

Centrifugal Belt-Drive Upblast Exhaust Ventilator

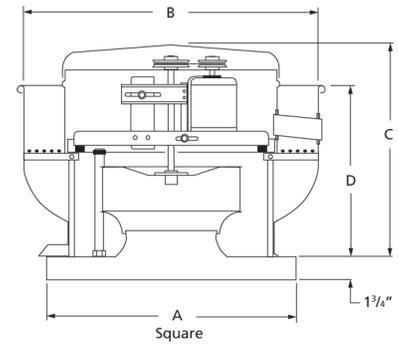


- Aluminum backward inclined, nonoverloading centrifugal wheel design
- Maximum inlet air temperature: 300° F
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- Regreaseable pillow block bearings
- UL/cUL 705 Listed for Power Ventilators
- UL/cUL 762 Listed for Restaurant Exhaust Appliances
- Air handling quality bearings meet minimum of L10-100,000 hours

AMCA Sound & Air



UL/cUL 762



A	B	C	D
30 in	35 3/8 in	34 3/4 in	21 in

Performance Characteristics

No Fan Curve Available.

Construction Features

Impeller Diameter (Typ.)	18 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

Motor Information

Motor Item Number	31TT12
Horsepower	2 hp
Voltage	230/460
Hertz (Cycle)	60 Hz
Motor Phase	3
Motor Enclosure	Open Drip Proof
RPM	1,800 rpm
Full Load Amps	3.0/1.5

Other Components

Component	Description	Item #
Fan Description	Exhaust Fan	—
Belt	A33 (QTY: 1)	5X995
Driver Sheave	1VP6058	52YP80
Driven Sheave	AK7434	5RJE9

Air & Sound Performance

Motor HP	Max BHP	Fan RPM	CFM @	0.000" SP	0.125" SP	0.250" SP	0.375" SP	0.500" SP	0.625" SP	0.750" SP	0.875" SP	1.000" SP	1.250" SP	1.500" SP	1.750" SP
1	1.04	1335	CFM	3754	3677	3601	3524	3441	3350	3261	3173	3075	2839	2523	2156
			Sones	21.0	21.0	20.0	19.5	19.0	18.3	17.8	17.5	17.3	16.8	16.3	15.7