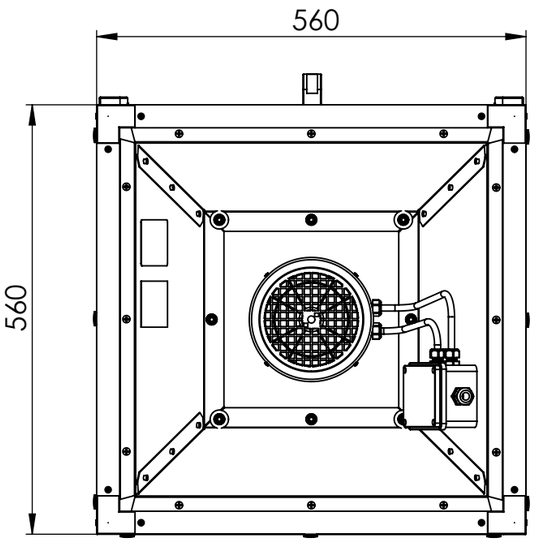
MOD : CVX/4T

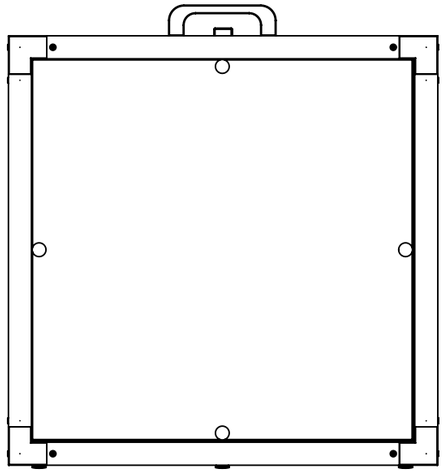
Production code : BERVDI4000PRO3F-C

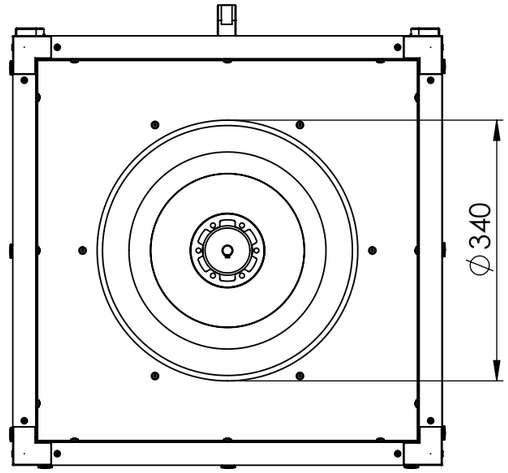
09/2024

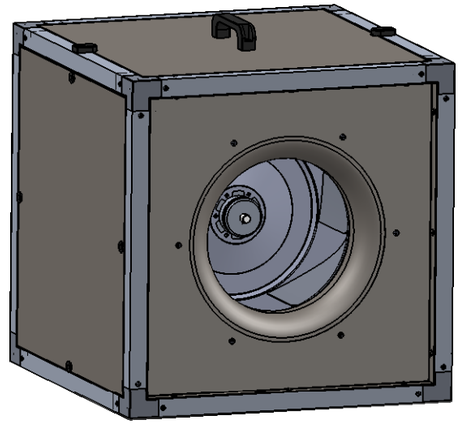
Diamond

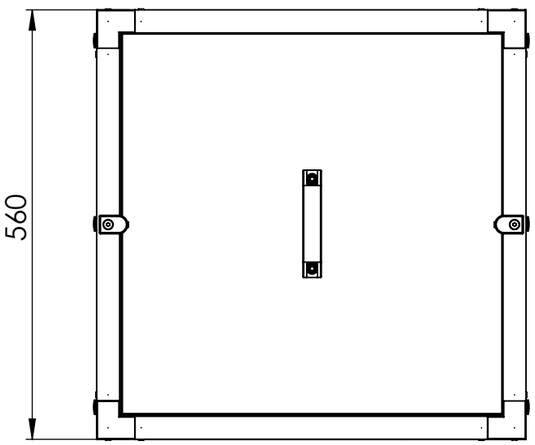
Ventilateur centrifuge

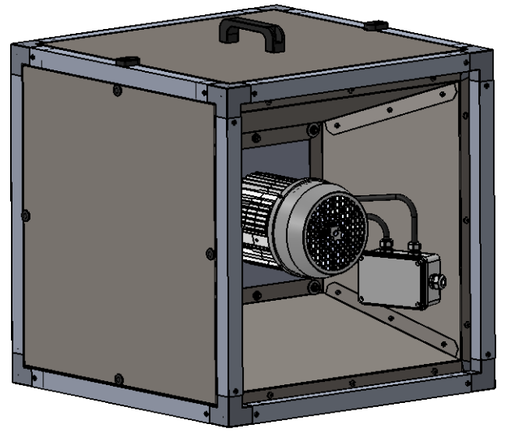












EDIZIONE / ISSUE	DISEGNATO / DRAWN	DATA / DATE	APPROVATO / APPROVED
00	C.FRIGENI	15/02/2024	C.FRIGENI
DESCRIZIONE MODIFICA / MODIFICATION DESCRIPTION			
EDIZIONE / ISSUE	DISEGNATO / DRAWN	DATA / DATE	APPROVATO / APPROVED
