

JET Series Specifications



Fan type: In line centrifugal roof curb mounted with vertical discharge

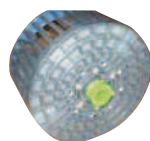
Applications: Suitable for operation in highly corrosive applications such as laboratory exhaust or the chemical industry.

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.

Temperature resistance

PPH casing and wheel recommended up to 80°C.

Performance


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

Warranty

SEAT VENTILATION warrants its equipment to be free from defects in workmanship and material under normal use and service for one year after shipment. Warranty is void if damage results from improper wiring or installation

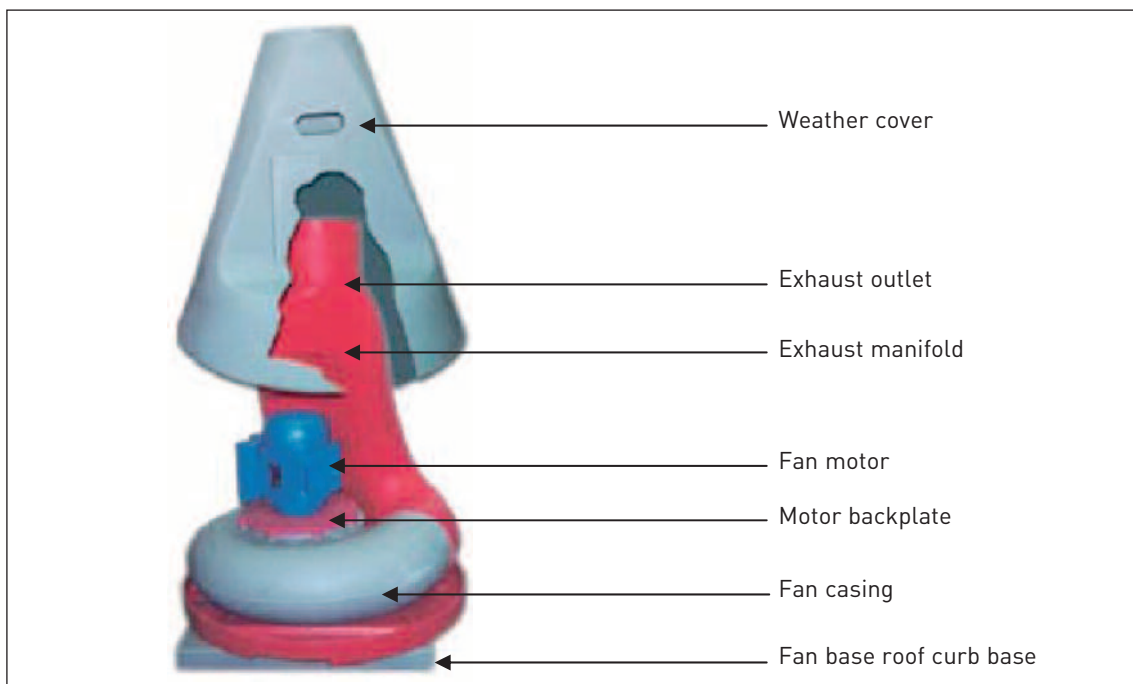


Electrical data and weight*

	RPM (T/min)	(kW)	(V)	AMP draw (A)	Weight (Kgs)
Single phase					
JET 20	1500	0,25	230	2,5	19,50
	3000	0,75	230	5,4	25,20
JET 25	1500	0,37	230	3,1	25,50
JET 30	1500	1,50	230	9,2	40,15
Three phase					
JET 20	1000	0,18	230/400	1,5/0,85	22,80
	1500	0,25	230/400	1,7/0,96	22,80
	3000	0,75	230/400	3,2/1,9	24,00
	3000	1,10	230/400	4,7/2,7	25,90
JET 25	1500	0,37	230/400	2,1/1,2	25,50
	1500	0,55	230/400	3,1/1,8	28,00
	3000	2,20	230/400	8,8/5,1	35,00
JET 30	1000	0,55	230/400	3/1,8	38,2
	1500	1,50	230/400	6,4/3,7	43,2
ATEX 					
JET 20 ATEX	1500	0,18	230/400	0,97/0,56	20,50
JET 25 ATEX	1500	0,37	230/400	1,7/1,1	30,00
JET 30 ATEX	1500	1,10	230/400	4,4/2,55	61,80

