



Model MAX250-C080

Service
Air and Pressure

Standard Specifications

Gas	Air Only
Flow Range.....	100% to 45% of Rated Flow*
Maximum Case Pressure	35 PSIG / 2.4 bar
VFD (integral).....	Vacon, KEB, Yaskawa
Stages.....	Single Stage
Power Driver Options.....	Intregal Permanent Magnet Electric Motor
Cooling	Self Cooled Air Cooled
Bearings	NSTB+ Air Foil
Enclosure.....	Standard
Sound Level.....	75 dB @ 3 feet free field
Filtration Rating (std).....	99% at 2 micron, or as required

Control Options

Control Methods	Speed Control, Blow Off Control, Pressure, Flow
Local Controller.....	sLOC™ Standard - Custom for Allen Bradley, Modicon, Siemens or Other
HMI.....	sLOC™ Standard or Custom HMI
Remote Monitoring	sLINK™ or Custom
Control Set Points	Pressure, Flow, Power, Custom Input

Standard Materials of Construction

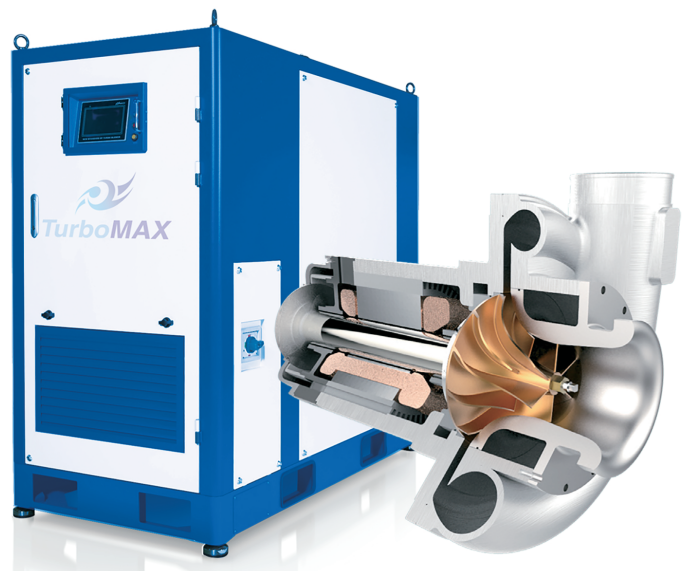
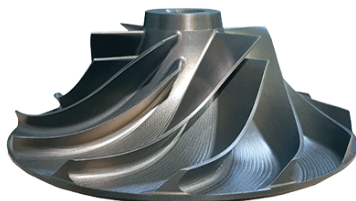
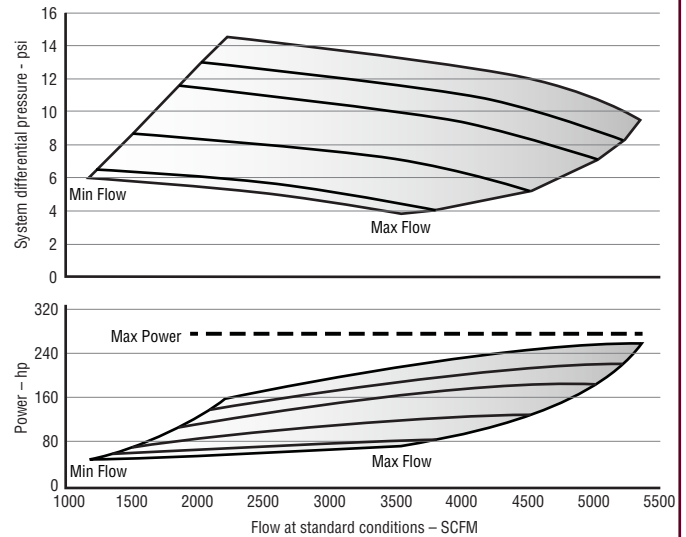
Casing.....	A356 Cast Aluminum
Volute	A356 Cast Aluminum
Bearings	Inconel with Teflon, Nano Silver Coatings
Impeller.....	5 Axis Machined anodized 7075 Aluminum
Shaft	Titanium alloy with Sm2C017 Magnets
Blower Base Skid	ASTM A36 Structural Steel
Isolation Pads.....	Adjustable Feet with Mounting Anchor
Finish.....	Powder Coated Cabinet