01			
DESCRIZIONE MODIFICA / MODIFICATION DESCRIPTION			
EDIZIONE / ISSUE	DISEGNATO / DRAWN	DATA / DATE	APPROVATO / APPROVED
02			
DESCRIZIONE MODIFICA / MODIFICATION DESCRIPTION			

Diamond

DESCRIZIONE / DESCRIPTION
CVX/4T

SCALA / SCALE
1:8

PESO / WEIGHT (kg)

SUPERFICIE / SURFACE (cm²)

FORMATO / SIZE
UNI A3

TOLLERANZE / TOLLERANCES
UNI EN 22768/v

INTERNAL DIMENSION

EXTERNAL DIMENSION

CODICE PRODOTTO CLIENTE / PRODUCT CODE CUSTOMER

MATERIALE / MATERIAL

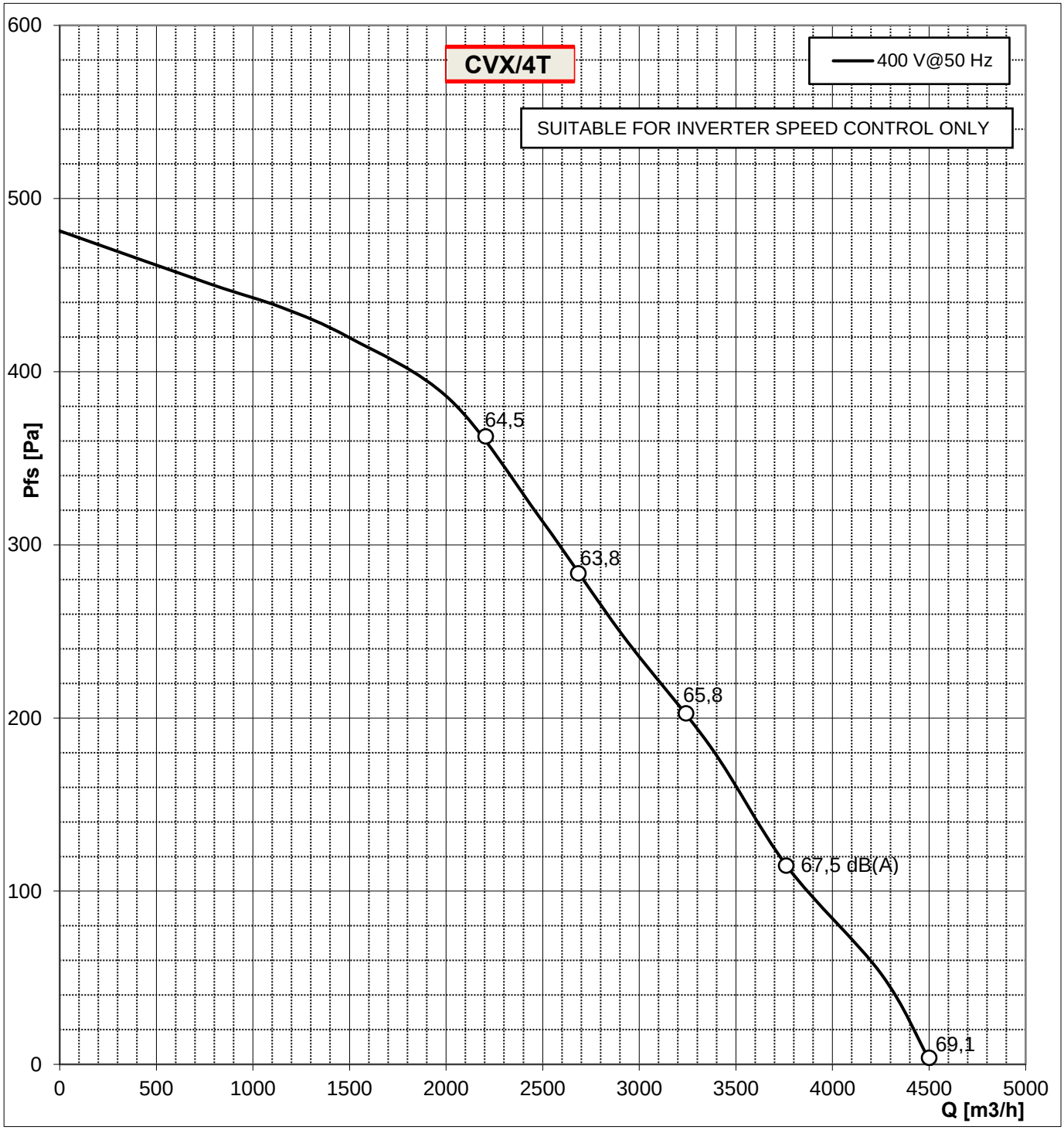
CODICE TRATTAMENTO GALVANICO / TREATMENT CODE

