

PLASTEC 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 VAPORS, CORROSIVE GAS AND TOXIC EXTRACTIONS



**LEADER**  
in anti-corrosion fans



Export in  
**+ 80 COUNTRIES**



Business  
**EXPERTISE**



**CUSTOMER SERVICES**  
& training



**+ 500 CLIENTS**  
trust us



**ENERGY**  
saving

### PLASTECH 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 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.

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# JET Series



## Housing

- Polypropylene casing
- High corrosion resistant
- From 235 to 2590 CFM
- From 0.3 to 8.25 inWg
- 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: NEC 500/505, ATEX (EN60079) and European Directives (99/92/EC and 94/9/EC).



### EXPLOSION RESISTANT MARKING

**NEC 500** : CLASS I DIV II GROUP A,B T4

**NEC 505** : CLASS I ZONE II AEx d GROUP IIC T4

**ATEX** : Ex II 3G Ex c GROUP IIC T4

## AMCA Certified



PLASTECH 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

### Asynchronous series

	Motor RPMs	Motor Horse Power (HP)	Voltage (V)	Phase	Weight (lbs)	Part number
JET 20	1140	0,25	115/230	Single	28,2	J20S56P025
	1140	0,25	230/460	Three	28,2	J20ST6P025
	1725	0,33	115/230	Single	25,2	J20S54P033
	1725	0,33	230/460	Three	25,2	J20ST4P033
	3450	1,5	115/230	Single	38,2	J20S52P150
	3450	1,5	230/460	Three	38,2	J20ST2P150
JET 25	1140	0,25	115/230	Single	28,9	J25S56P025
	1140	0,25	230/460	Three	28,9	J25ST6P025
	1725	0,5	115/230	Single	33,9	J25S54P050
	1725	0,5	230/460	Three	33,9	J25ST4P050
	3450	4	230/460	Three	51,9	J25ST2P400
JET 30	1140	0,75	115/230	Single	46,5	J30S56P075
	1140	0,75	230/460	Three	46,5	J30ST6P075
	1725	1,5	115/230	Single	60,5	J30S54P150
	1725	1,5	230/460	Three	60,5	J30ST4P150

