

JET Series

Specifications



Fan type

In line centrifugal roof curb mounted with vertical discharge

Applications

Suitable for operation in highly corrosive applications such as laboratory exhaust or the chemical industry.



Housings: PP

Single back strong high density UV treated and recyclable polypropylene (PPH) with no air leakage. All fan mounting hardware in stainless steel.



Wheels: PP

Forward curved centrifugal type impeller made of injection molded PPH. Fan wheel supplied with motor shaft bushing and hub cap constructed of PPH. Wheels electronically and dynamically balanced to ISO 1940.



Motors

Direct drive, asynchronous, single or three phase, IP55. Single speed: three phase 230/400V-50/60 Hz, single phase 230V-50Hz. Explosion proof motors available on request. Motor is outside the corrosive airstream and accessible by removal of outer housing. Three phase motors speed adjustable by variable frequency inverter drive..



ATEX

SEAT Series Fans are also available in ATEX Zone II, known outside Europe as explosion proof category 3 G execution in accordance with ATEX directive 94/9/CE. ATEX declaration of conformity available on our web site www.seat-ventilation.com. The performances curves of explosion proof fans are identical with the ones of the standard version.

Temperature resistance

PPH casing and wheel recommended up to 60°C.

Performance

Fan performance based on tests conducted in accordance with AMCA 210-85 and ISO 5801.



JET Series

Electrical data and weight*

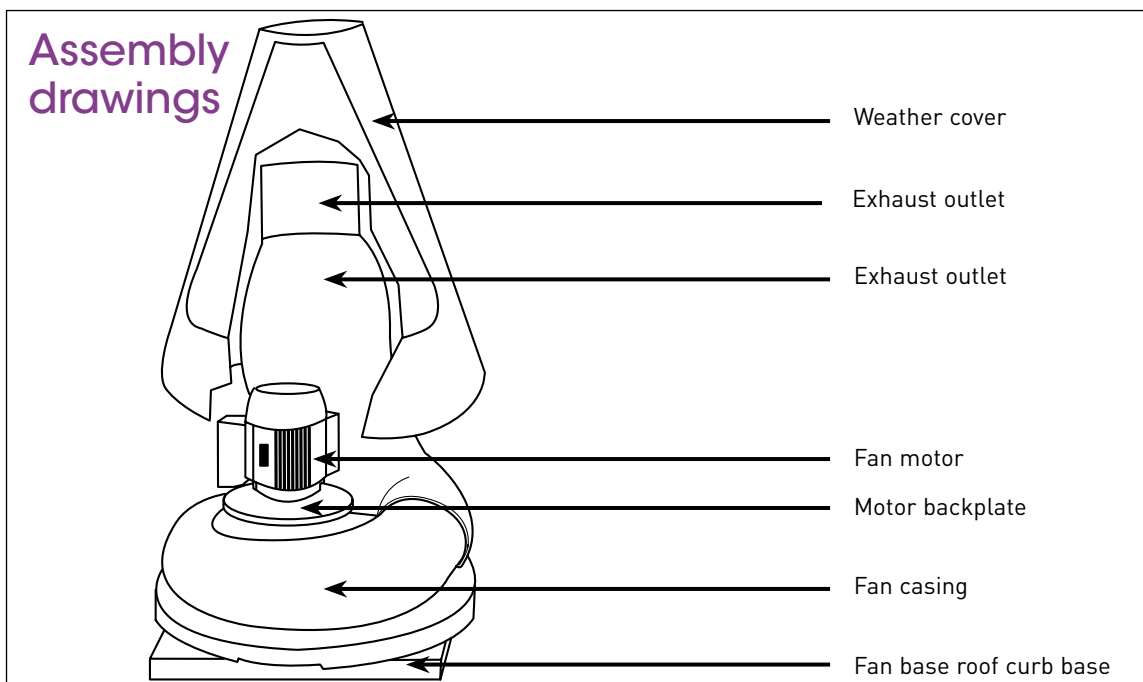
	RPM (T/min)	(kW)	(V)	AMP draw (A)	Weight (Kgs)	Reference
Single Phase						
JET 20	1500	0,25	230	2,5	21,40	71202010
	3000	0,75	230	5,4	22,60	71203010
JET 25	1500	0,37	230	3,1	23,00	71252010
JET 30	1500	1,50	230	6.87	41,80	71302010