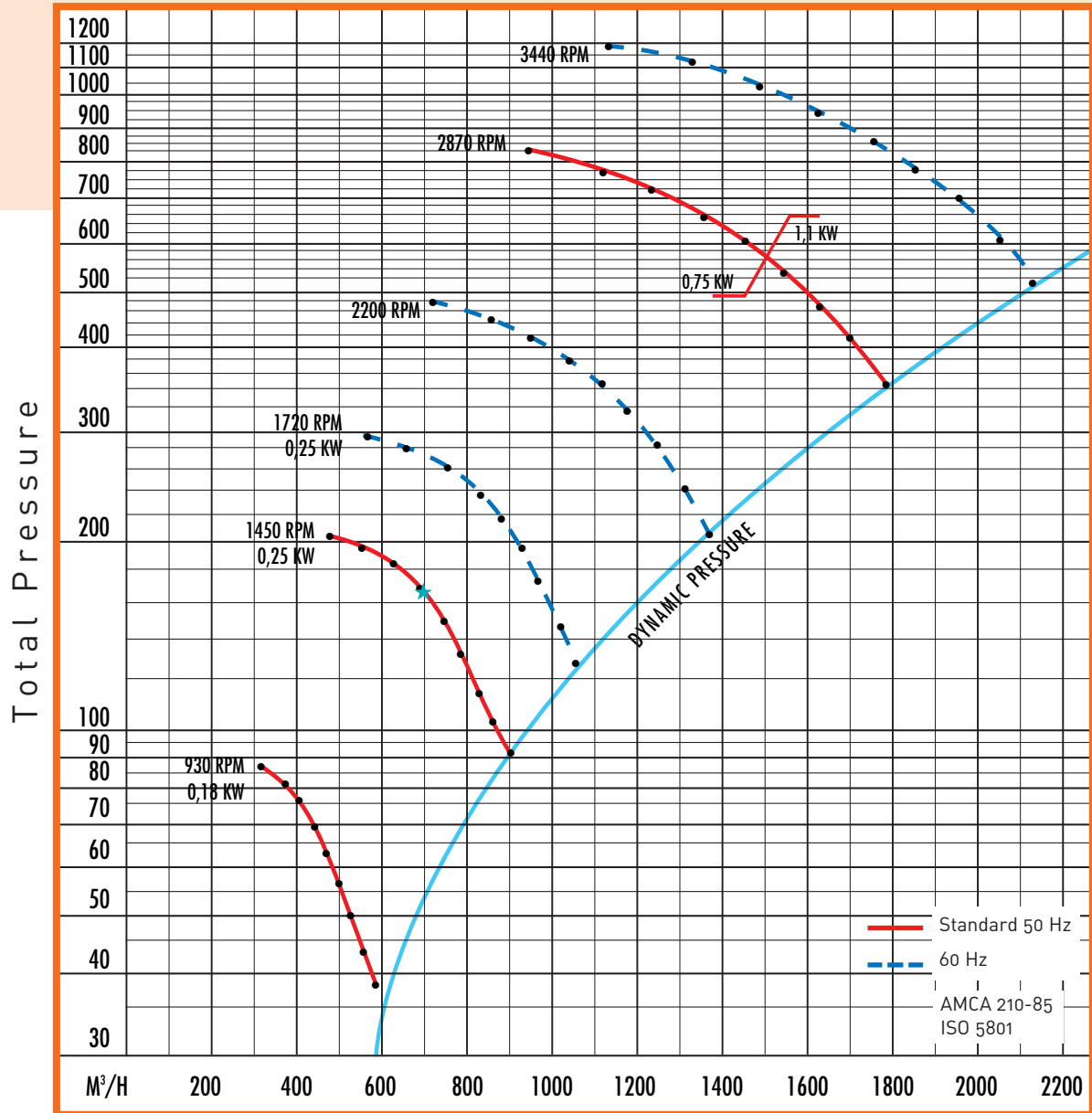
*Tabulated current values are approximate and depend on make and model of the motor.

