HOFFMAN LAMSON

Technical & Performance Data
LAMSON 260 Series
Centrifugal Products

DESIGN STANDARD

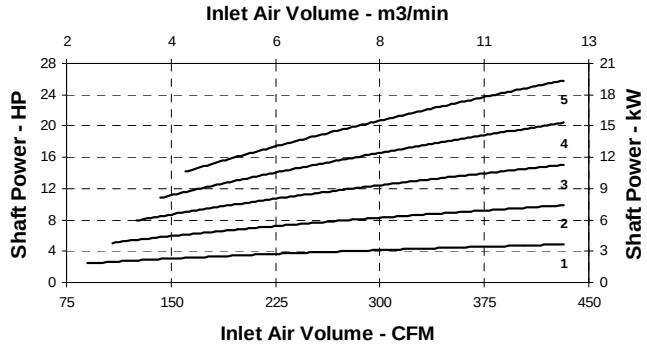
Number of Stages	1-5 (60 & 50 Hz)
Inlet Connection	2.88" OD as cast - *2.5" NPT or Flg Optional*
Outlet Connection	2.88" OD as cast - *2.5" NPT or Flg Optional*
Operating Speed	9,000 RPM (60 Hz) Maximum 7,504 RPM (50 Hz)
Casing Pressure	15 PSIG (1.04 bar)
Air Seals	Labyrinth Type
Bearings	Anti-friction, designed for extended L_{10} life
Lubrication	AEON® CF Grease
Impellers	11.0 inches (279 millimeters) Diameter (statically balanced)
Impeller Tip Speed	432 feet/second (132 meters/second)
Drive Type	Belt Driven (Inlet drive is standard)
Drive Shaft	1 inch (25.4 millimeters) Diameter
Vibration	.56 in/sec. (14.325 mm/sec.) Peak Velocity Tolerances / manufacturing test procedures

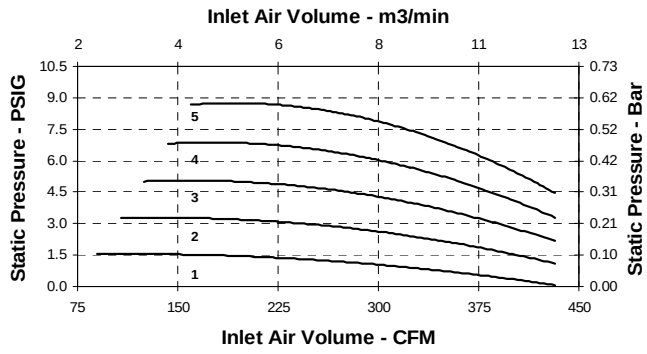
MATERIAL STANDARD

Casing	ASTM SC64C Sr-319 Cast Aluminum
Bearing Housings	ASTM SC64C Sr-319 Cast Aluminum
Bearing Caps	ASTM SC64C Sr-319 Cast Aluminum
Tie Rods	ASTM F1554 GR.36 Zinc Plated Thrd. Rod
Labyrinth Seals	ASTM SC64C Sr-319 Cast Aluminum
Joint Sealing	RTV Silicone Compound
Shaft	ASTM A322 Grade 4140CT Hot Rolled Steel *Stainless Steel Optional*
Impeller	ASTM SC64C Sr-319 Cast Aluminum
Blower Base	ASTM A36 Hot Rolled Structural Steel
Motor Pedestal	ASTM A36 Hot Rolled Structural Steel
Isolation Base Pads	Suitable Resilient Material
Finish	Universal Primer - Acrylic Topcoat

PRESSURE PERFORMANCE

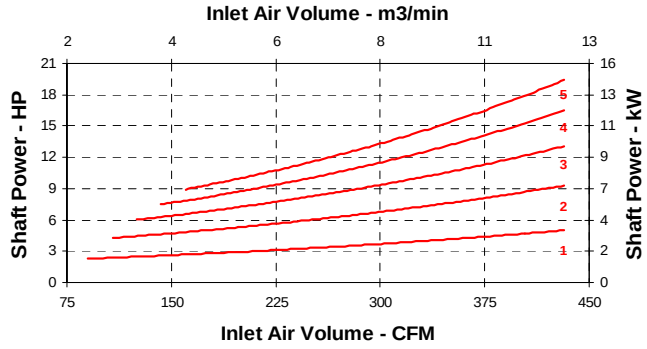
14.7 PSIA [1 Bar], 68°F [20°C], 36% RH, Speed: 3550 RPM

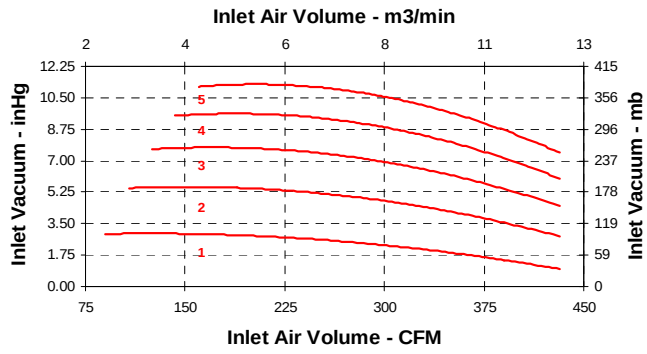




VACUUM PERFORMANCE

29.9 inHg [1 Bar], 68°F [20°C], 36% RH, Speed: 3550 RPM





PRODUCT NOTES

1. Information is approximate and subject to change without notice
2. Performances noted above are typical and not job specific
3. Consult authorized Hoffman/Lamson sales representative for job specific blower or exhauster performance sizing
4. Factory ASME PTC-10 test offered for performance verification

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"Over 150 Years of Leadership"

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