Three Phase						
JET 20	1000	0,18	230/400	1,5/0,85	21,70	71201000
	1500	0,25	230/400	1,7/0,96	21,00	71202000
	3000	0,75	230/400	3,2/1,9	23,40	71203000
	3000	1,10	230/400	4,7/2,7	27,90	71203001
JET 25	1000	0,18	230/400	0,21/0,7	21,40	71251000
	1500	0,37	230/400	3,1/1,8	21,20	71252000
	3000	2,20	230/400	8,8/5,1	41,20	71253000
	3000	3,00	230/400	10,3/6	45,60	71253300
JET 30	1000	0,55	230/400	3/1,8	41,40	71301000
	1500	1,10	230/400	4,7/2,7	45,50	71302000

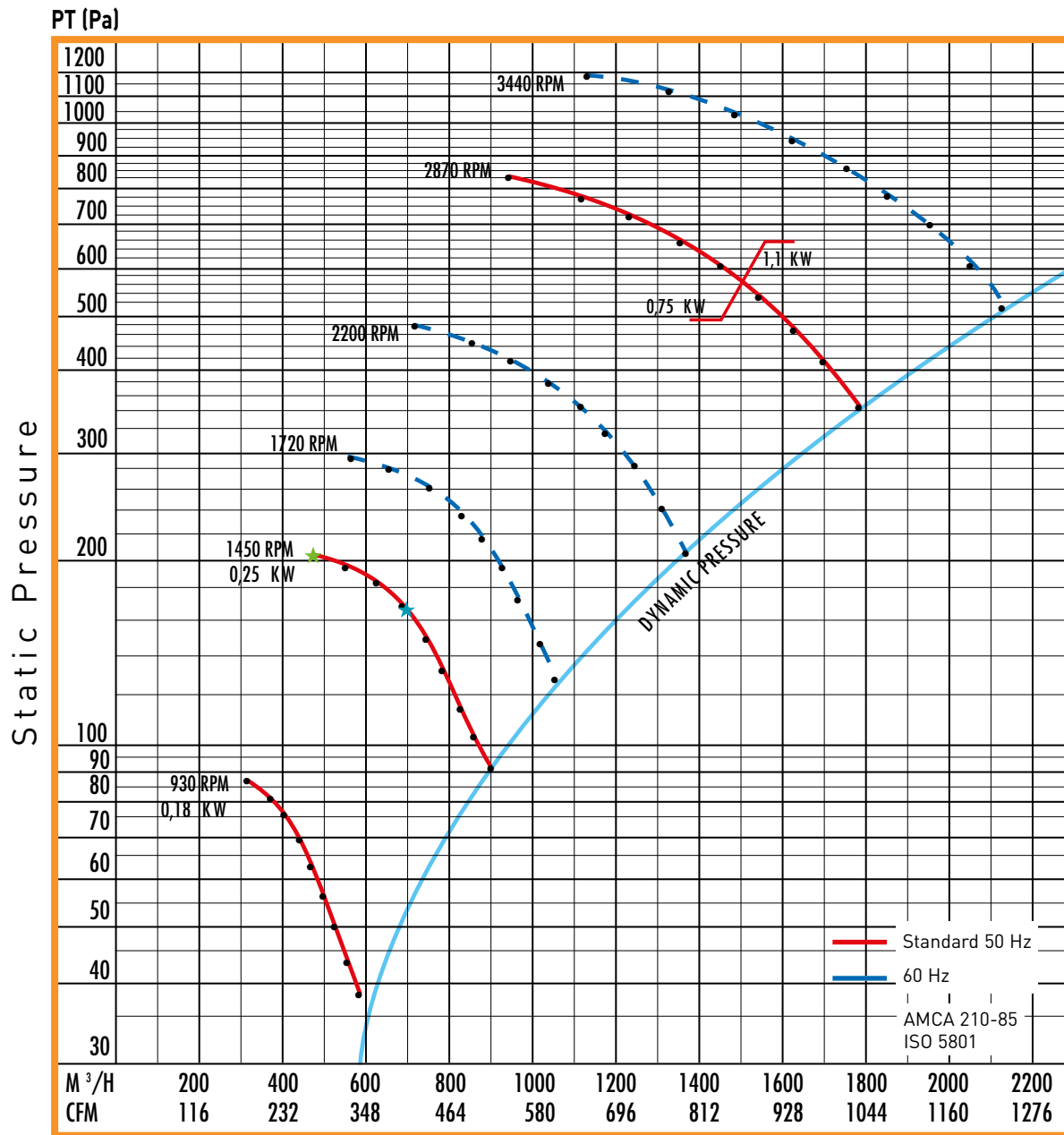


ATEX						
JET 20 ATEX	1000	0,18	230/400	1,06/0,61	22,30	71201003
	1500	0,18	230/400	0,97/0,56	22,30	71202003
	3000	0,75	230/400	3,3/1,9	26,00	71203003
JET 25 ATEX	1000	0,18	230/400	1,5/0,85	29,00	71251003
	1500	0,37	230/400	1,7/1	30,00	71252003
	3000	2,20	230/400	8/4,6	40,90	71253003
JET 30 ATEX	1500	1,10	230/400	5,7/3,3	43,70	71302003

*Tabulated current values are approximate and depend on make and model of the motor.



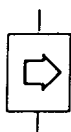
JET 20



Noise level in octaves (dB)

