



MAX125

Gearless High Speed Turbo Blower

Model MAX125-C070

Service
Air and Pressure

Standard Specifications

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

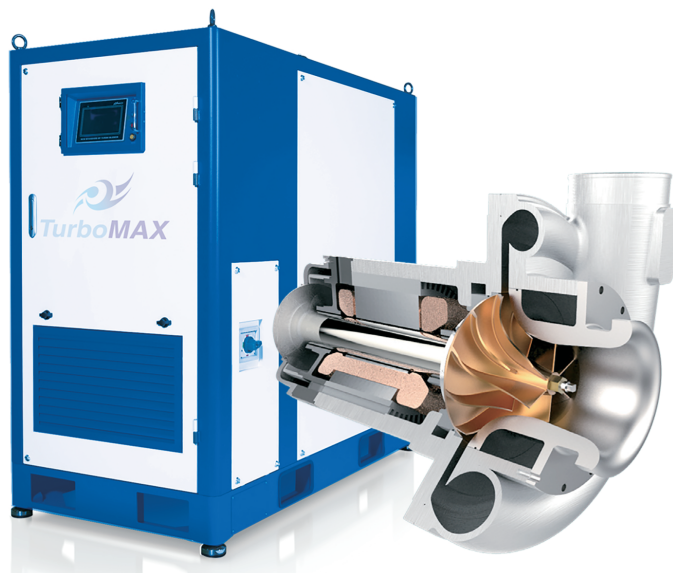
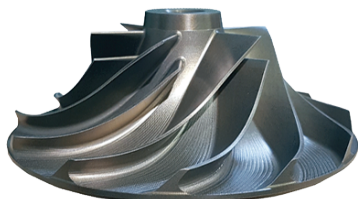
Casing.....	A356 Cast Aluminum
Volute	A356 Cast Aluminum
Bearings	Inconel with Teflon, Nano Silver Coatings
Impeller.....	5 Axis Machined anodized 7075 Aluminum
Shaft	Titanium alloy with Sm2C017 Magnets
Blower Base Skid	ASTM A36 Structural Steel
Isolation Pads.....	Adjustable Feet with Mounting Anchor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