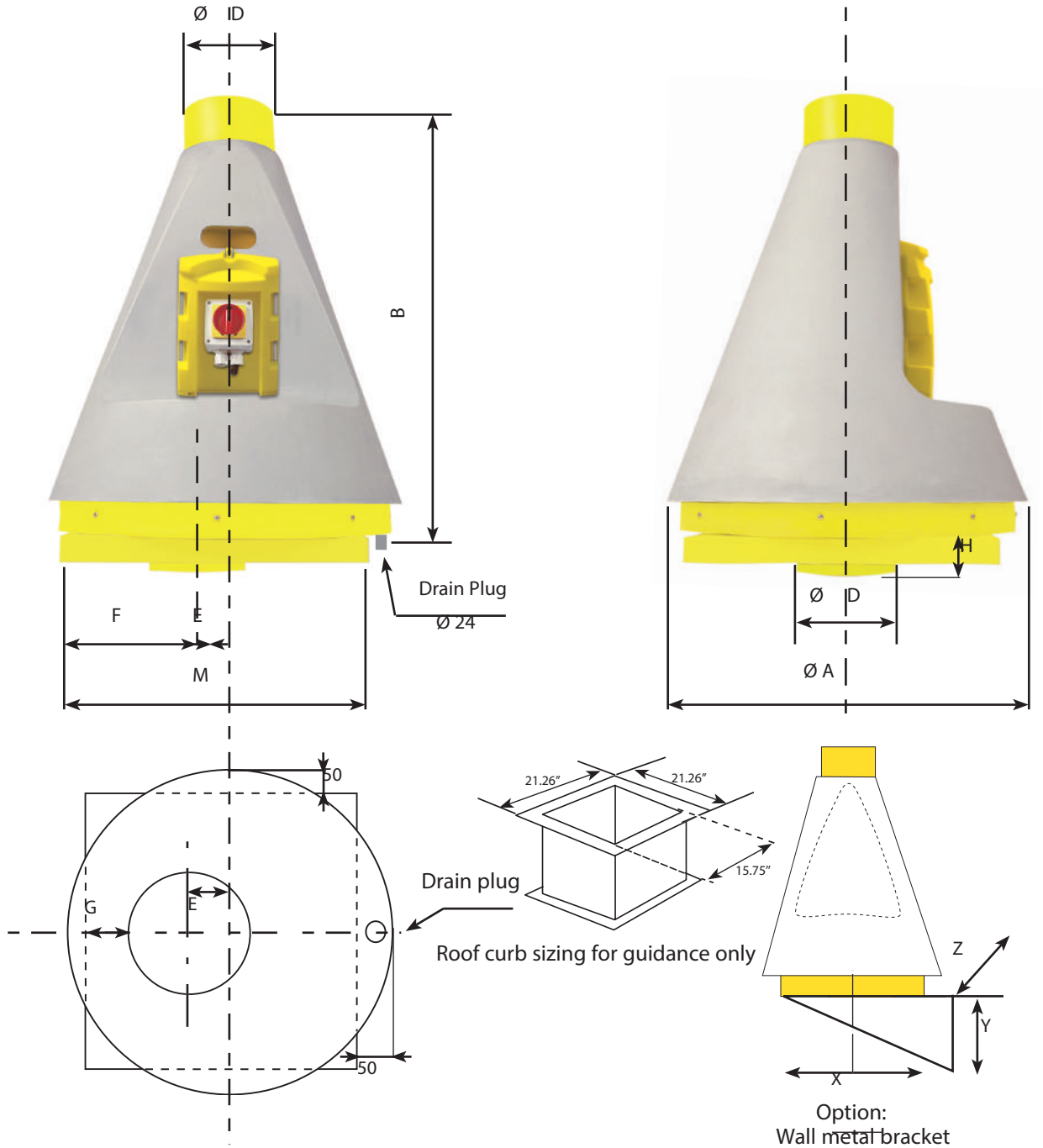
### Explosion Resistant series

	Motor RPMs	Motor Horse Power (HP)	Voltage (V)	Phase	Weight (lbs)	Part number
JET 20	1140	0,33	115/230	Single	62,2	J20X56P033
	1725	0,33	115/230	Single	54,2	J20X54P033
	1725	0,33	230/460	Three	48,2	J20XT4P033
JET 25	1140	0,33	115/230	Single	28,9	J25X56P033
	1725	0,5	115/230	Single	33,9	J25X54P050
	1725	0,5	230/460	Three	33,9	J25XT4P050
JET 30	1140	0,75	115/230	Single	46,5	J30X56P075
	1140	0,75	230/460	Three	46,5	J30XT6P075
	1725	1,5	230/460	Three	60,5	J30XT4P150

