

SEAT VENTILATION SOLUTION

A NEW WIND
FOR A SAFE AND HEALTHY
VENTILATION SYSTEM



JET Series



Anti-corrosion solutions
for industry and laboratories.

ANTI-CORROSION FANS

FOR VAPOURS, CORROSIVE GAS
AND TOXIC EXTRACTIONS

SEAT Ventilation is the leader of anti-corrosion fans.

Our company responds to the challenges of its clients of all sizes and in all sectors, from big multinational companies to medium-sized companies or small installers, resellers, manufacturers of laboratory furniture or end users.

The success of our company is based on the daily implementation, in our actions and decisions of four fundamental values:

Technicality

To support all our customers needs and requests with our team of engineers.

Reactivity

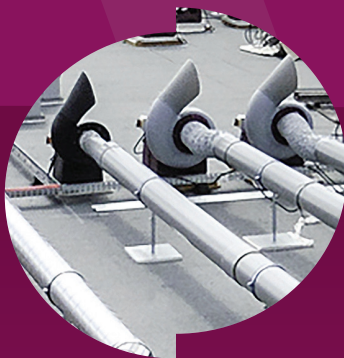
To establish and maintain a close relationship with each of our customers, to excel in our quality of service and to respond quickly to requests.

Competitiveness

To optimize and accelerate our processes by reducing costs, with manufacturing of French origin without ever losing sight of our customer's quality requirements.

Innovation

To continuously improve our products and develop new ones to better serve the needs of our customers.



SOLUTION FOR INDUSTRIES

Wide variety of anti-corrosive fans perfectly suited for the extraction of corrosive or toxic fumes, gases and vapors.



SOLUTION FOR LABORATORIES

Complete air extraction control systems and regulatory solutions for laboratory fume cupboards to ensure user safety.



LEADER
in anti-corrosion fans



Export in
+ 80 COUNTRIES



Business
EXPERTISE



ASS
& training



Made in
FRANCE



+ 500 CLIENTS
trust us



ENERGY
saving

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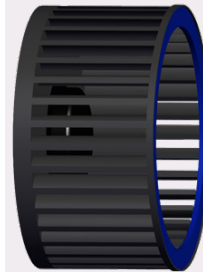


JET Series



Housing

- Polypropylene casing
- High corrosion resistant
- From 400 to 3 500 M³/H
- From 80 to 1 200 Pa
- Single block without welded joint
- UV treated
- Inlet and motor flanges made of polypropylene



Impellers

- Forward curved
- Made of polypropylene
- Cap hub made of polypropylene
- Electronically and dynamically balanced

Explosion resistant

All the JET fans are available in Explosion resistant version. Our fans are compliant with all international standards: ATEX (EN60079) and European Directives (99/92/EC and 94/9/EC).



EXPLOSION RESISTANT MARKING

ATEX : Ex II 3G Ex c GROUP IIC T4



AMCA Certified



SEAT Ventilation certifies that the JET Series shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program."

Performance certified is for installation type A - Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances (accessories). Maximum fan input power over the range catalogued, or fan input power at the stated duty, or maximum motor input watts, voltage and frequency over the range catalogued, or motor input watts, voltage, and frequency at the state duty. - Rating Methods D.

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA standard 301. Values shown are for inlet Lwi and LwiA sound power levels for installation Type A: Free inlet, Free outlet. Ratings do not include the effects of duct end correction. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Sound pressure levels are not licensed by AMCA international.

Table of references

Single-phase series

	Motor RPMs (RPM)	Power (kW)	Voltage (V)	Intensity (A)	Weight (kg)	Part number
JET 20	1450	0,18	230	1,4	12,75	71202010
	2870	0,75	230	4,8	13,93	71203010
JET 25	1450	0,37	230	2,7	14,2	71252010
JET 30	1450	1,1	230	7,23	23,3	71302010