CODICE / CODE
121101B

Air density (γ): 1.20 kg/m³
Installation type "A": free inlet, free outlet
12000 m³/h fan test chamber according to AMCA 210/05 fig. 12
Free field Lp(A) measurements at 1 m according to ISO 3746:2011

Fan type:	CVX/4T	**Motor code:**	201101S	**Motor T.H.:**	YES OUT
		Motor power [W]:	420	**Capacitor [µF]:**	-
Date:	2018/11/16	**Motor poles:**	4	**Fan max. abs. current [A]:**	2,1/1,2
Power supply[V]:	230/400 3~	**Mot. prot. class:**	IP55	**Fan max. abs. power [W]:**	440
Frequency [Hz]:	50	**Mot. ins. class:**	F		

ErP status: Not subjected to Erp Regulation



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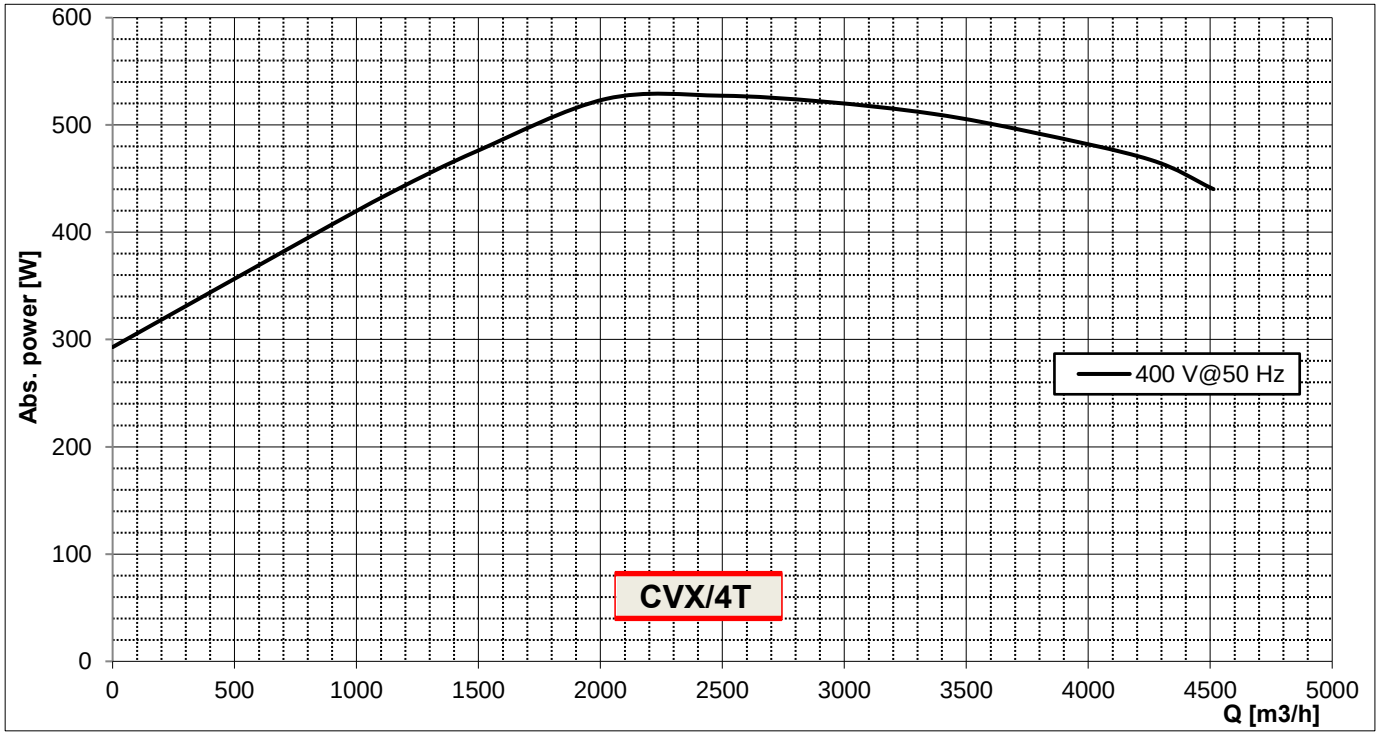
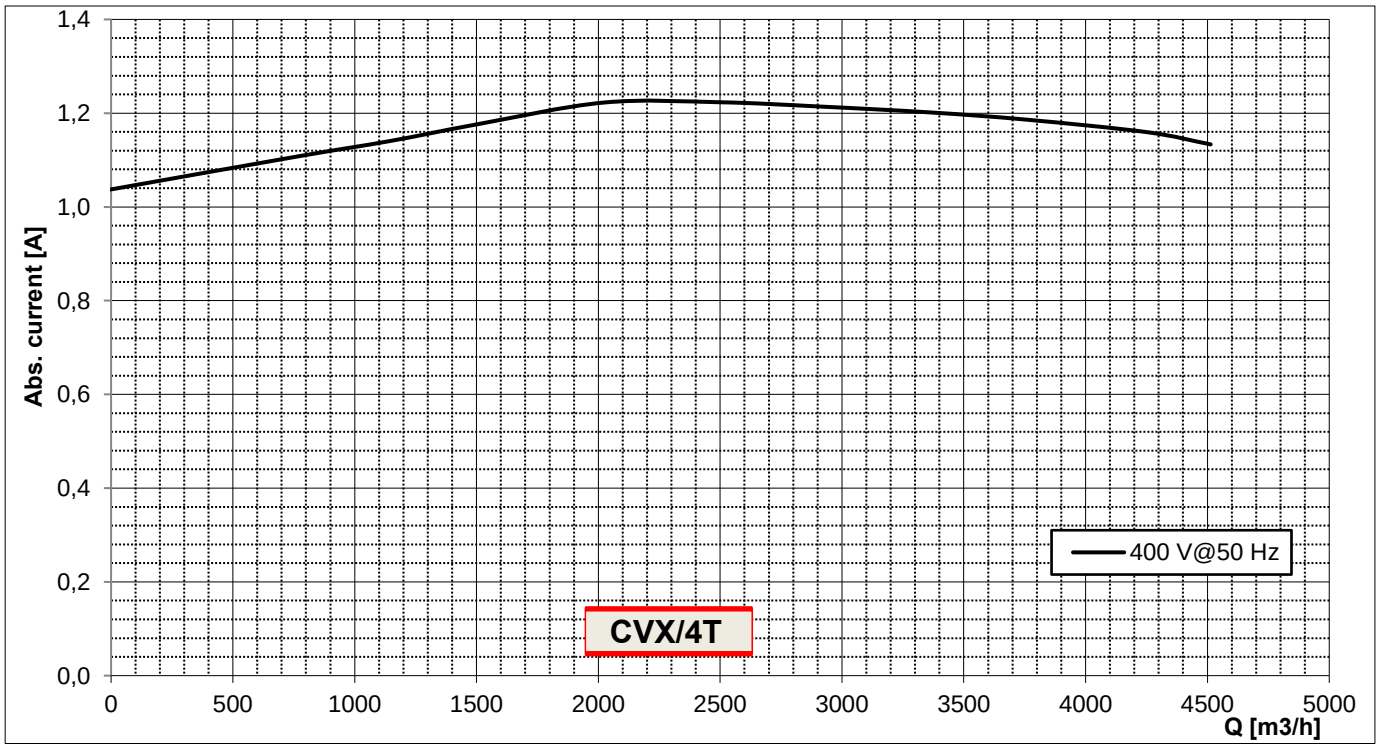
Frequency [Hz]:	50	**Mot. ins. class:**	F		