## Exploded view

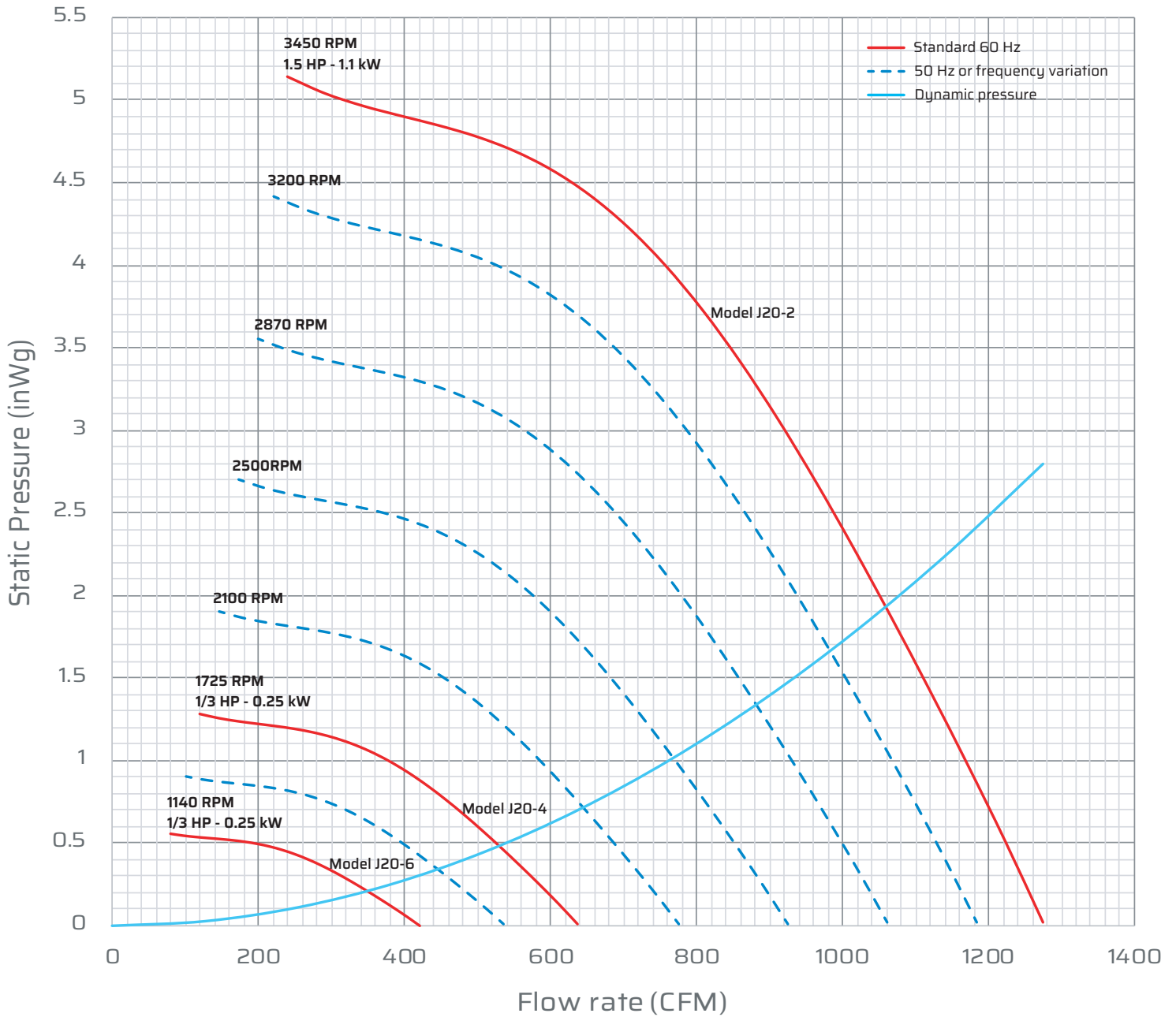


# JET 20



Dimensional data (inches)

A	B	$\emptyset D$	E	F	G	H	X	Y	Z	M
23.62	31.50	6.30	1.97	9.84	6.30	2.76	11.02	13.78	15.75	21.26