Three-phase series

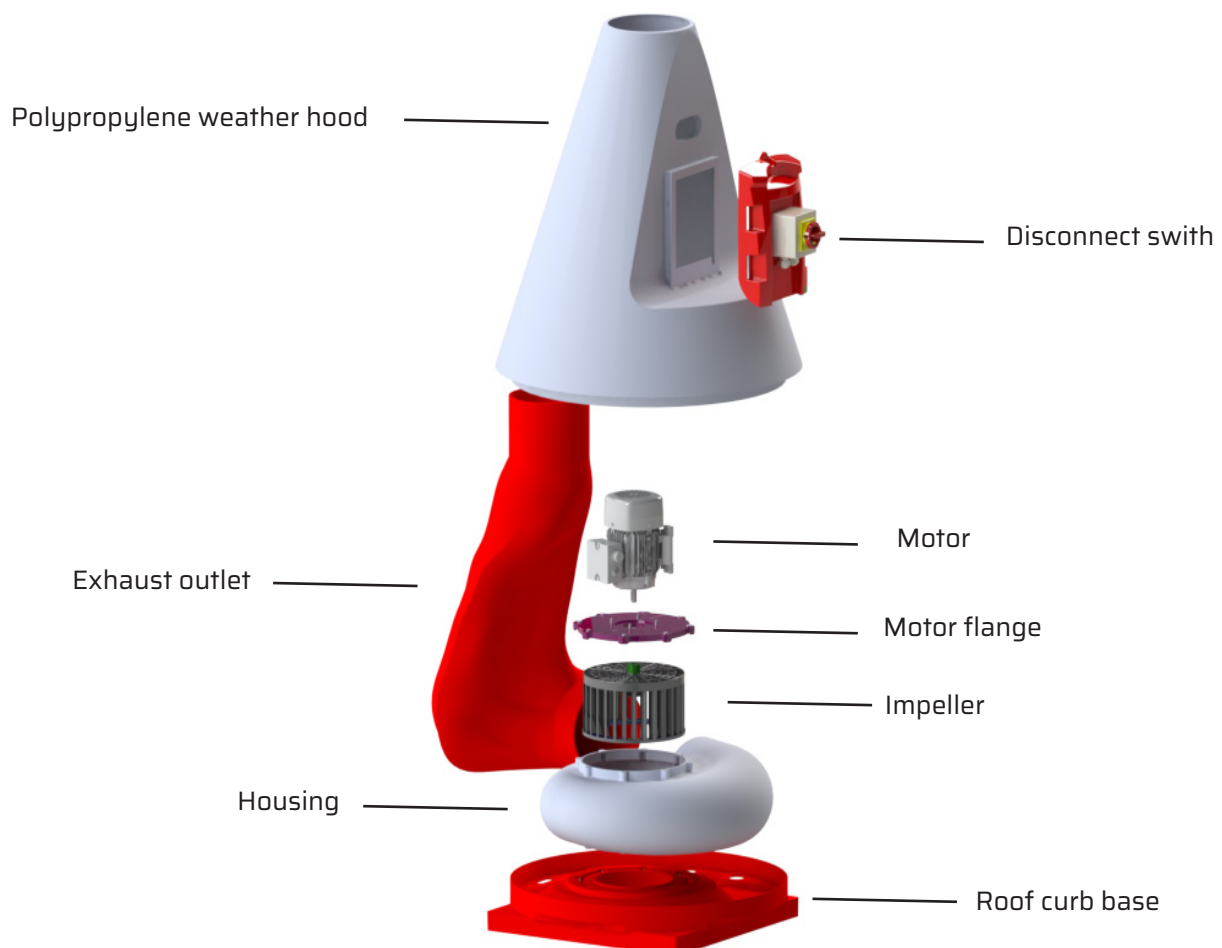
Asynchronous series

	Motor RPMs (RPM)	Power (kW)	Voltage (V)	Intensity (A)	Weight (kg)	Part number
JET 20	930	0,18	230/400	1,22/0,7	12,4	71201000
	1450	0,18	230/400	1,09/0,63	12,5	71202000
	2870	0,75	230/400	2,85/1,64	15,93	71203000
	2870	1,1	230/400	4,02/2,31	16,93	71203001
JET 25	930	0,18	230/400	1,22/0,7	13,1	71251000
	1450	0,37	230/400	1,85/1,06	13,6	71252000
	1450	0,55	230/400	2,59/1,49	14,7	71252055
	2870	2,2	230/400	7,56/4,35	26,2	71253000
	2870	3	230/400	9,9/5,71	32,2	71253300
JET 30	930	0,55	230/400	2,72/1,57	21,3	71301000
	1450	1,1	230/400	4,32/2,48	23,8	71302000

