

Model: QEI-M15

Mixed Flow Belt Drive

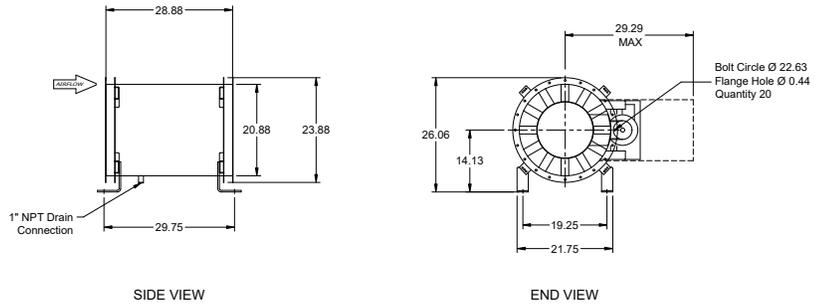
Performance	
Quantity	2
Volume (CFM)	3,000
Total External SP (in. wg)	2.3
Operating Power (hp)	1.85
Required Power (hp)	1.85
Fan RPM	2132
Max Fan RPM	2,721
Elevation (ft)	7,011
Start-up Temp.(F)	70
Operating Temp.(F)	70

Fan Configuration	
Fan Size	15
Fan Class	I
Fan Series	200
Arrangement	9
Discharge Position	Horizontal
Mounting	Base Mount
Material Type	Steel
Wheel Material	Steel
Inlet Cone Material	Steel
Total Weight (lb)	283

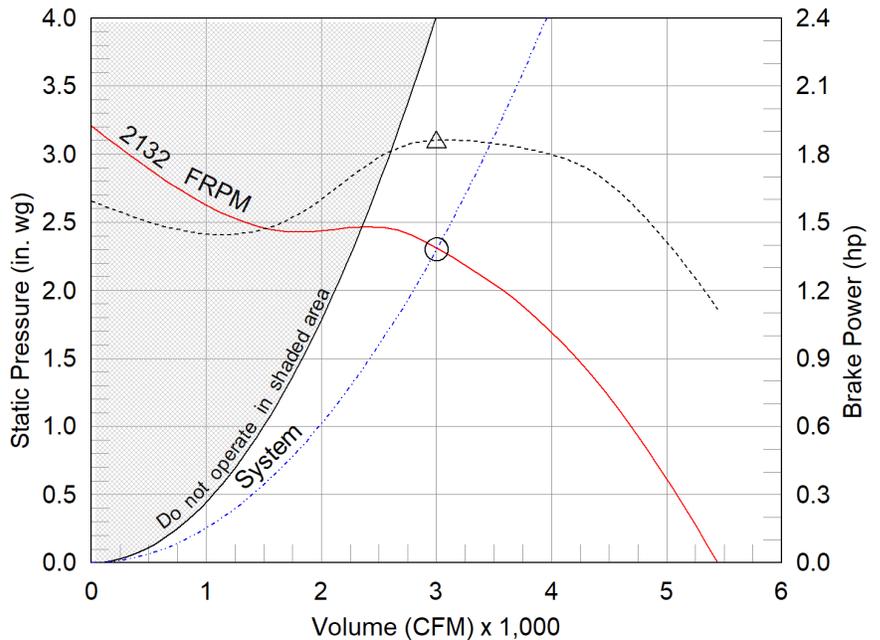
Misc Fan Data	
Fan Eff. Index (FEI)	1.17
Outlet Velocity (ft/min)	1,293
Static Eff. (%)	62
Wheel WR2 (lb-ft ²)	4.47
Tip Speed (ft/min)	10,188

FEI based on default motor calculation showing lowest efficiency for specific calculations please contact factory.