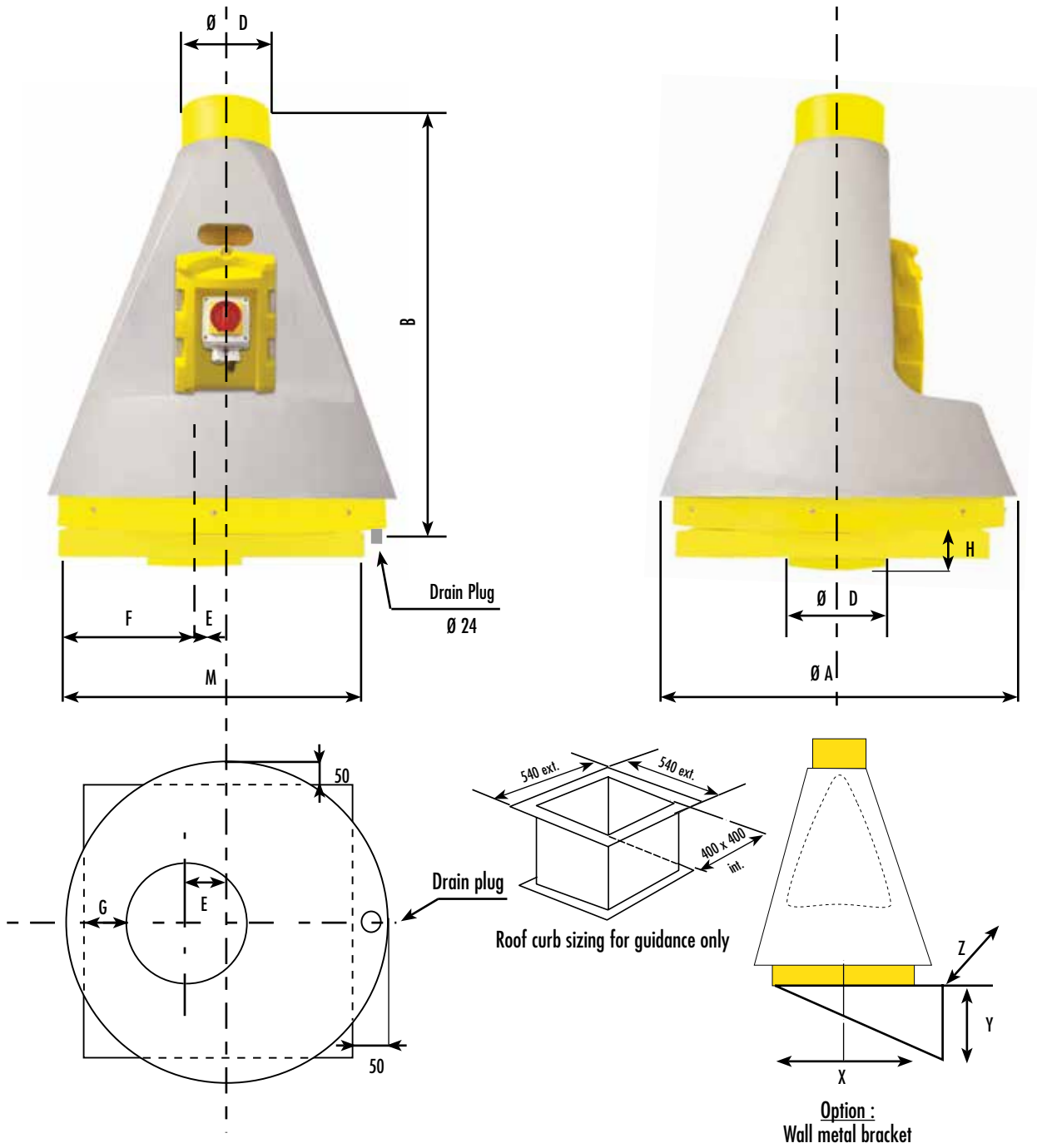
Freq. Octave Hz	1450 R.P.M. ★ 470 m³/h	1450 R.P.M. ★ 700 m³/h
125	66	70
250	69	71
500	67	67
1000	63	66
2000	58	58
4000	54	57

R.P.M.	LWA dB(A)
950	60,3
★ 1450	70,3
2900	85,1



Free inlet/Free outlet
Noise level test type A.
Visit our website for details.

