Job Name: Mark: Submitted By: Date:4/5/2025

## **Axial Belt-Drive Upblast Exhaust Ventilator**



Designed for use in industrial and commercial buildings such as warehouses, manufacturing facilities, foundries, and laboratories. Housing is constructed of heavy gauge galvanized steel. The windband is removable for easy inspection. Lifting lugs are provided.

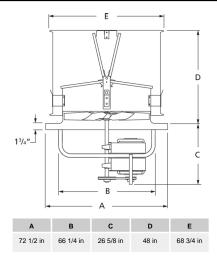
- Maximum inlet air temperature: 120° F
- UL/cUL 705 Listed for Power Ventilators
- Air handling quality bearings meet minimum of L10-100,000 hours
- Regreaseable pillow block bearings

Payton Electric Mfg. Co. certifies that the ventilators shown herein are 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.

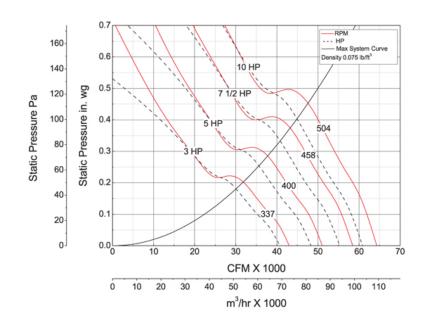
CUL/OUL 705

CUL US LISTED

E53236



## **Performance Characteristics**



## **Construction Features**

Impeller Diameter (Typ.)	60 in				
Impeller Type	Propeller				
Impeller Material	Steel				
Number of Blades	5				
Max Inlet Temp	120 °F				
Bearing Type	Regreaseable Pillow Block				
Drive Package Description	Drives By Others				
Warranty Length	1 Year				

## **Air & Sound Performance**

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	Motor HP	Max BHP	Fan RPM	CFM @	0.000" SP	0.125" SP	0.250" SP	0.375" SP
	3 3.60	3.60	337	CFM	43,011	36,740	_	_
		0.00		Sones	20.0	22.0	_	_
	5 6.00	6.00	400	CFM	51,052	46,295	39,734	_
		0.00	400	Sones	24.0	25.0	29.0	_
	7 1/2 9.05	458	CFM	58,455	54,801	49,056	_	
			Sones	31.0	31.0	33.0	_	
	10	12.05	504	CFM	64,326	61,083	58,176	50,976
				Sones	43.0	43.0	43.0	43.0

Performance certified is for installation type A: Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation type A: Free inlet hemispherical sone levels.

Catalog 405, January 2010