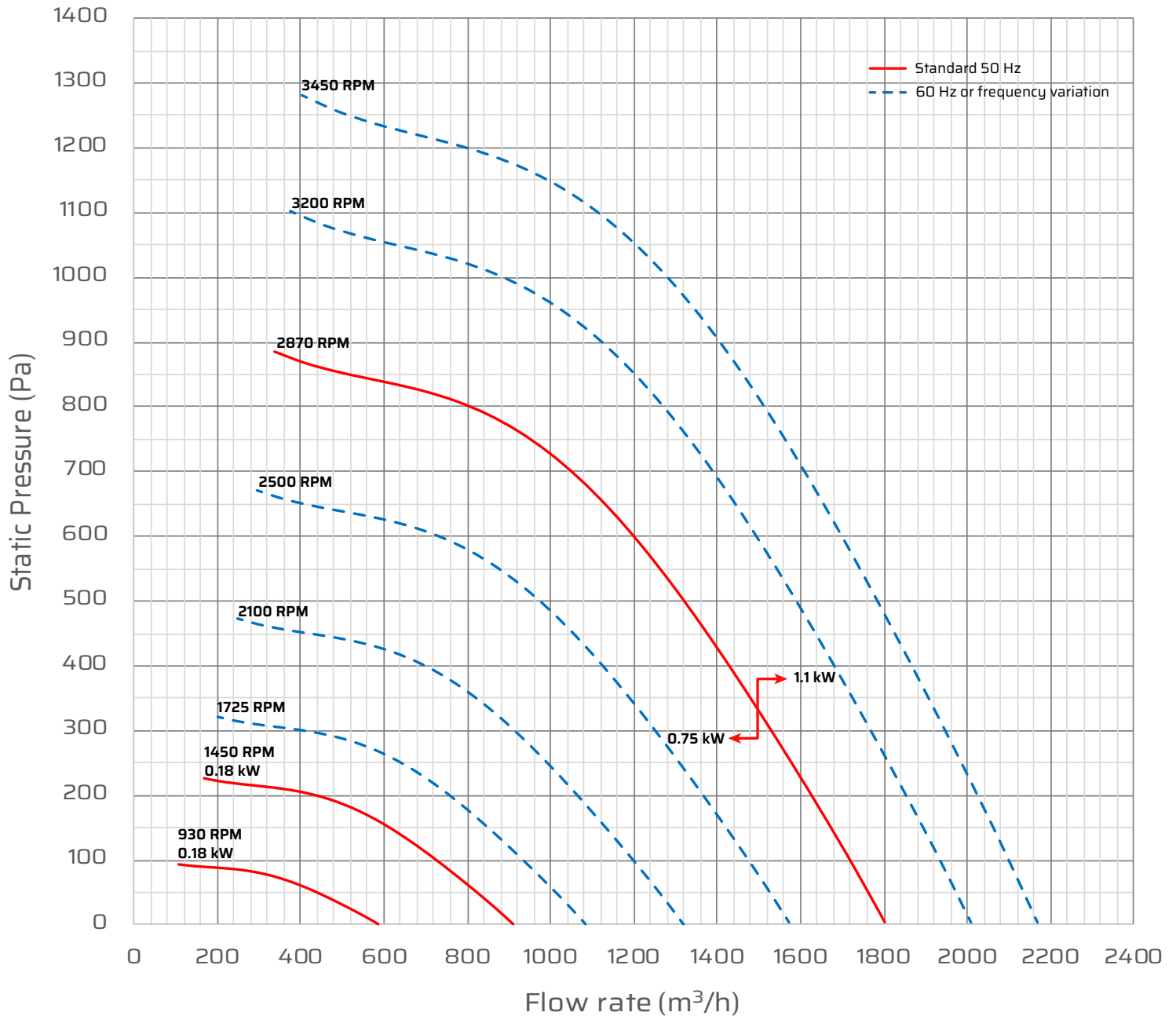
Explosion Resistant series

	Motor RPMs (RPM)	Power (kW)	Voltage (V)	Intensity (A)	Weight (kg)	Part number
JET 20	930	0,18	230/400	1,06/0,61	22,3	71201003
	1450	0,18	230/400	1,13/0,65	12	71202003
	2870	0,75	230/400	3,46/2	16,9	71203003
JET 25	930	0,18	230/400	1,5/0,85	29	71251003
	1450	0,37	230/400	1,94/1,12	14,6	71252003
	2870	2,2	230/400	8,7/5	23,2	71253003
JET 30	1450	1,1	230/400	5,7/3,3	23,3	71302003