Optional Testing & Certifications

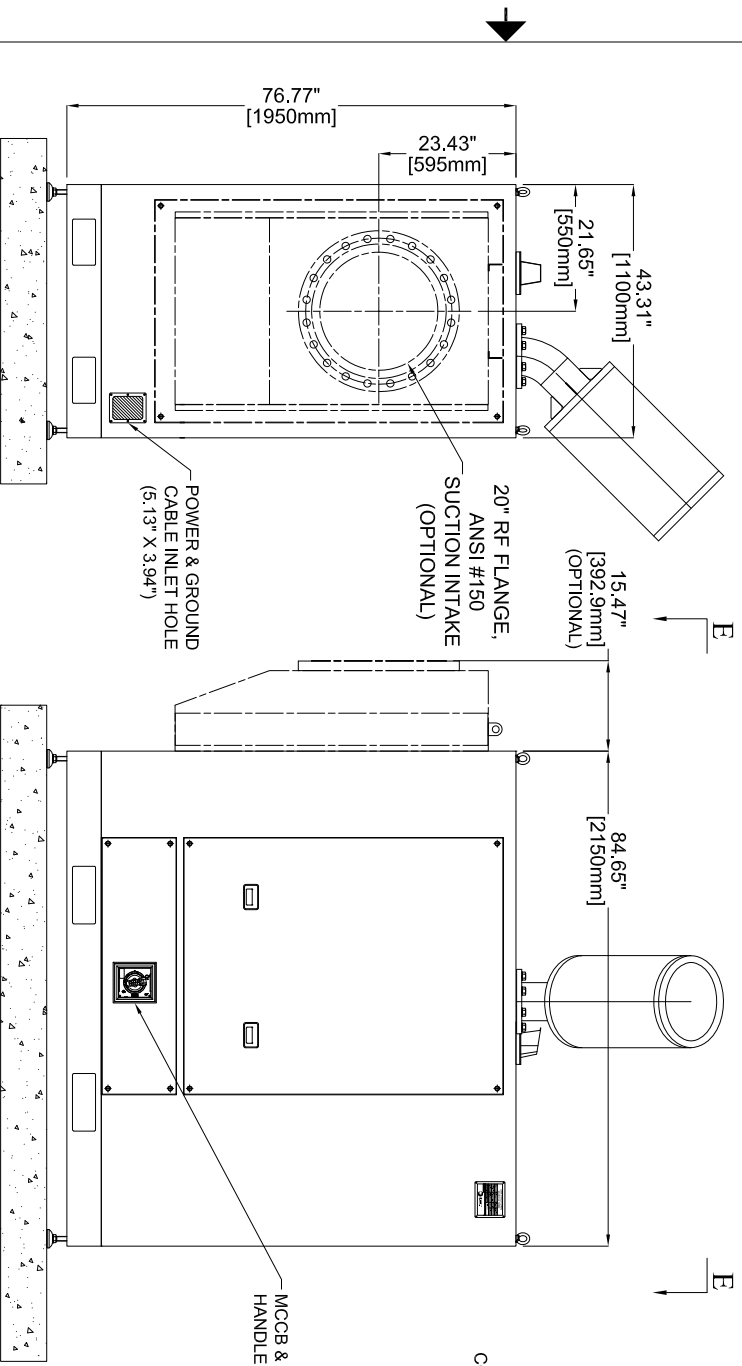
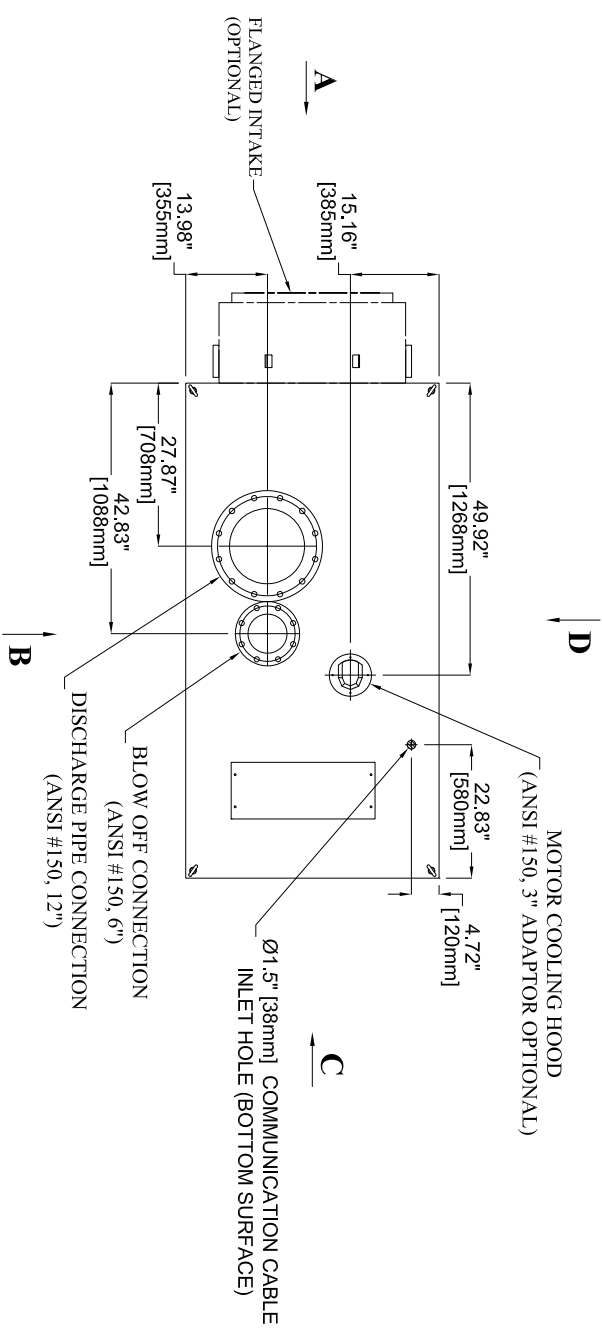
Electrical.....	UL 508A, UL 1450, CSA, CE, IEEE519
Hazardous Location	Not Classified
Balancing.....	ISO 1940 - G2.5, ~4W/N API
Noise Level.....	OSHA 1910.95, ISO 2151:2004
Performance Testing	ASME PTC-10, PTC-13, ISO 5389