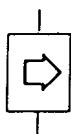
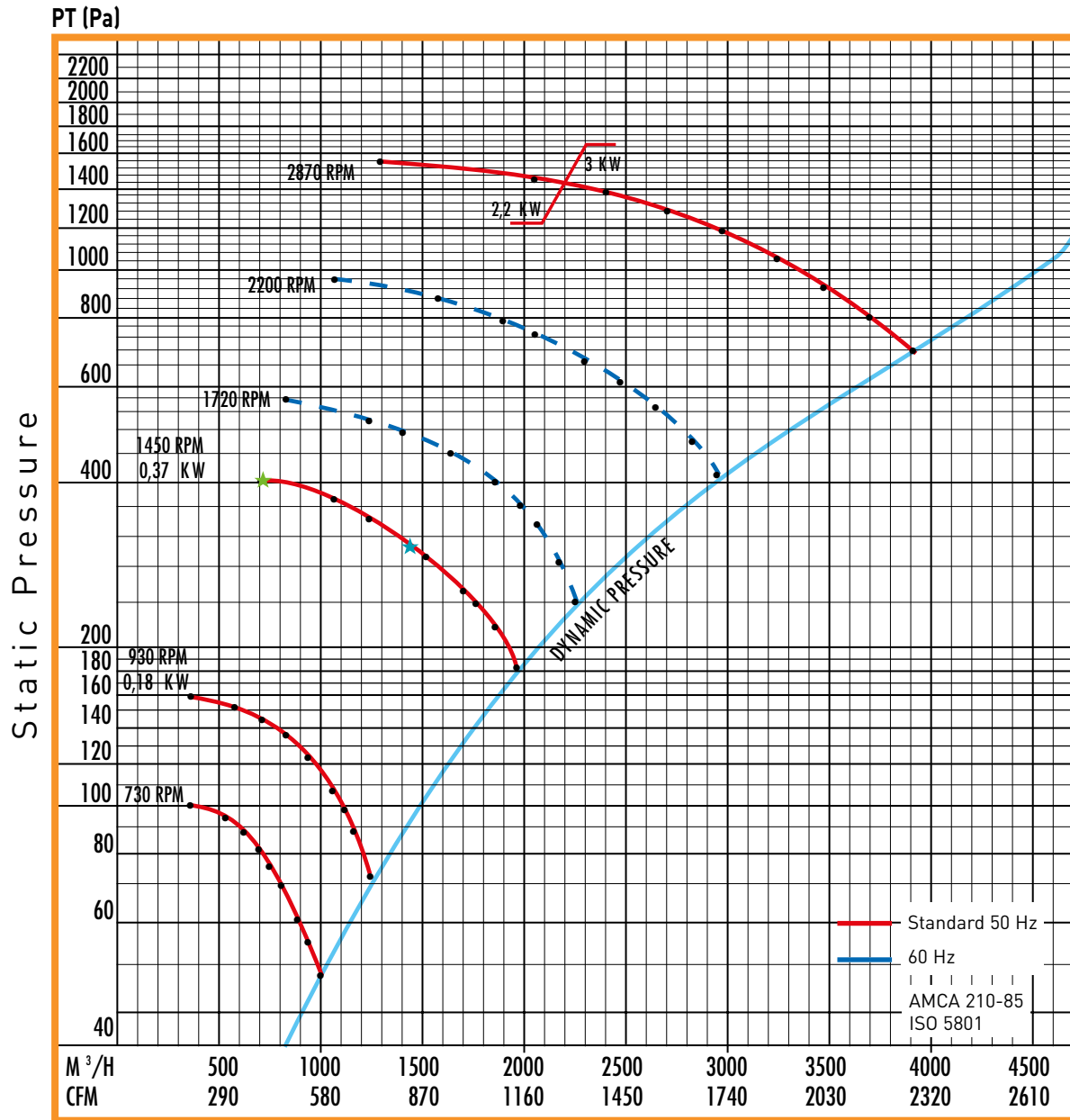
JET 20