Exploded view



JET 20

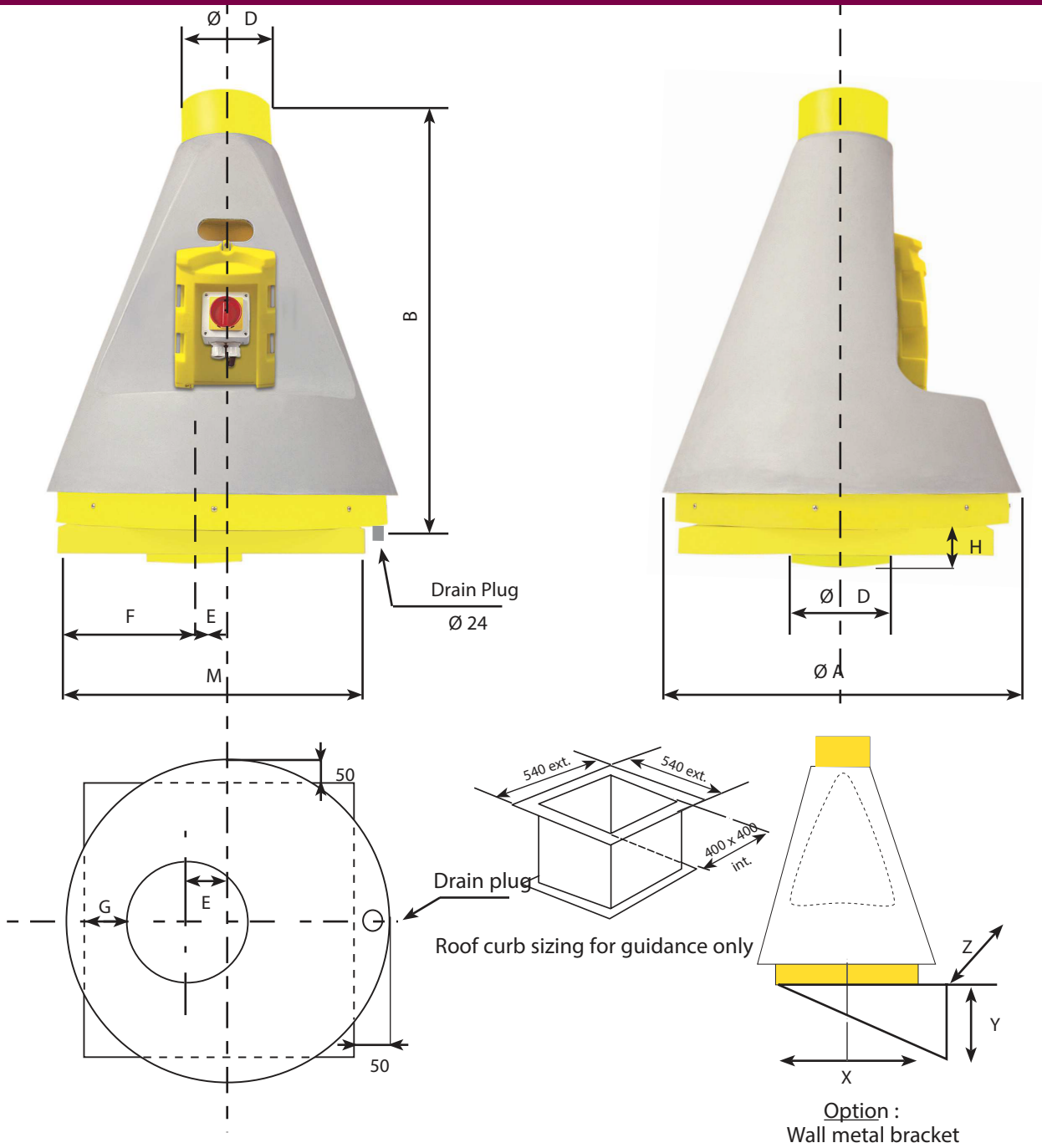


Inlet sound

	Q_v	SP	LwA	LpA *	Octave band (Hz)							
RPM	(m³/h)	(Pa)	dB(A)	dB(A)	63	125	250	500	1000	2000	4000	8000
1450	470	190	66	45	61	67	66	63	61	55	52	45
2870	925	740	80	60	76	81	80	78	76	69	67	60