Assembly drawings



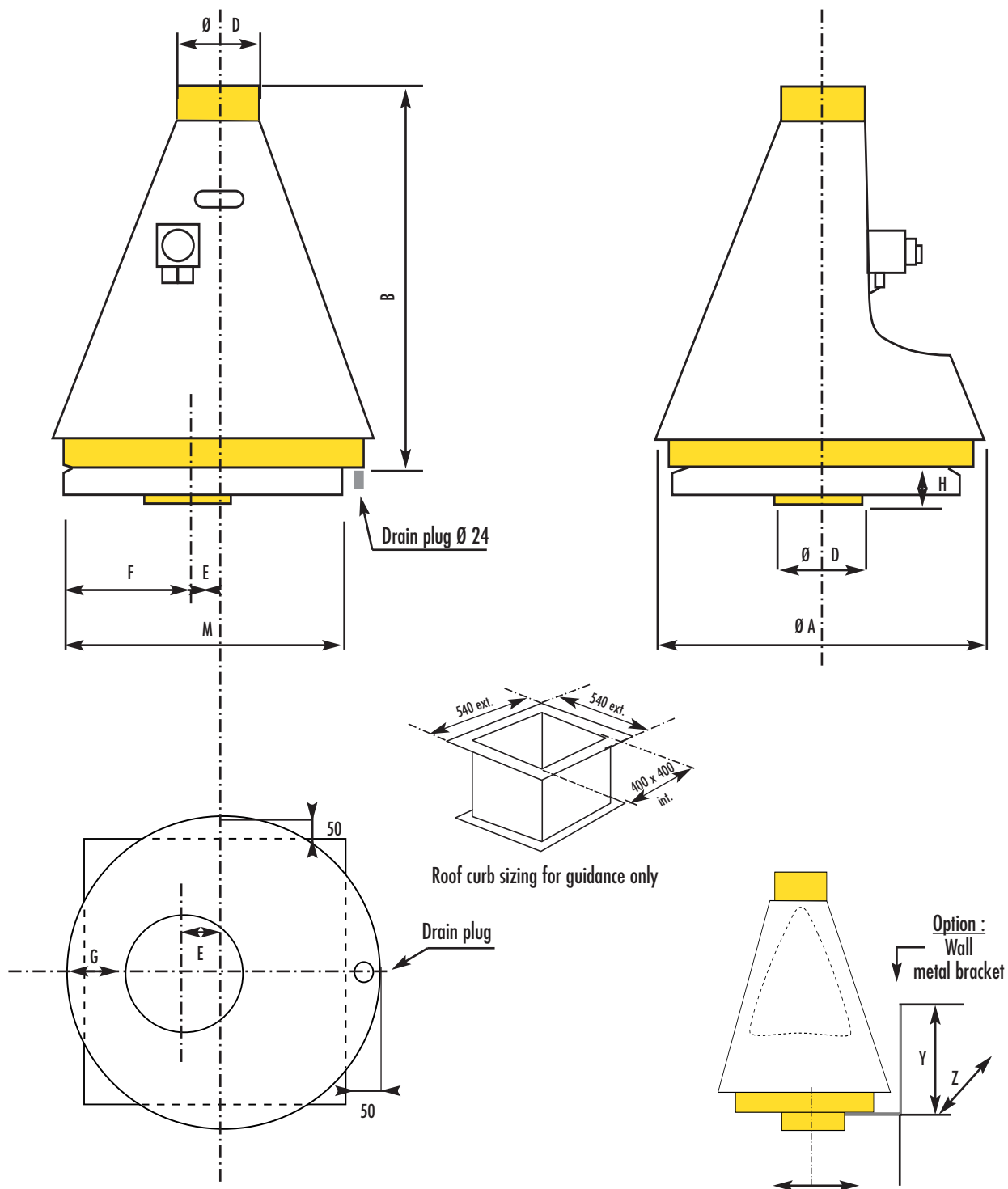
JET 20

PT (Pa)



Sound Level

Type	RPM	100 Hz	250 Hz	500 Hz	1000 Hz	2500 Hz	5000 Hz	10000 Hz	LW Global dB	LW Global dB(A)
JET 20	1450/4 poles	66	69	67	63	58	54	47	73,2	69,1
	2850/2 poles		78	81	79	75	69	66	85	83

