokt}$ :

$$L_{Wokt} [dB] = L_{WA} [dB(A)] + \Delta L [dB]$$

**Relative Frequenzspektrum**  
relative frequency spectrum  $\Delta L$  in dB/Okt

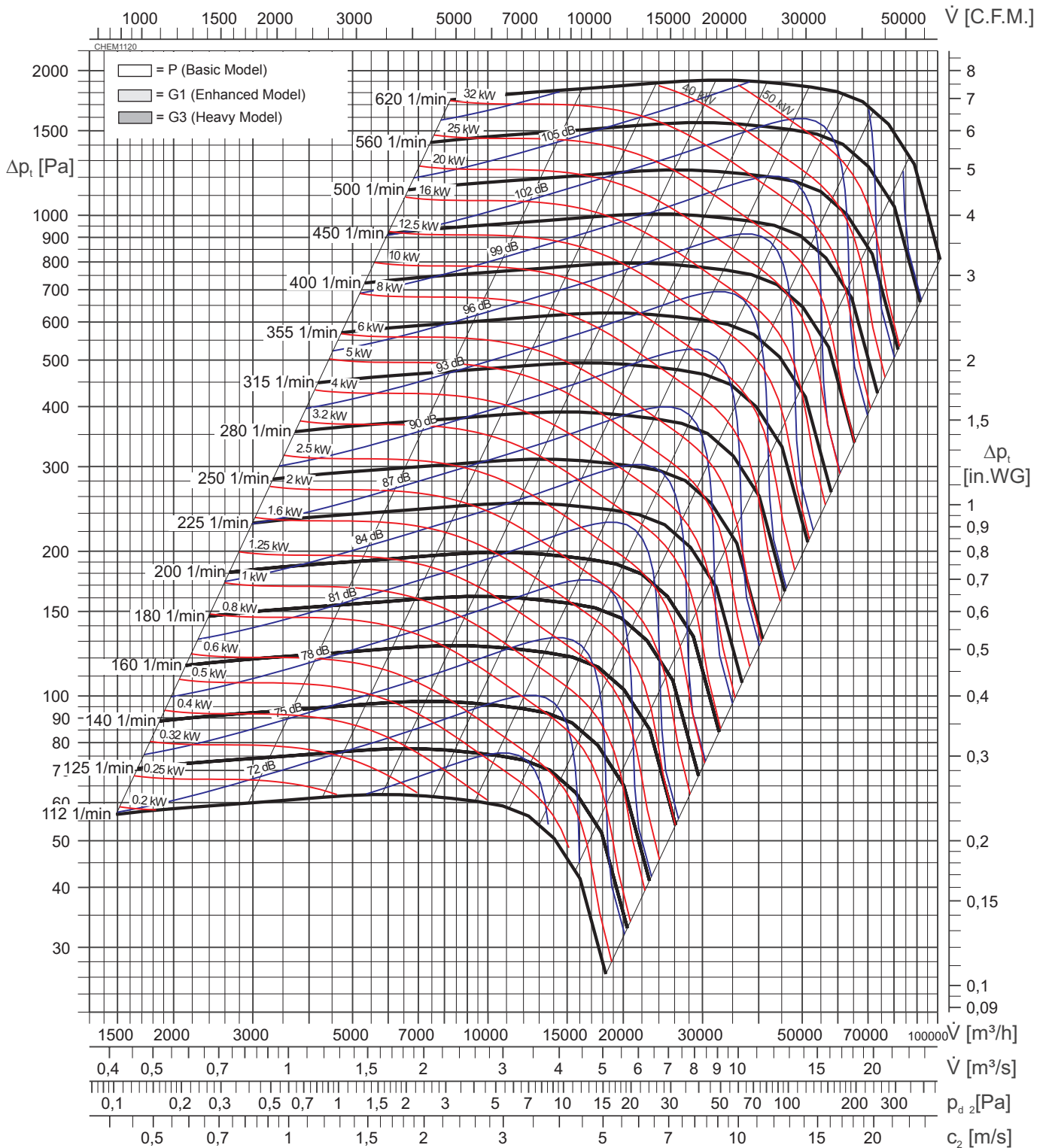
n [1/min]	Oktav.-Mittenfrequ. / Octave b. midfreq. [Hz]							
	63	125	250	500	1k	2k	4k	8k
125 - 450	1,5	2,0	-0,3	-1,3	-4,4	-12,7	-19,4	-30,0
500 - 800	0,8	0,5	-2,7	-2,5	-3,6	-12,6	-15,6	-29,2

The test data is obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data is not certified by AMCA.

## CHEM 1120

Fan test laboratory AMCA 210/99 Fig. 12, Test Chamber. Performance certified is for installation type B-Free inlet, Ducted outlet.

Power rating (kW) does not include transmission losses, Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L<sub>WA</sub> sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertete Schalleistungspegel  $L_{WA}$  angegeben. A-weighted Sound power level  $L_{WA}$  is quoted in the diagram.