Motor and Drives	
Motor	Included
Size (kW)	1.5
Motor RPM	1770
Enclosure	TEFC
Voltage/Cycle/Phase	230/60/3
Efficiency Rating	IE2, or Greater
Frame Size	90L
Max Frame Size	132
Position	C
Pulley Type	Constant
Drive Loss (%)	5.0
Drives	Standard
Motor Insulation	F, or Greater



UNIT SHIPS WITH MOTOR IN 12 O'CLOCK POSITION. FIELD ROTATION REQUIRED
 0.56 DIA. MOUNTING HOLES
 END VIEW SHOWS FROM OUTLET END OF UNIT



- △ Operating Bhp point
- Operating point at Total External SP
- Fan curve
- - - System curve
- · · Brake horsepower curve

Sound Power by Octave Band

Sound Data	62.5	125	250	500	1000	2000	4000	8000	LwA	dBA
Inlet	78	78	77	77	73	72	68	63	79	68
Outlet	85	83	80	78	78	75	70	65	82	71
Radiated	79	74	69	62	60	58	52	47	67	55

Model: QEI-M15-1.5KW

Mixed Flow Belt Drive

Standard Construction Features:

Housing: Continuously welded steel housing. Welded steel air straightening vanes. Lifting lugs. Heavy duty, steel motor supports with adjustment screws for belt tensioning. Structural parts are phosphatized and coated with permatector.

Bearings, Shaft: Heavy duty, self-aligning ball or roller face mounted bearings with extended lubrication lines.

Wheel: Welded construction. Single Thickness cambered blades.

Manufactured in India

Selected Options & Accessories:

Motor: 1.5 kW, TEFC, 230/60/3, 1770 rpm
Motor with 50 Degree C Ambient Temperature
Motor with Class F Insulation
VFD Rated: Yes
Access Door: Bolted
"Power Ventilators for Restaurant Exhaust Appliances"
Extended Lube Lines - Copper
Motor Cover - Steel
Belt Tube - Steel
Drain Connection - 1" Pipe Thread w/Plug
Grease Trap with Drain Connection, shipped loose
Unit Warranty: 1 Yr (Standard)

Warranty

1 Yr (Standard)

WARRANTY AND LIABILITY: SELLER warrants to Buyer that products manufactured are free from defects in material and workmanship for a period of 1 Yr (Standard) from the date of shipment. SELLER's obligations and liabilities under this warranty are limited to furnishing FOB factory or warehouse at SELLER's designated shipping point, freight allowed to Buyer's city, (or point of export for shipments outside the conterminous United States) replacement equipment (or at the option of SELLER parts therefore) for all Seller's products not conforming to this warranty and which have been returned to the manufacturer. No liability whatever shall attach to SELLER until said products have been paid for and such liability shall be strictly limited to the purchase price of the equipment shown to be defective. Motors are warranted by the motor manufacturer for a period of one year. Should motors furnished by SELLER prove defective during this period, they should be returned to the nearest authorized motor service station. SELLER will not be responsible for any removal or installation costs. Electrical components, excluding motors, are warranted only to the extent warranted by the original manufacturer. To the extent that SELLER is entitled to pass through a warranty of the original equipment manufacturer of the electrical goods sold, SELLER will pass through such warranties to Buyer. The legal remedies described in this Warranty are the sole exclusive remedy of Buyer. SELLER MAKES NO OTHER WARRANTY, EITHER EXPRESS OR IMPLIED, REGARDING ITS PRODUCTS, OR ITS SELECTION AND APPLICATION, INCLUDING, BUT NOT LIMITED TO, COMPLIANCE WITH BUILDING CODES, SAFETY CODES, LAWS, MERCHANTABILITY OR FITNESS OR A PARTICULAR PURPOSE. This warranty is extended solely to the Buyer. It is nontransferable and non-assignable, and the Buyer shall not permit or authorize its employees, agents, representatives or customers to claim, represent or imply that this limited warranty extends or is available to anyone other than the Buyer. ANY MISUSE, NEGLIGENCE, FAILURE TO FOLLOW INSTRUCTIONS OR MANUALS OF INSTALLATION OF MAINTENANCE REPAIR, SERVICE, RELOCATION OR ALTERATION TO OR OF, OR OTHER TAMPERING WITH, THE PRODUCTS PERFORMED BY ANY PERSON OR ENTITY OTHER THAN SELLER WITHOUT SELLER'S PRIOR WRITTEN APPROVAL OR ANY USE OF REPLACEMENT PARTS NOT SUPPLIED BY SELLER, SHALL IMMEDIATELY VOID AND CANCEL ALL WARRANTIES WITH RESPECT TO THE AFFECTED PRODUCTS. THE WARRANTY AND LIABILITY SET FORTH HEREIN ARE IN LIEU OF ALL OTHER WARRANTIES AND LIABILITIES WHETHER IN CONTRACT OR IN NEGLIGENCE, EXPRESSED OR IMPLIED, IN LAW OR IN FACT, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. SELLER PROVIDES NO INDEPENDENT WARRANTY FOR THIRD PARTY PRODUCTS OR COMPONENTS SOLD TOGETHER OR INCORPORATED WITH SELLER'S PRODUCT(S). THE SELLER HAS THE RIGHT TO SETTLE ANY AND ALL DISPUTES REGARDING THE WARRANTY.