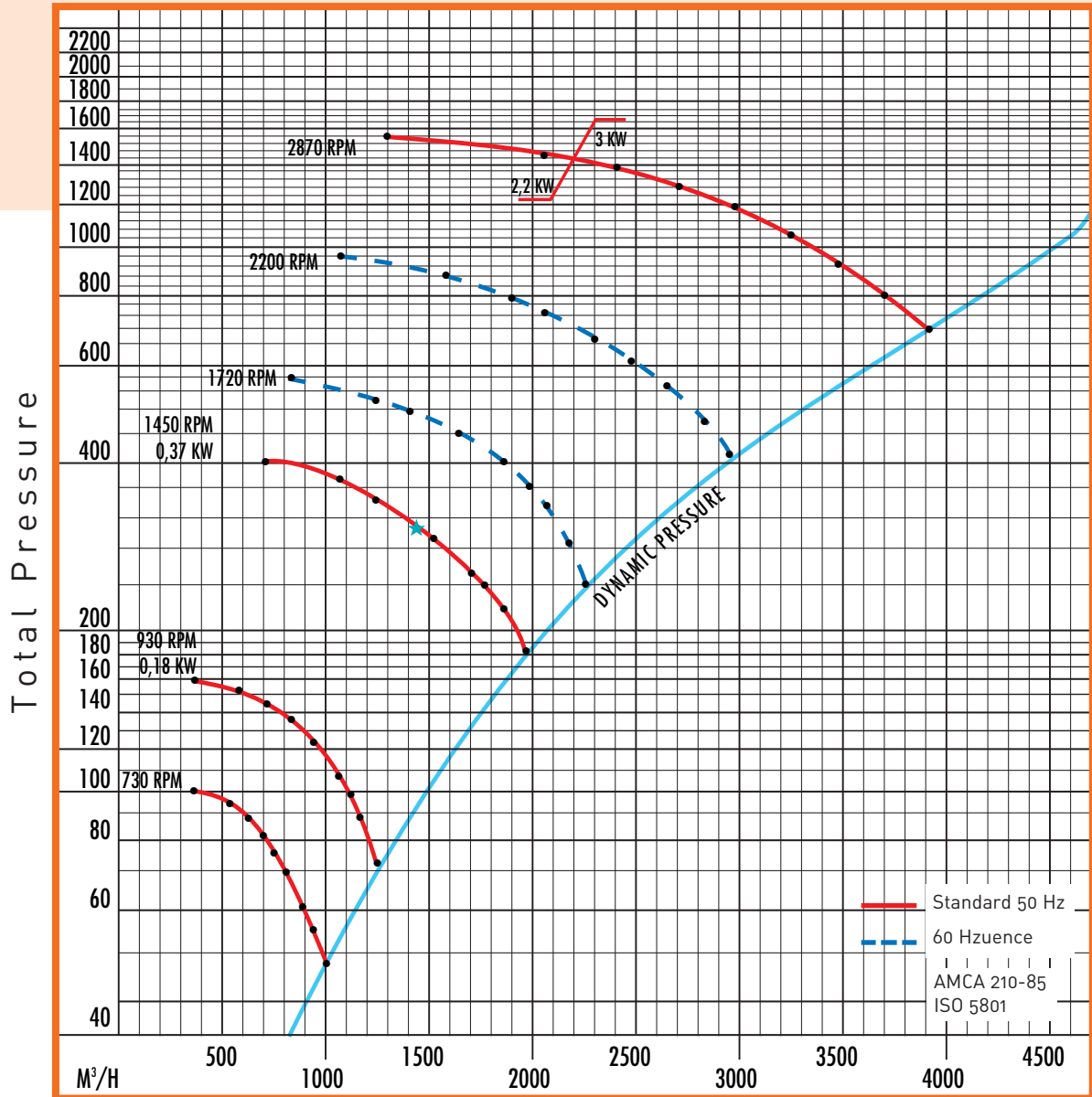


Dimensional data (mm)

A	B	$\emptyset D$	E	F	G	H	X	Y	Z	M
600	800	160	50	250	160	70	280	300	400	540-540 in.