Standard Options

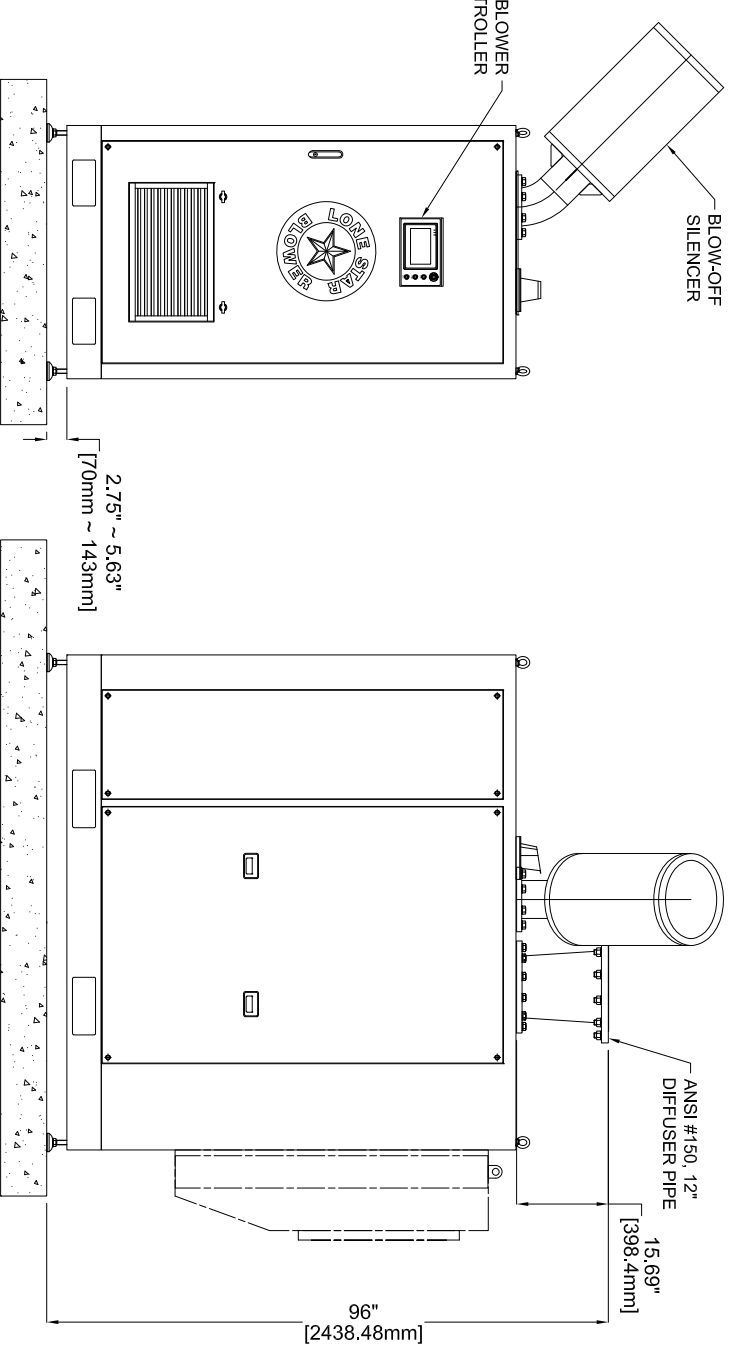
- High and Low Ambient Temperature
- Sperated Electrical and Mechanical Enclosure
- Flanged Intake
- Outdoor Enclosure
- Dual and Duplex Options
- Harmonic Filter



VIEW "E-E"
(LOOKING DOWNWARD)



VIEW "A"
(REAR SIDE)



VIEW "B"
(LEFT SIDE)

VIEW "C"
(FRONT SIDE)

VIEW "D"
(RIGHT SIDE)

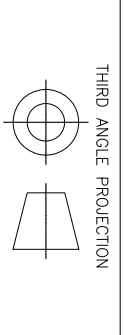
REVISION HISTORY		
REV	DESCRIPTION	DATE

ALL DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
PLEASE CONSULT WITH LONE STAR PRIOR TO DESIGNING AROUND PARTICULAR EQUIPMENT.

MODELS	WEIGHT
MAX250-C080~C120 LOUVER	3,086 LBS (1400 KG)
MAX250-C080~C120 FLANGED INTAKE	3,186 LBS (1445 KG)

UNLESS OTHERWISE SPECIFIED
DO NOT SCALE

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DRAWING IS FOR REFERENCE ONLY UNLESS SPECIFIED AS RELEASED.		APPROVALS		TITLE	
DRAWN	JMC	06/04/2021	DT SERIES		
CHECK			BLOWER MAX250-C080~C120		
ENGINEER			SIZE / CAGE CODE	DWG. NUMBER	REV
MANUFACTURING			A -	MAX250-C080~C120	0
CONTROL			SCALE	SHEET 1 OF 1	
APPROVED					