ErP status: Not subjected to Erp Regulation





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		Motor power [W]:	420	**Capacitor [µF]:**	-
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Frequency [Hz]:	50	**Mot. ins. class:**	F		

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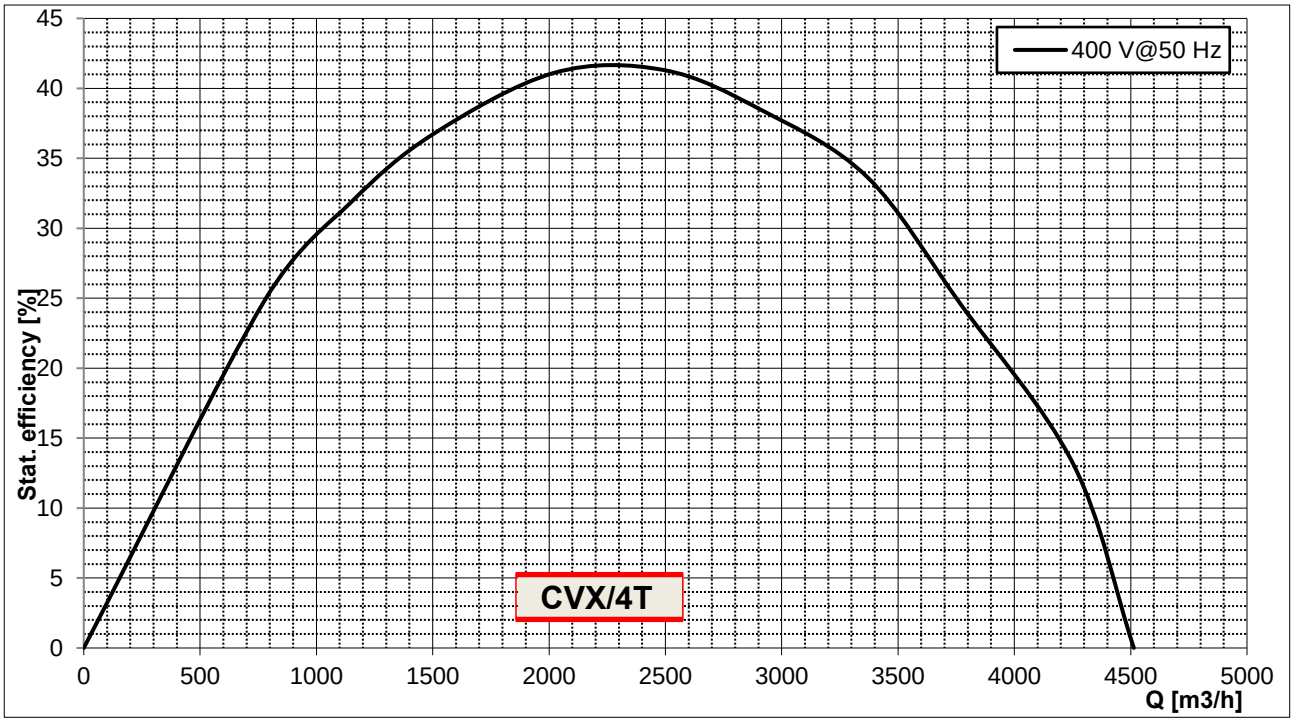
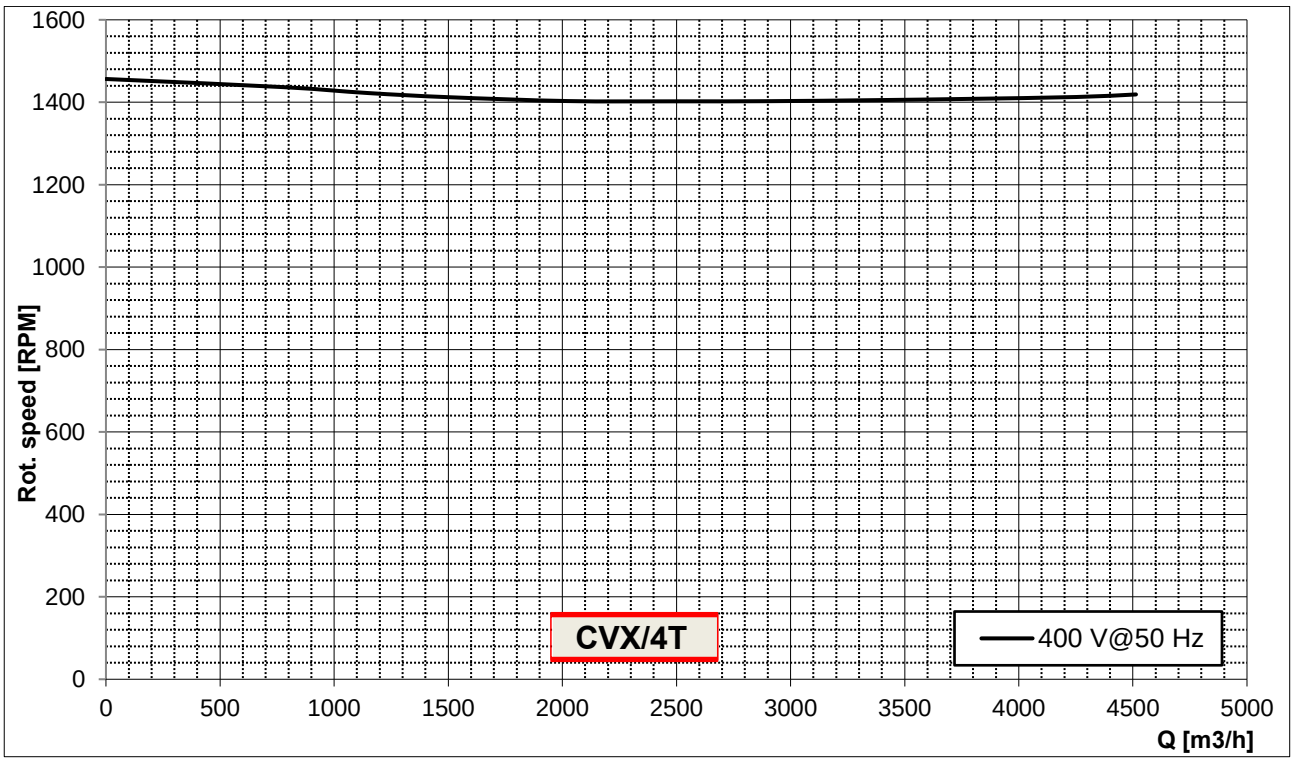