Schalldruckpegel  $L_{PA}$  in 1 m Entfernung A-Sound pressure level  $L_{PA}$  at 1 meter distance

$$L_{PA} [dB(A)] = L_{WA} [dB(A)] - 7 [dB]$$

Oktavpegels  $L_{Wokt}$ : Octave sound power level  $L_{Wokt}$ :

$$L_{Wokt} [dB] = L_{WA} [dB(A)] + \Delta L [dB]$$

Relative Frequenzspektrum  
relative frequency spectrum  $\Delta L$  in dB/Okt

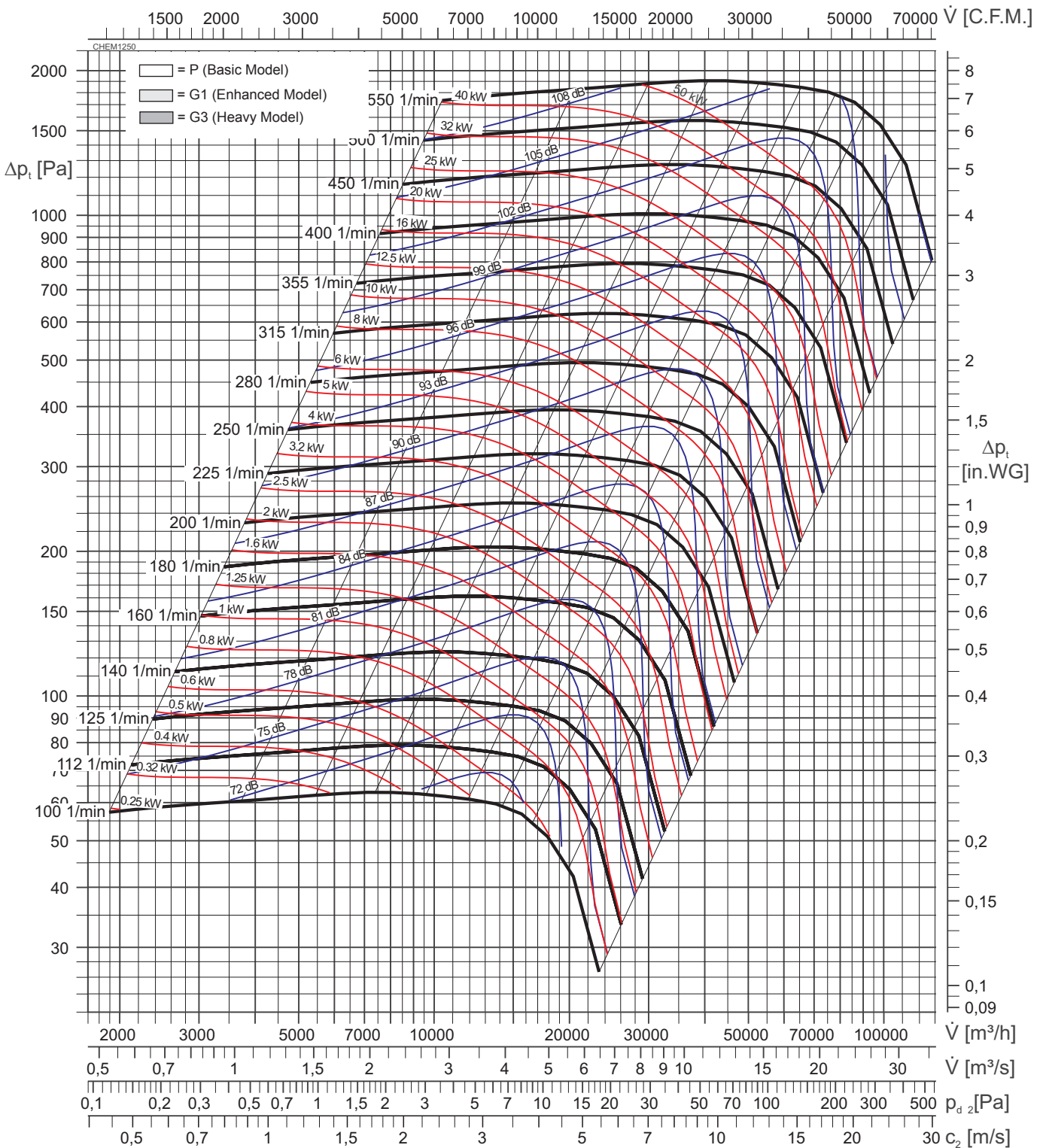
n [1/min] rpm	Oktavb.-Mittenfrequ. / Octave b. midfreq. [Hz]							
	63	125	250	500	1k	2k	4k	8k
112 - 400	2,0	2,4	0,7	-1,2	-4,7	-13,9	-20,8	-31,1
450 - 710	-0,5	2,1	-0,8	-1,5	-3,4	-13,4	-19,5	-29,2

The test data is obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data is not certified by AMCA.

### CHEM 1250

Fan test laboratory AMCA 210/99 Fig.12, Test Chamber. Performance certified is for installation type B-Free inlet, Ducted outlet.

Power rating (kW) does not include transmission losses, Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L<sub>WA</sub> sound power levels for installation Type B: free inlet, ducted outlet.



Im Kennfeld ist der A-bewertete Schalleistungspegel  $L_{WA}$  angegeben. A-weighted Sound power level  $L_{WA}$  is quoted in the diagram.

Schalldruckpegel  $L_{PA}$  in 1 m Entfernung A-Sound pressure level  $L_{PA}$  at 1 meter distance

$$L_{PA} [dB(A)] = L_{WA} [dB(A)] - 7 [dB]$$

Oktavpegels  $L_{Wokt}$ : Octave sound power level  $L_{Wokt}$ :

$$L_{Wokt} [dB] = L_{WA} [dB(A)] + \Delta L [dB]$$

Relative Frequenzspektrum  
relative frequency spectrum  $\Delta L$  in dB/Okt

n [1/min] rpm	Oktavb.-Mittenfrequ. / Octave b. midfreq. [Hz]							
	63	125	250	500	1k	2k	4k	8k
100 - 355	0,7	5,8	0,3	-0,9	-5,0	-14,1	-25,4	-30,5
400 - 630	-1,4	5,3	-0,8	-2,3	-3,7	-13,4	-19,4	-29,4

The test data is obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data is not certified by AMCA.