* Acoustic pressure Lp at 3 meters - Outlet acoustic data available on request

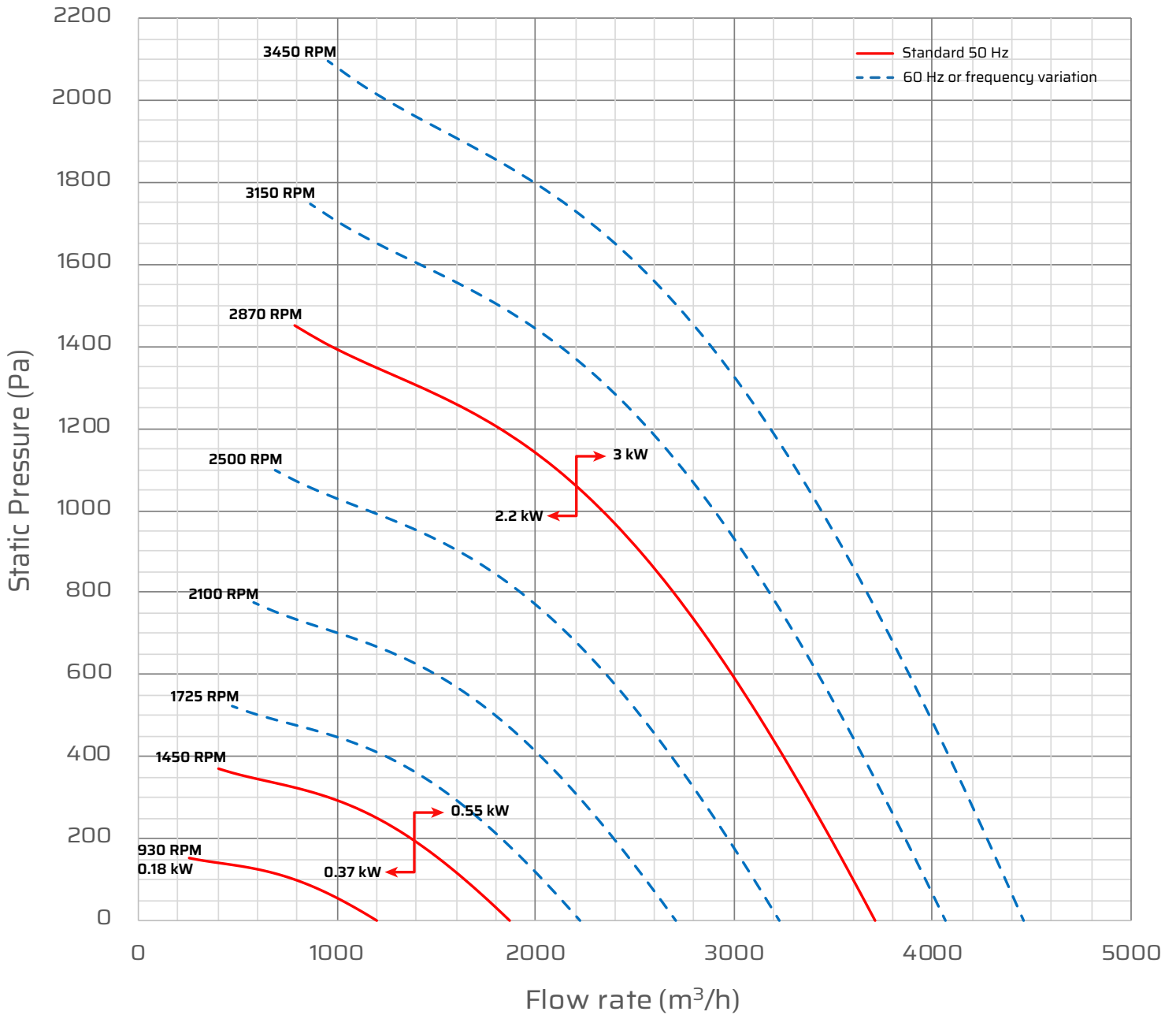
JET 20



Available in ATEX version 

Dimensional data (mm)										
A	B	$\emptyset D$	E	F	G	H	X	Y	Z	M
600	800	160	50	250	160	70	280	350	400	540-540 mm