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



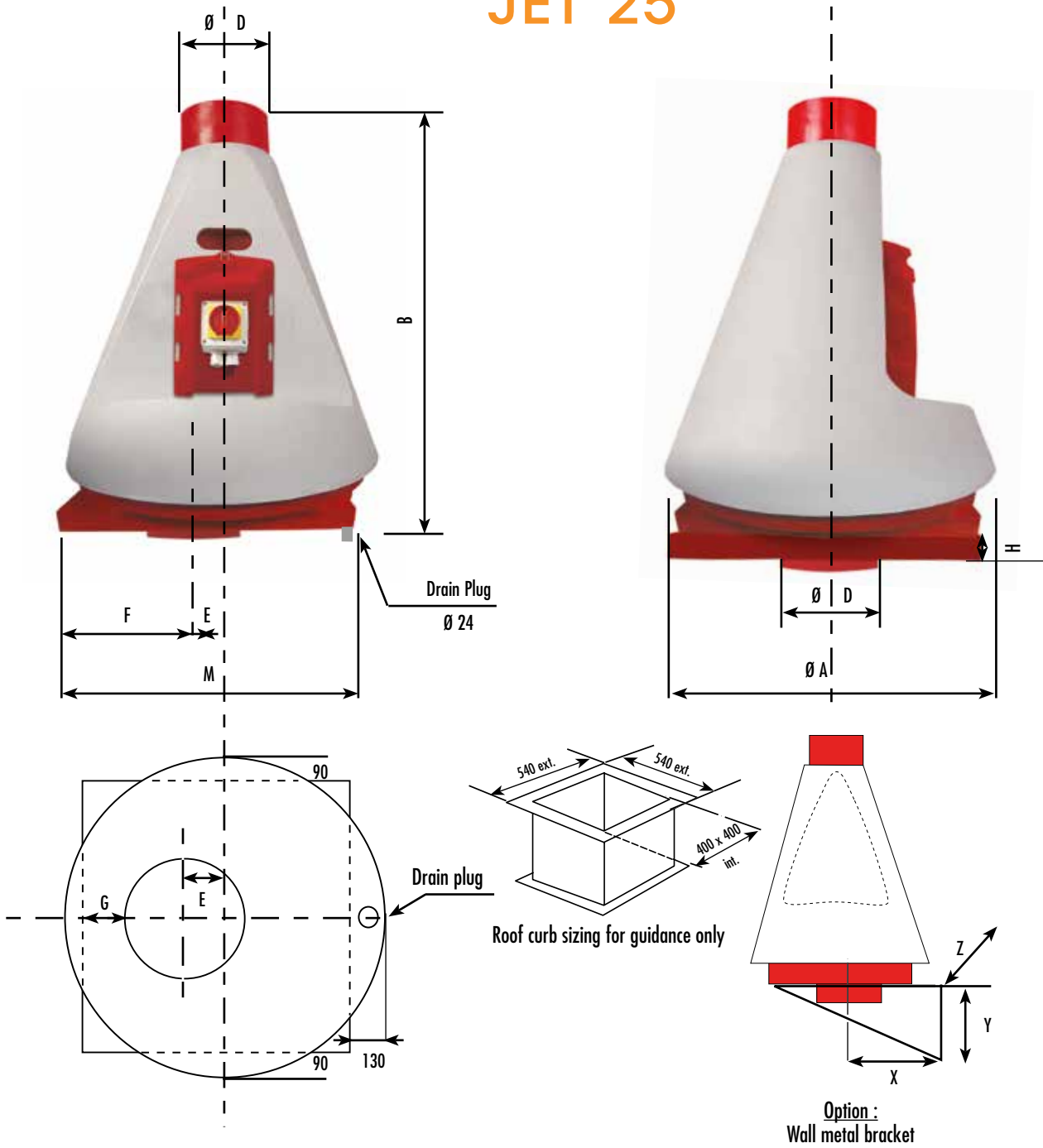
Free inlet/Free outlet
Noise level test type A.
Visit our website for details.

R.P.M.	LWA dB(A)
950	66,2
★ 1450	76,0
2900	90,6

Noise level in octaves (dB)