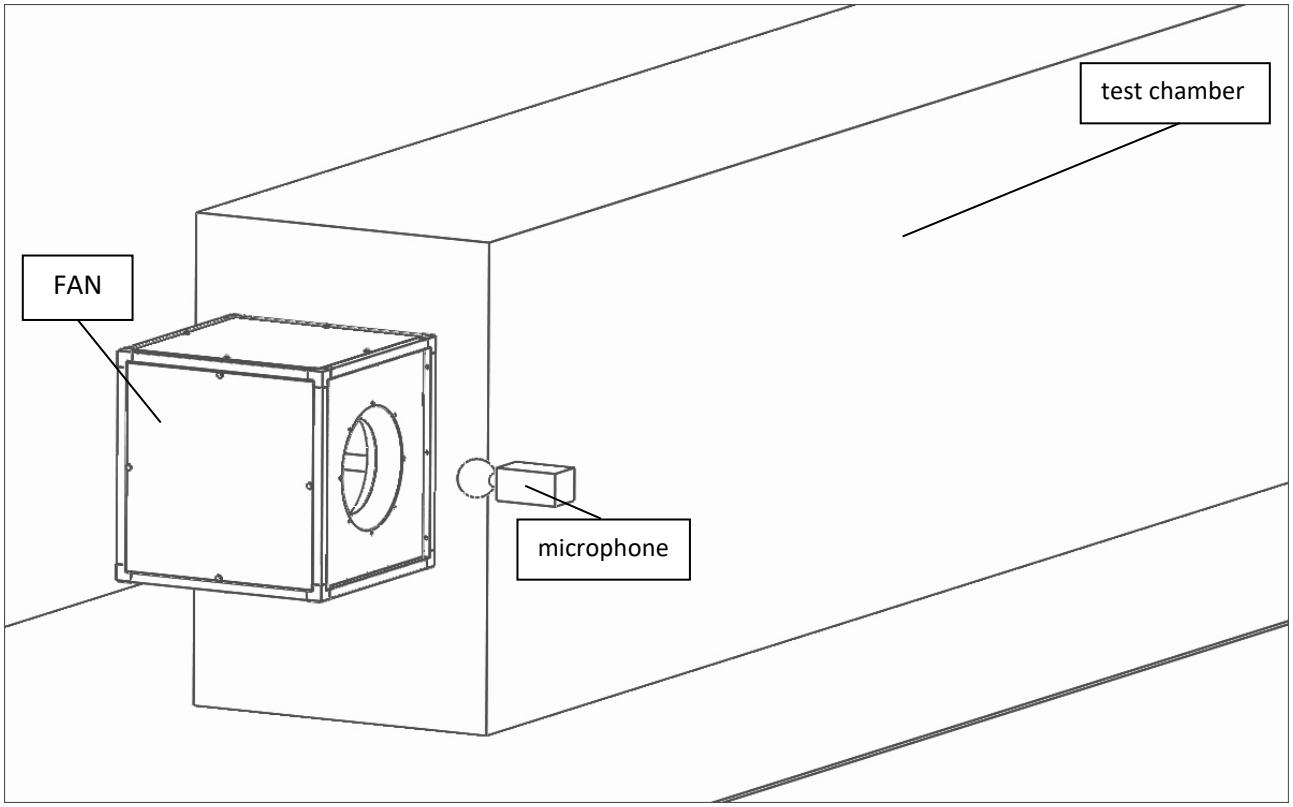


Air density (γ): 1.20 kg/m^3
Installation type "A": free inlet, free outlet
12000 m^3/h fan test chamber according to AMCA 210/05 fig. 12
Free field Lp(A) measurements at 1 m according to ISO 3746:2011

Fan type:	CVX/4T	**Motor code:**	201101S	**Motor T.H.:**	YES OUT
		Motor power [W]:	420	**Capacitor [µF]:**	-
Date:	2018/11/16	**Motor poles:**	4	**Fan max. abs. current [A]:**	2,1/1,2
Power supply[V]:	230/400 3~	**Mot. prot. class:**	IP55	**Fan max. abs. power [W]:**	440
Frequency [Hz]:	50	**Mot. ins. class:**	F		