JET 25

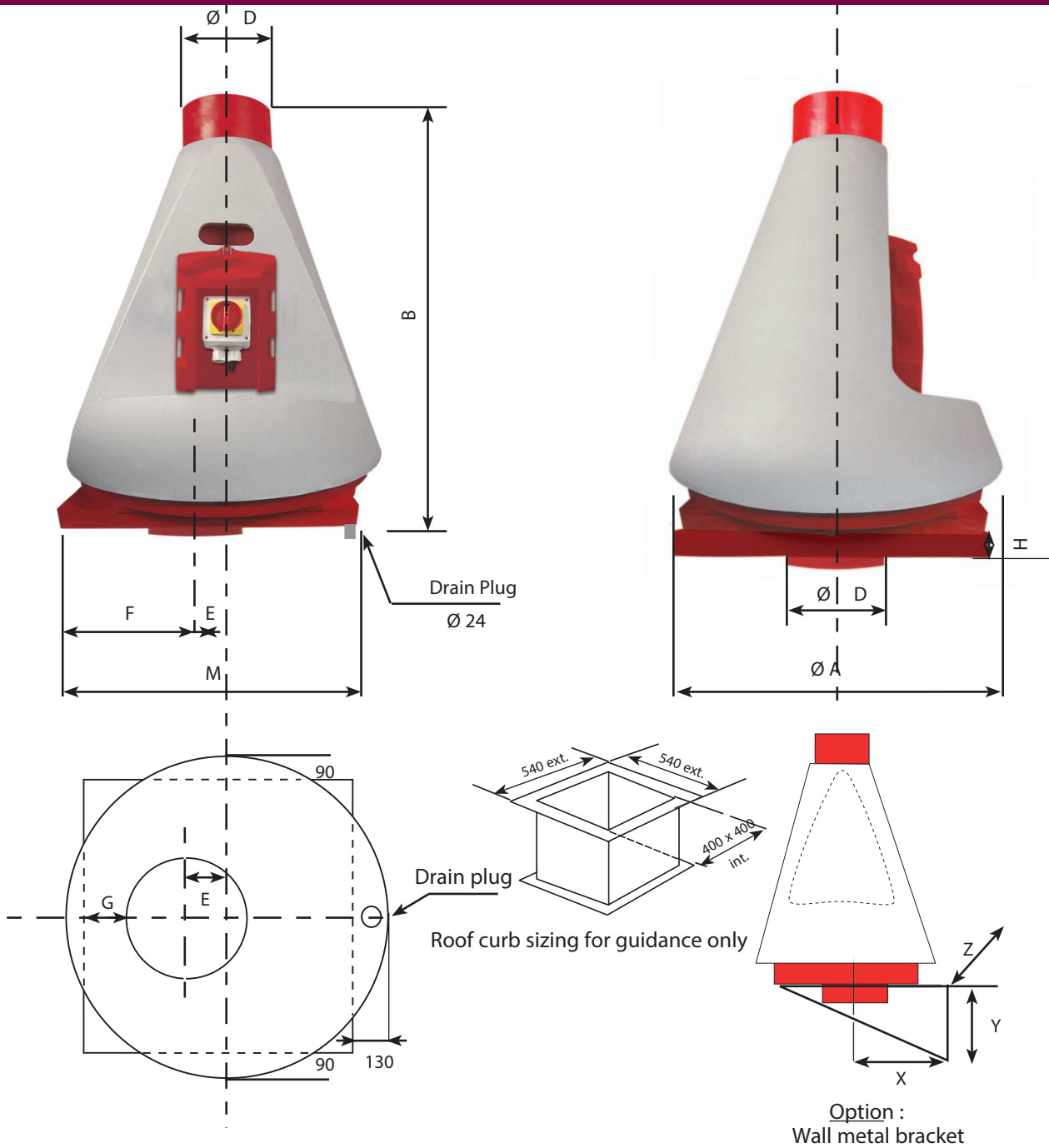


Inlet sound

	Q _v	SP	L _{wA}	L _{pA} *	Octave band (Hz)							
RPM	(m ³ /h)	(Pa)	dB(A)	dB(A)	63	125	250	500	1000	2000	4000	8000
1450	647	325	72	51	71	75	71	69	67	63	59	55
2870	1280	1273	87	66	86	90	86	84	82	77	73	70