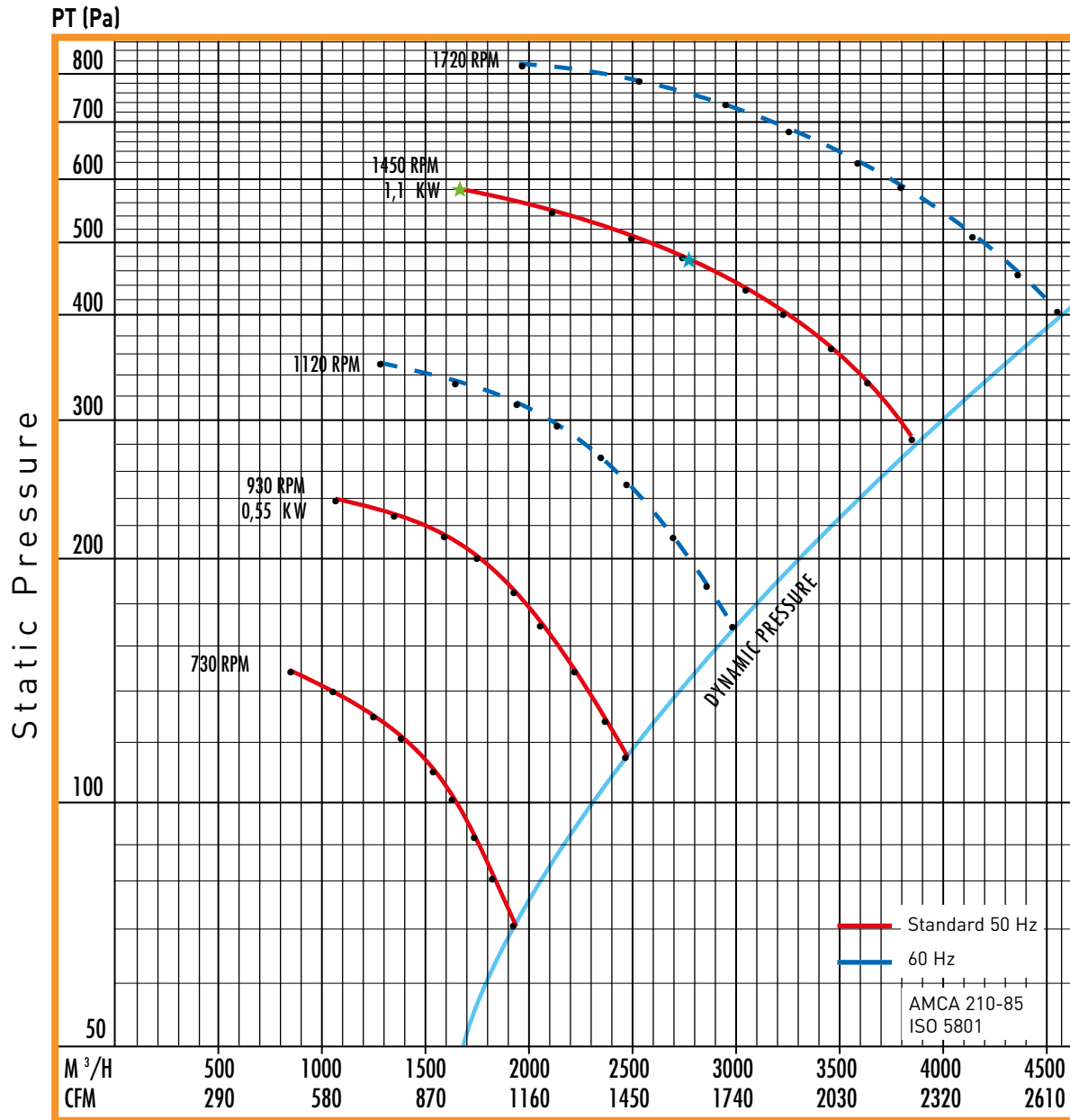
Freq. Octave Hz	1450 R.P.M. ★ 650 m ³ /h	1450 R.P.M. ★ 1360 m ³ /h
125	73	79
250	71	74
500	70	73
1000	70	73
2000	62	64
4000	65	63

JET 25

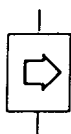


Dimensional data (mm)											
A	B	$\emptyset D$	E	F	G	H	I	X	Y	Z	M
735	900	200	60	240	145	25	55	330	350	510	540-540 mm

JET 30



Spectres sonores à l'aspiration (selon ISO 5801)