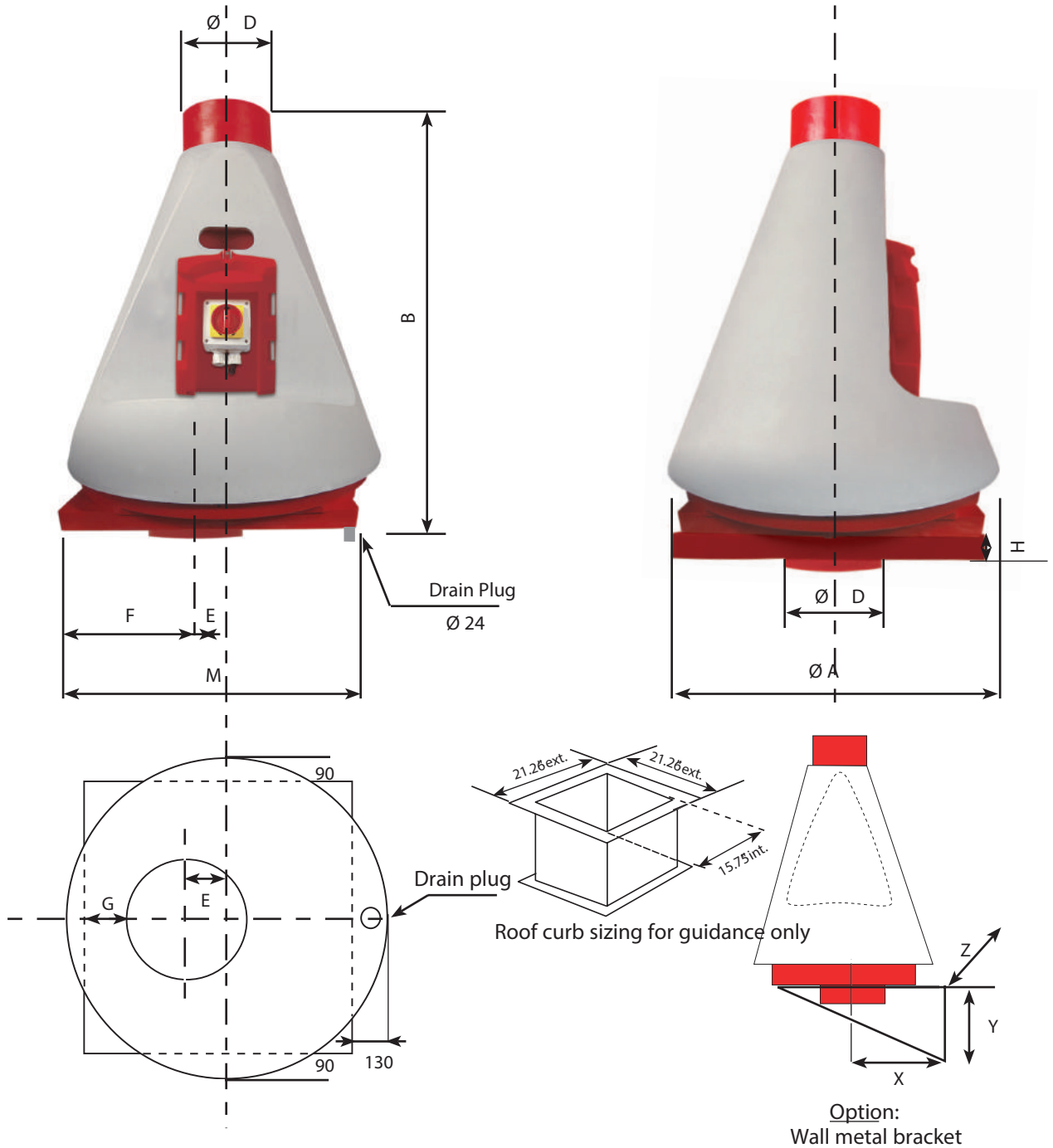


## Inlet sound

	Q <sub>v</sub>	SP	L <sub>wA</sub>	L <sub>pA</sub> *	Octave band (Hz)							
RPM	(CFM)	(inWg)	dB(A)	dB(A)	63	125	250	500	1000	2000	4000	8000
1725	330	1.07	69	49	65	70	69	67	65	58	56	49
3450	654	4.28	84	64	80	85	84	82	80	73	71	64

\* Acoustic pressure L<sub>p</sub> at 10 feet - Outlet acoustic data available on request