* Acoustic pressure L_p at 3 meters - Outlet acoustic data available on request

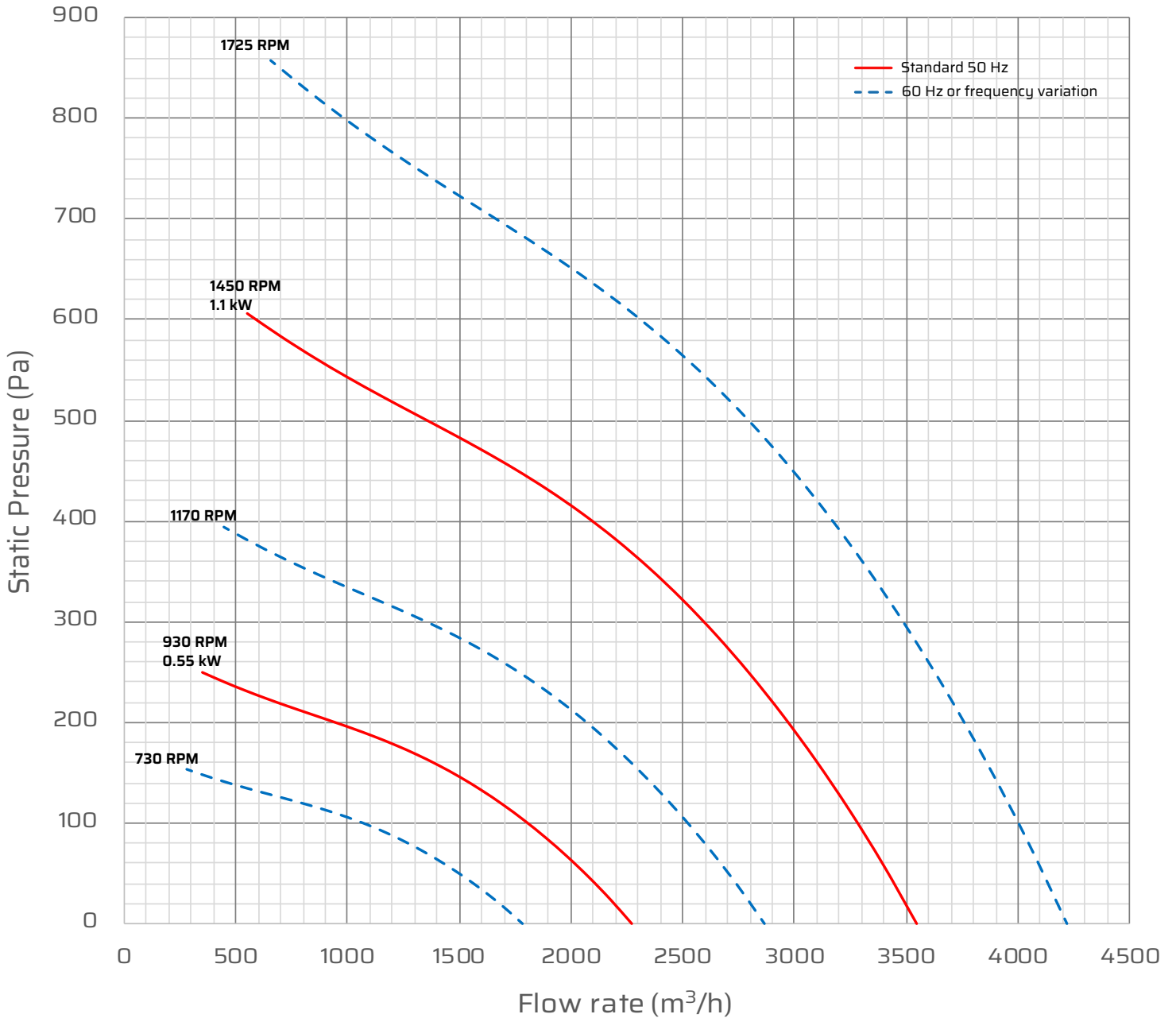
JET 25



Available in ATEX version 

Dimensional data (mm)											
A	B	$\varnothing D$	E	F	G	H	I	X	Y	Z	M
735	900	200	60	240	145	25	55	330	350	510	540-540 mm