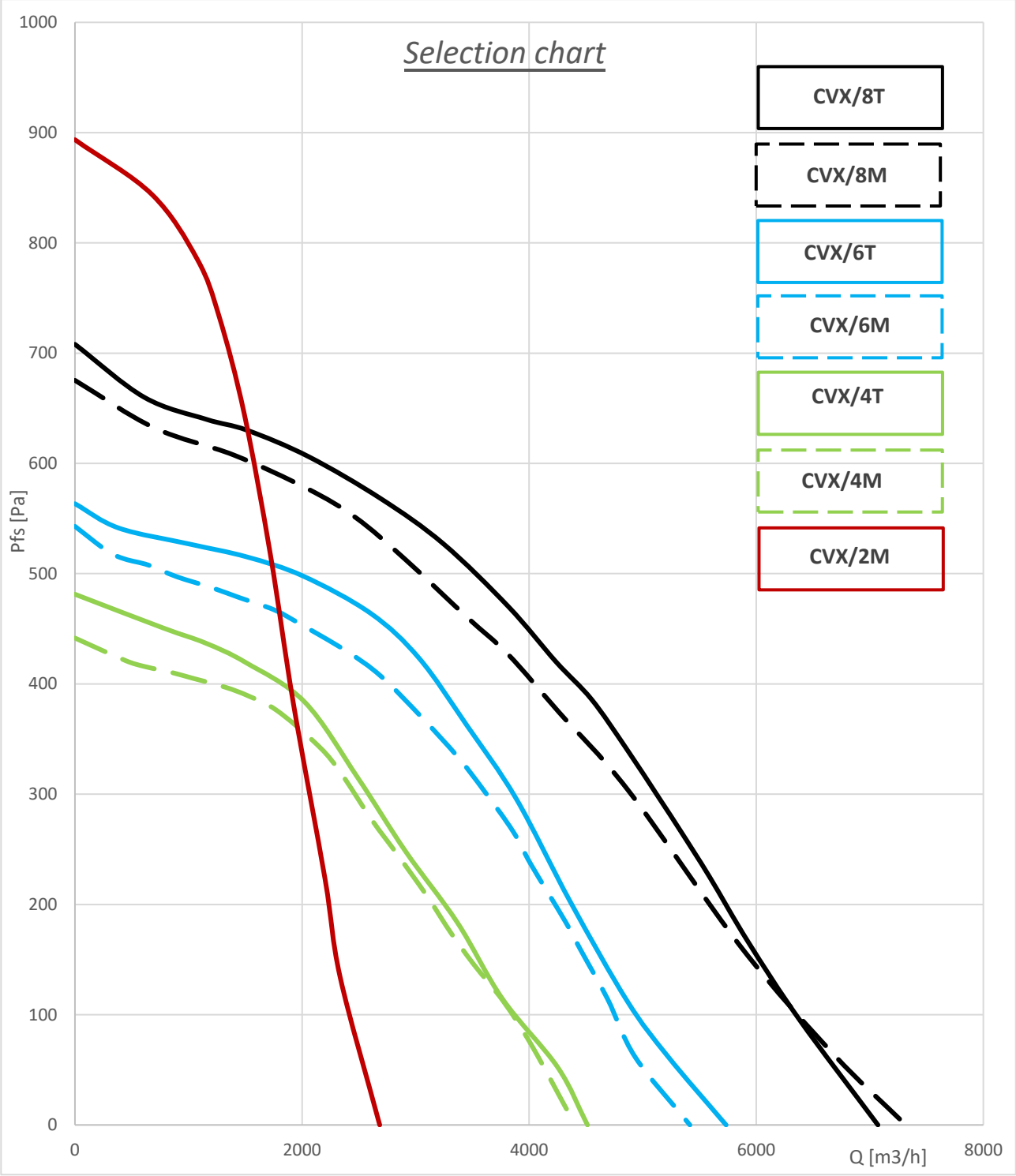
ErP status: Not subjected to Erp Regulation

Setup for unit noise test



Noise test setup is according to ISO 3746:2011 Standard.
A microphone, placed at 1 meter from the air inlet and 1 meter from the ground, gets the sound pressure levels in different unit operating conditions.
Test data are then mathematically revised in order to get the A-weighted free-field total sound pressure levels Lp(A) of the unit.
The Lp(A) value in dB(A) is available on CMC documentation.
Add 11 dB(A) to the sound pressure level Lp(A) value to get the correspondent sound power level Lw(A).

Diamond


Selection chart
CVX/8T
CVX/8M
CVX/6T
CVX/6M
CVX/4T
CVX/4M
CVX/2M
Pfs [Pa]
Q [m3/h]
1000
900
800
700
600
500
400
300
200
100
0
0
2000
4000
6000
8000