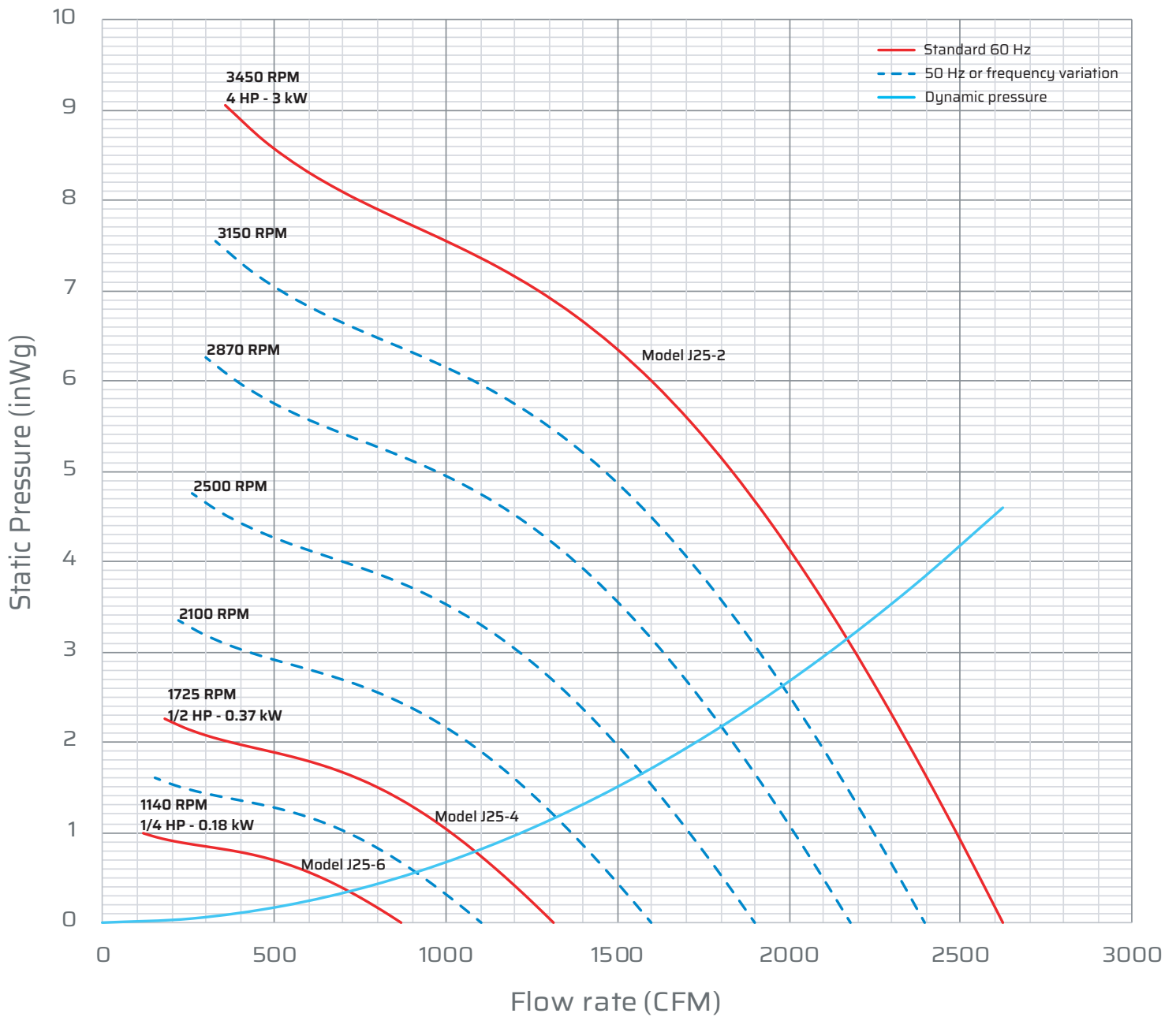
# JET 25



Dimensional data (inches)

A	B	$\varnothing D$	E	F	G	H	I	X	Y	Z	M
28.94	35.43	7.87	2.36	9.45	5.71	0.98	2.17	12.99	13.78	20.08	21.26





## Inlet sound

	$Q_v$	SP	LwA	LpA *	Octave band (Hz)							
RPM	(CFM)	(inWg)	dB(A)	dB(A)	63	125	250	500	1000	2000	4000	8000
1725	453	1.85	75	55	75	79	75	73	71	66	62	59
3450	906	7.38	91	70	90	94	90	88	86	81	77	74

\* Acoustic pressure Lp at 10 feet - Outlet acoustic data available on request