JET 30

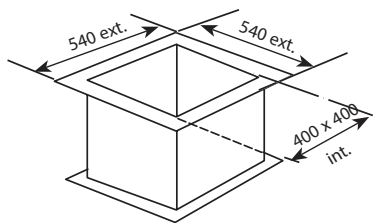
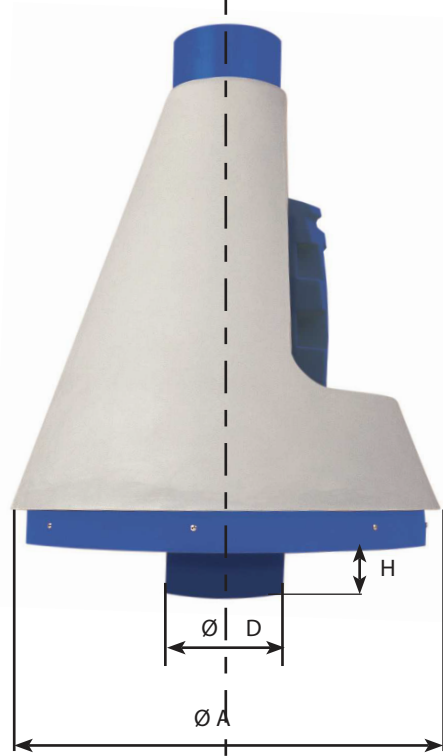
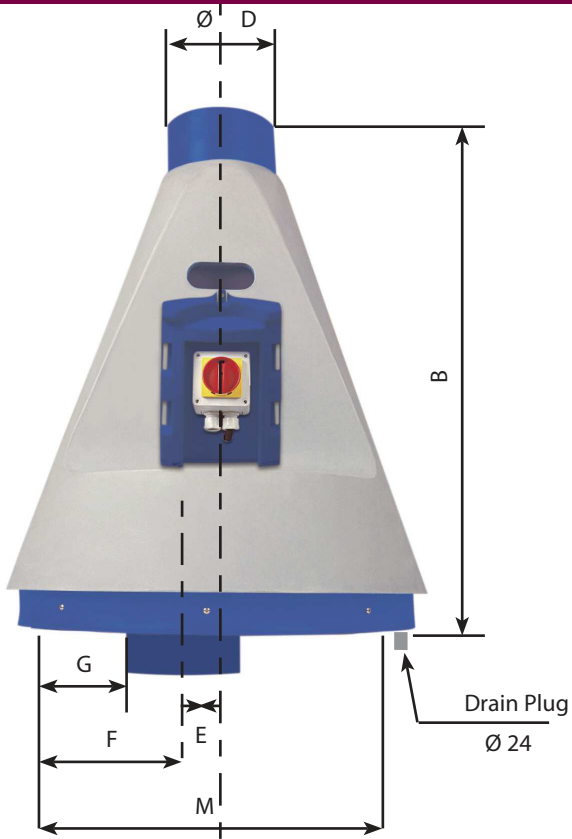


Inlet sound

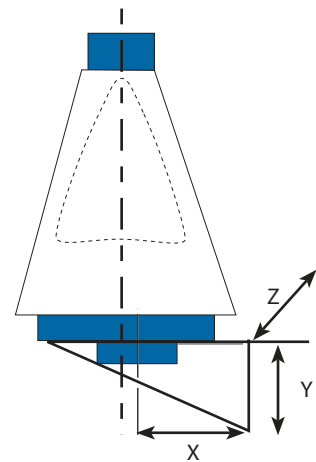
	Q _v	SP	LwA	LpA *	Octave band (Hz)							
RPM	(m³/h)	(Pa)	dB(A)	dB(A)	63	125	250	500	1000	2000	4000	8000
930	1006	185	69	48	67	69	64	65	65	61	57	53
1450	1570	450	78	58	77	78	74	74	74	71	66	63

* Acoustic pressure Lp at 3 meters - Outlet acoustic data available on request

JET 30



Roof curb sizing for guidance only



Option :
Wall metal bracket

Available in ATEX version 

Dimensional data (mm)											
A	B	Ø D	E	F	G	H	G'	X	Y	Z	M
880	1040	250	70	200	75	70	130	400	400	600	540-540 mm

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