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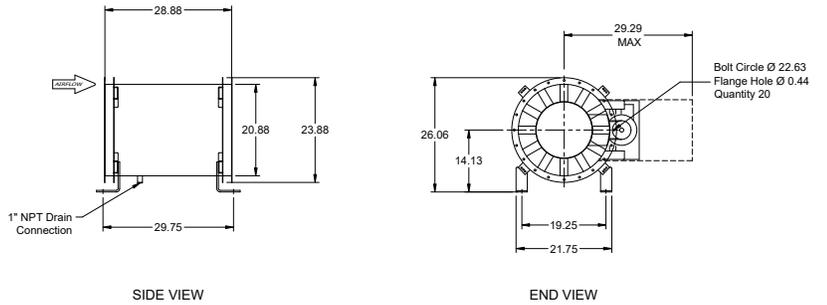
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Volume (CFM)	3,000
Total External SP (in. wg)	2.28
Operating Power (hp)	1.83
Required Power (hp)	1.83
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Max Fan RPM	2,721
Elevation (ft)	7,011
Start-up Temp.(F)	70
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Fan Configuration	
Fan Size	15
Fan Class	I
Fan Series	200
Arrangement	9
Discharge Position	Horizontal
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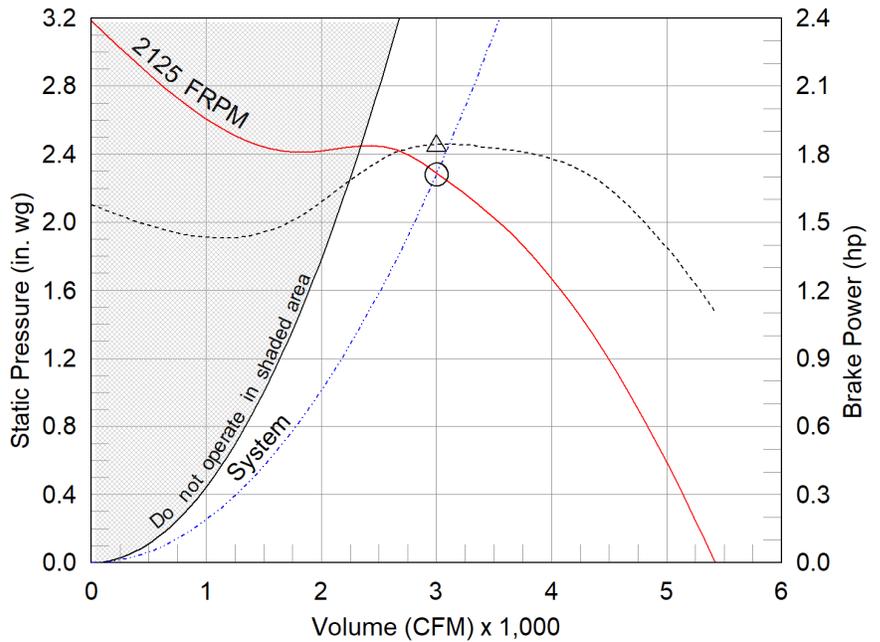
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