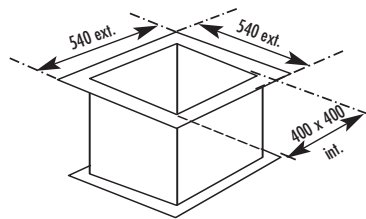
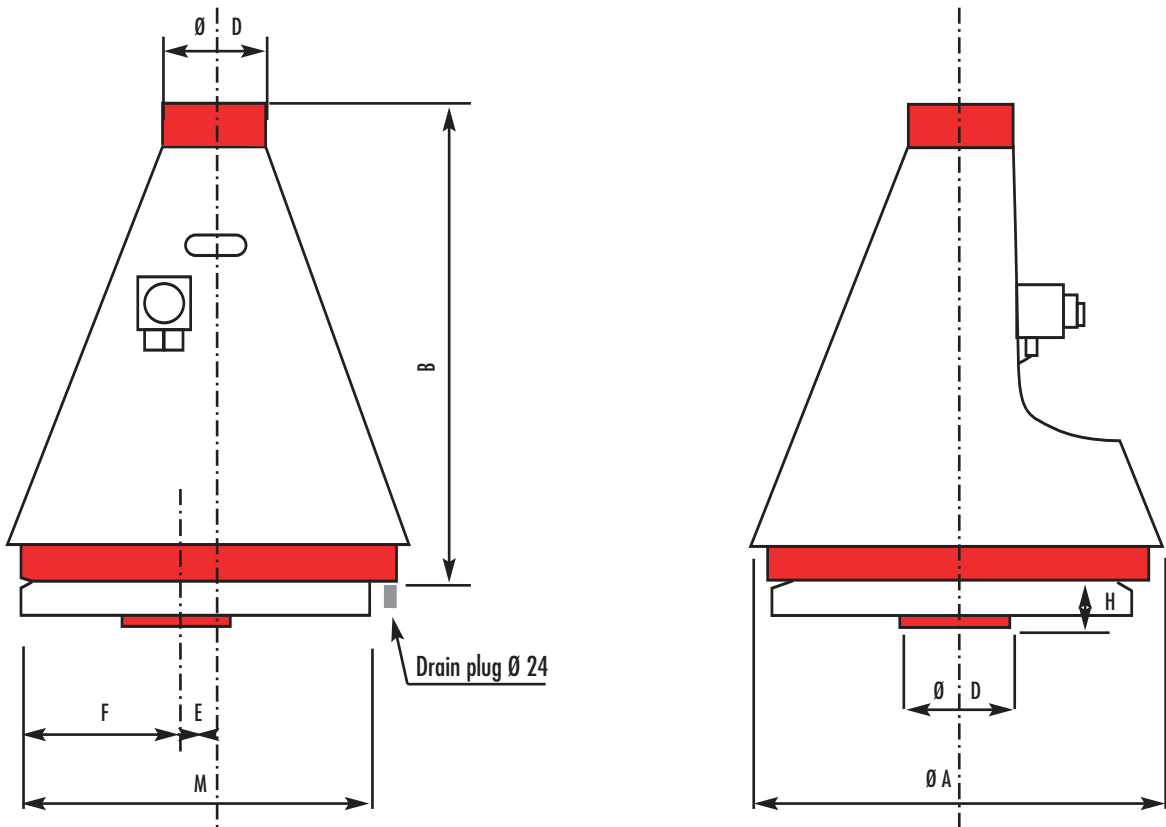
JET 25

PT (Pa)

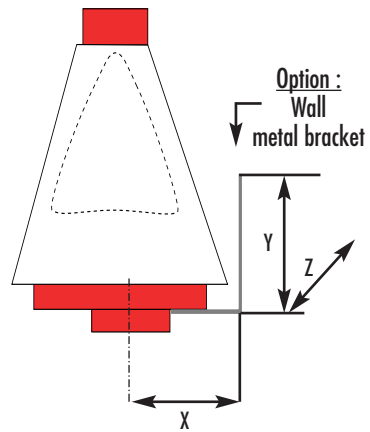
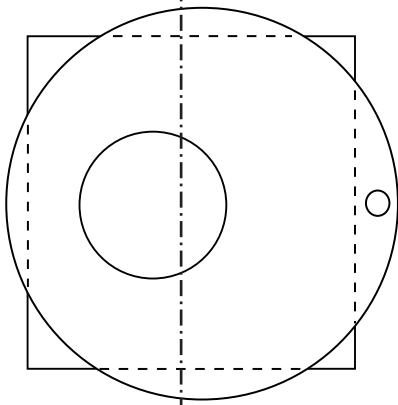


Sound Level

Type	RPM	100 Hz	250 Hz	500 Hz	1000 Hz	2500 Hz	5000 Hz	10000 Hz	LW Global dB	LW Global dB(A)
JET 25	950/6 poles	63	64	63	61	55	56		70,3	65
	1450/4 poles	73	71	70	70	62	65	58	77,8	74,1
	2850/2 poles		85	83	82	82	74	77	89,7	87,9