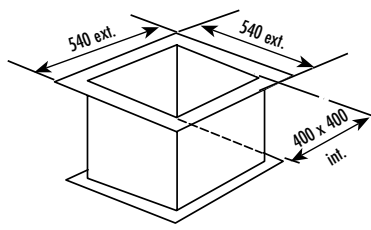
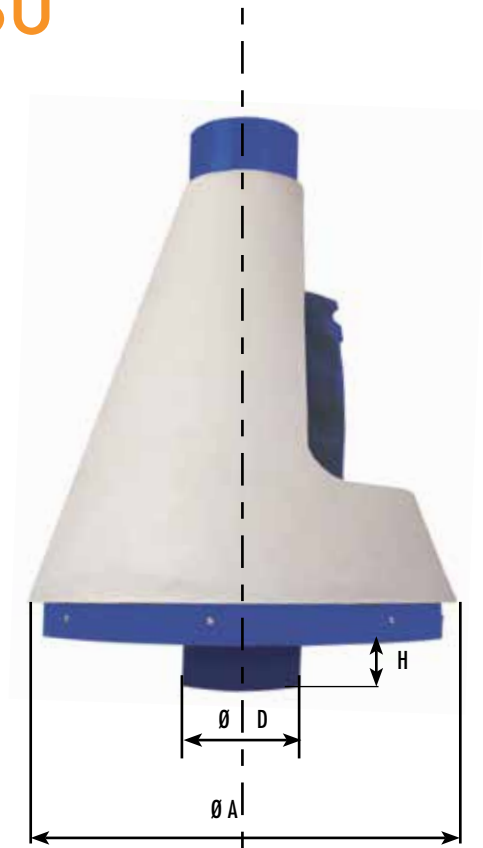
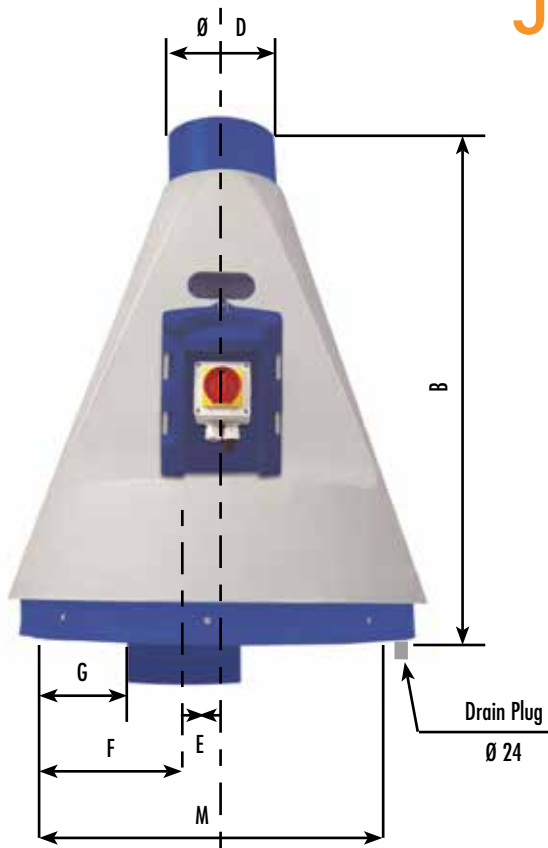
Free inlet/Free outlet
Noise level test type A.
Visit our website for details.

R.P.M.	LWA dB(A)
950	73,1
★ 1435	82,8

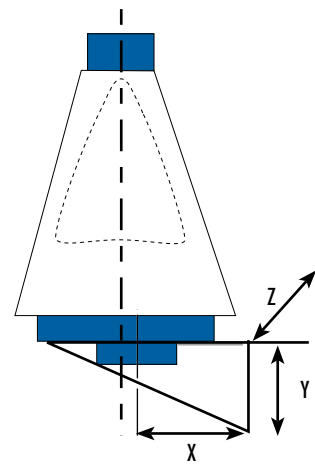
Noise level in octaves (dB)

Freq. Octave Hz	1450 R.P.M. ★ 1595 m³/h	1450 R.P.M. ★ 2730 m³/h
125	79	87
250	78	81
500	77	80
1000	76	78
2000	72	74
4000	66	70

JET 30



Roof curb sizing for guidance only



Option :
Wall metal bracket

Dimensional data (mm)

A	B	$\emptyset D$	E	F	G	H	G'	X	Y	Z	M
880	1040	250	70	200	75	70	130	400	400	600	540-540 mm