

Hazardous Location Centrifugal Belt-Drive Upblast Exhaust Ventilator

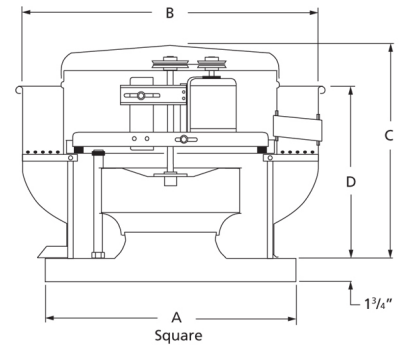


Designed to exhaust air in commercial and industrial applications with potential flammable particles or fumes. Units include explosion resistant motor, aluminum wheel and aluminum rub ring.

- Aluminum backward inclined, nonoverloading centrifugal wheel design
- Maximum inlet air temperature: 300° F
- Sealed pillow block bearings
- Air handling quality bearings meet minimum of L10-100,000 hours

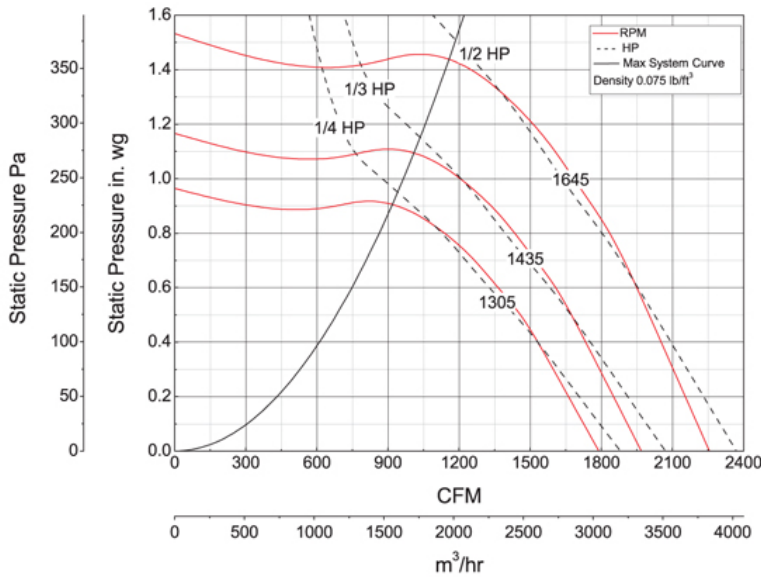


Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



A	B	C	D
22 in	24 7/8 in	25 1/8 in	17 3/8 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	30 1/2 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	300 °F
Bearing Type	Regreaseable Pillow Block
Drive Package Description	Drives By Others
Warranty Length	1 Year

Air & Sound Performance

	—	Impeller Diameter (Typ.)	
	—		
	—		2
	—		
	2.07		665
	CFM		10,822
	Sones		20.0
13 1/4 in			10,508
			19.7
Impeller Type			10,193
			18.6
	9808		9411
	18.0		17.5
	8968		8495
	17.1		16.7
	7928		7271
	16.1		15.1
Backward Inclined Centrifugal		Impeller Material	
	—	Aluminum	
	—		
Max Inlet Temp			—
			—
300 °F		Bearing Type	
	—	Sealed Pillow Block	
	—		
Drive Package Description			—
			—
	3		3.15
	765	Drives By Others	
	CFM		12,449
	Sones		24.0
	12,176		11,904
	24.0		23.0
	11,607	Warranty Length	
	22.0		
	11,273		10,939
	22.0		21.0
	10,554		10,169
	21.0		20.0
	9743		8756
	20.0		18.7
	7352		—
	17.0		—
1 Year			—
			—
	5		5.21
	905		CFM
			Sones
	14,727		14,497
	32.0		32.0
	14,266		14,036
	32.0		30.0
	13,788		13,505
	29.0		29.0
	13,223		12,940
	28.0		28.0
	12,614		11,963
	28.0		27.0
	11,191		10,357
	26.0		24.0

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.