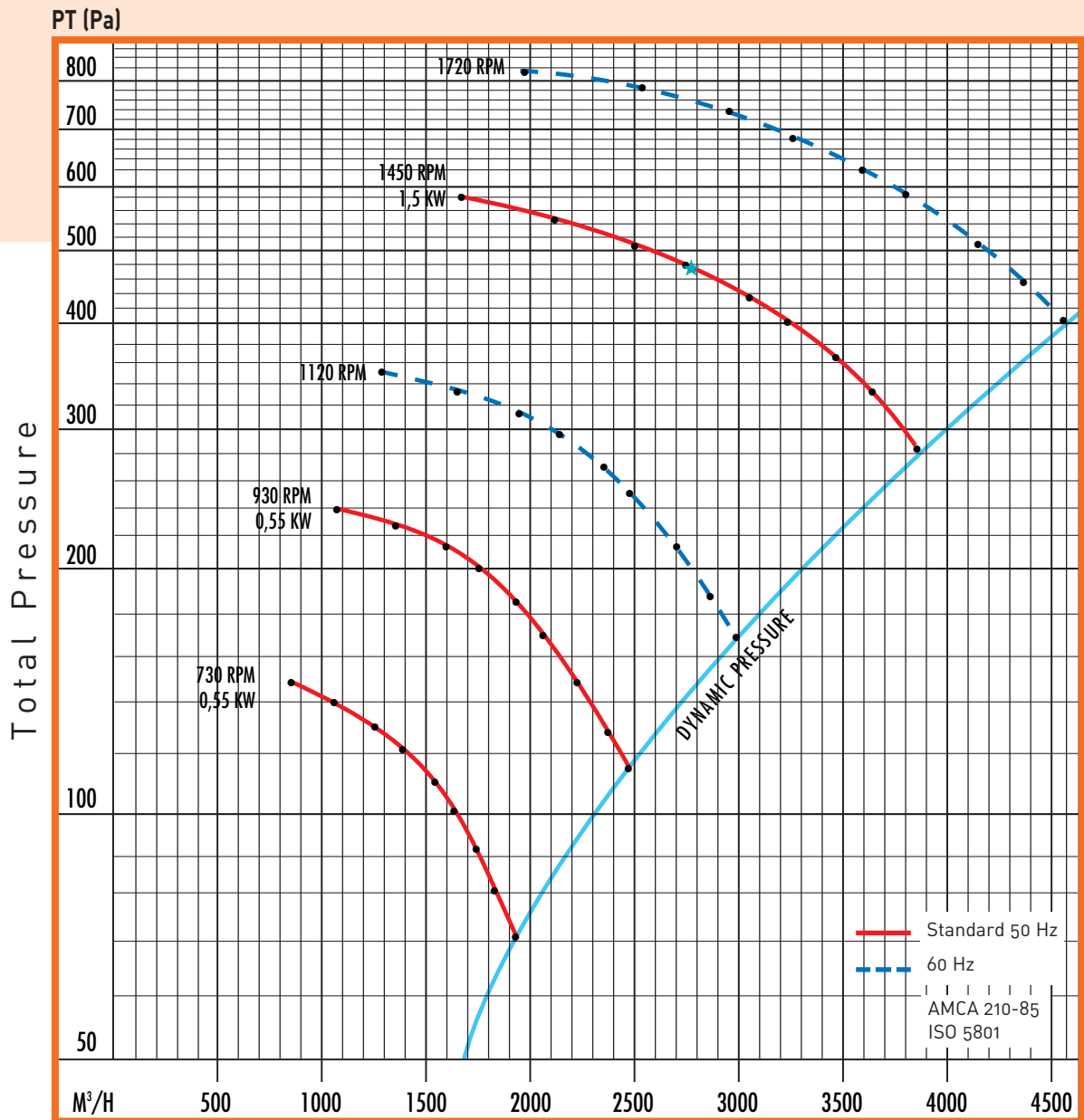


Roof curb sizing for guidance only



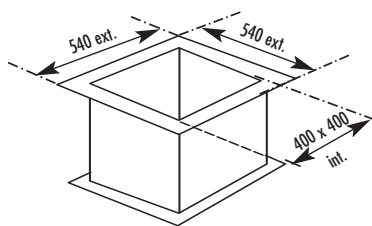
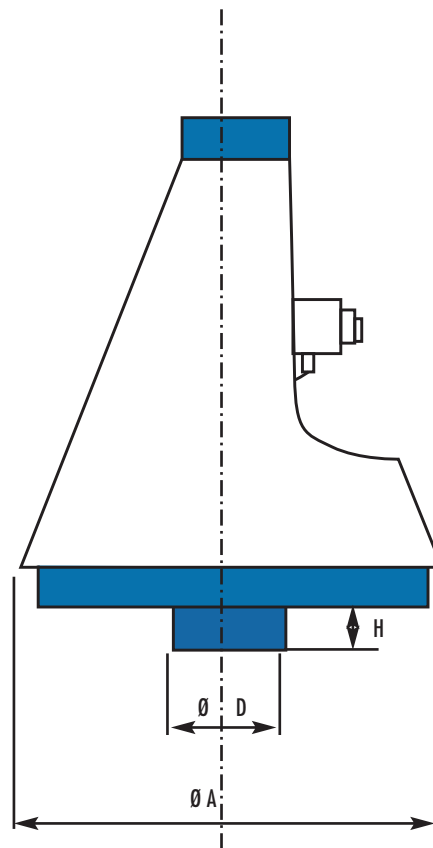
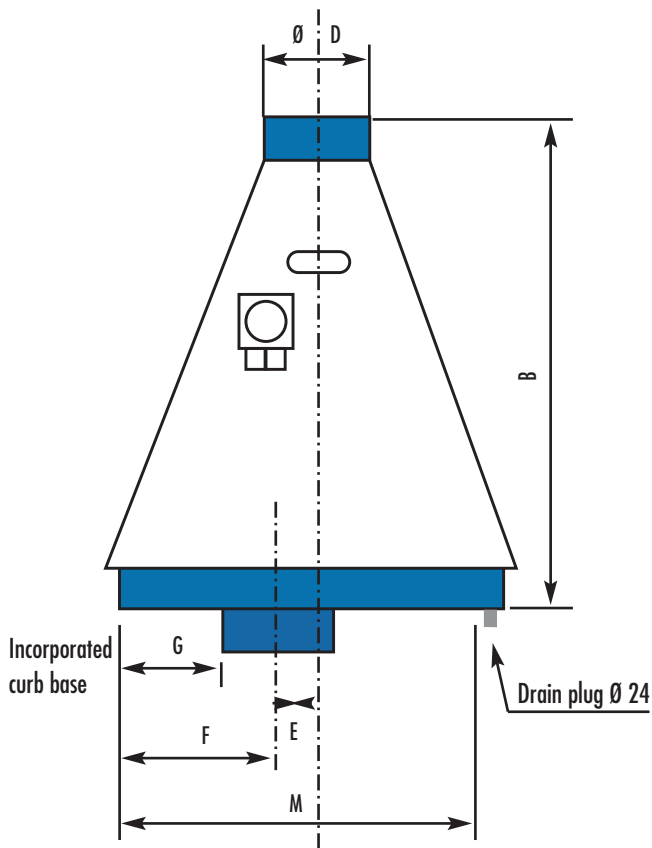
Dimensional data (mm)										
A	B	Ø D	E	F	G	H	X	Y	Z	M
735	930	200	60	240	145	70	330	300	430	540-540 in.

JET 30

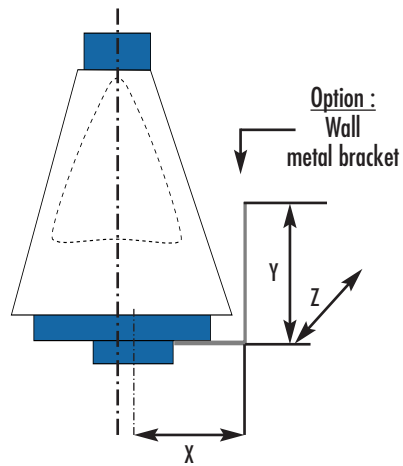


Sound Level

Type	RPM	100 Hz	250 Hz	500 Hz	1000 Hz	2500 Hz	5000 Hz	10000 Hz	LW Global dB	LW Global dB(A)
JET 30	950/6 poles	69	71	70	65	61	56		76,5	70,7
	1450/4 poles	79	78	77	76	72	66	62	84,1	80,2



Roof curb sizing for guidance only



Dimensional data (mm)											
A	B	$\text{Ø } D$	E	F	G	H	G'	X	Y	Z	M
880	1040	250	70	200	75	70	130	400	400	540	540-540 in.