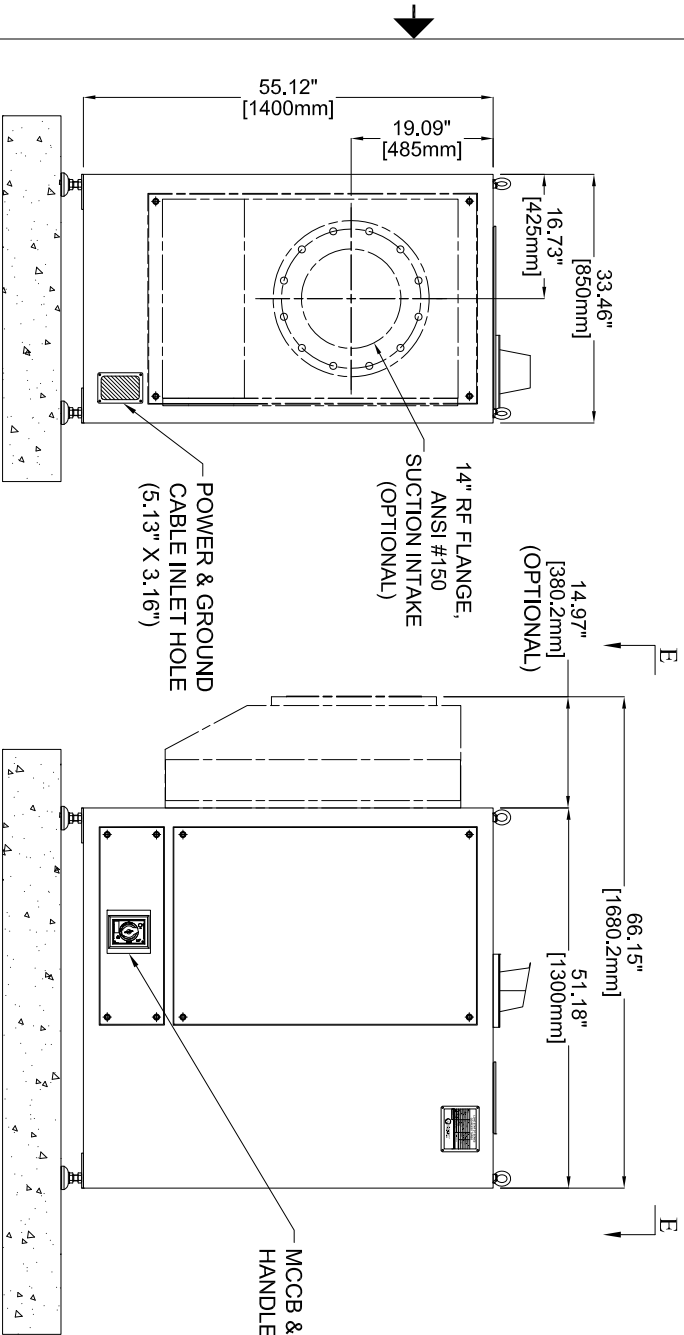
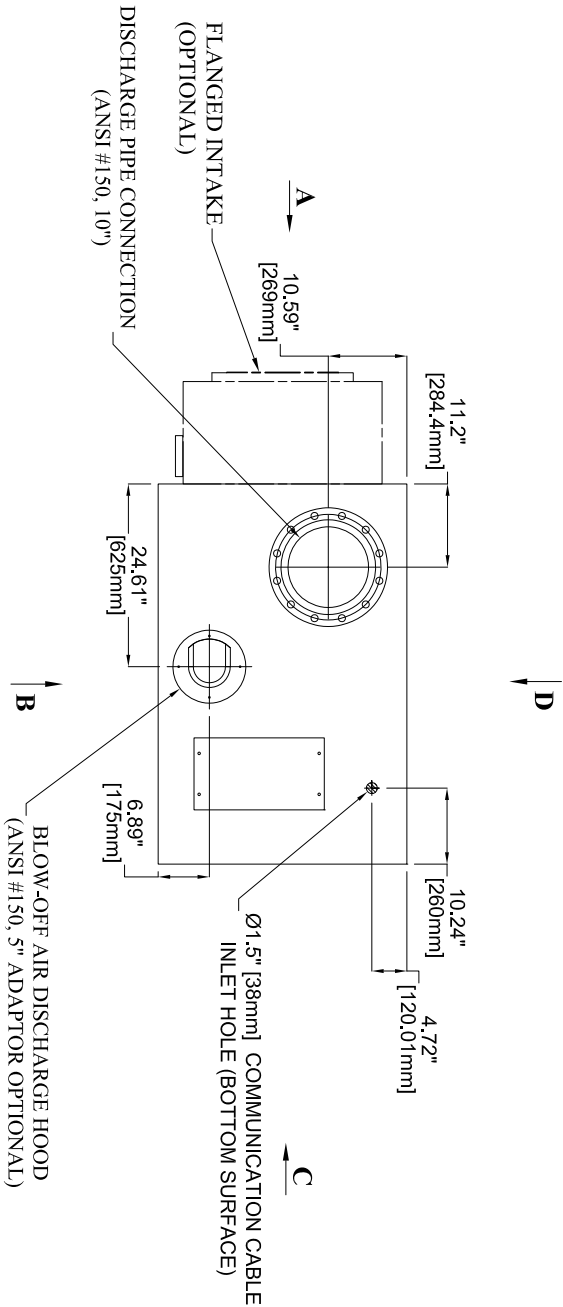
- High and Low Ambient Temperature
- Sperated Electrical and Mechanical Enclosure
- Flanged Intake
- Outdoor Enclosure
- Dual and Duplex Options
- Harmonic Filter



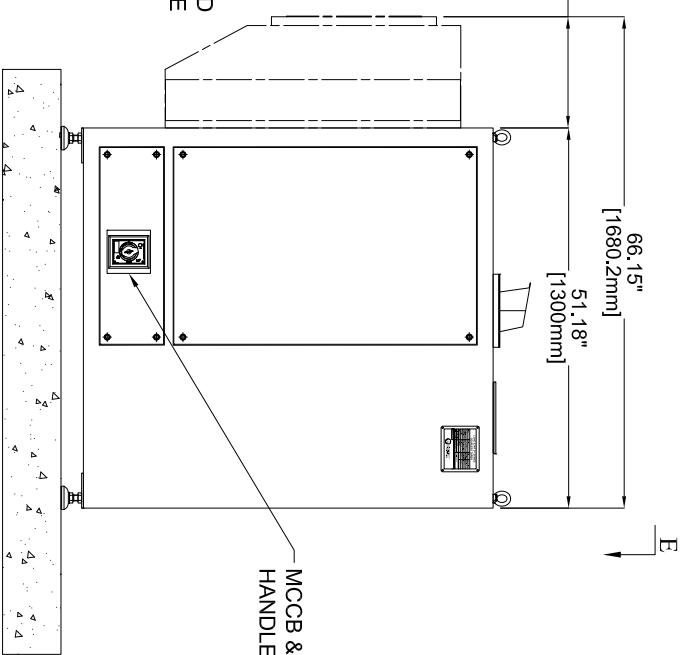
www.lonestarblower.com

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

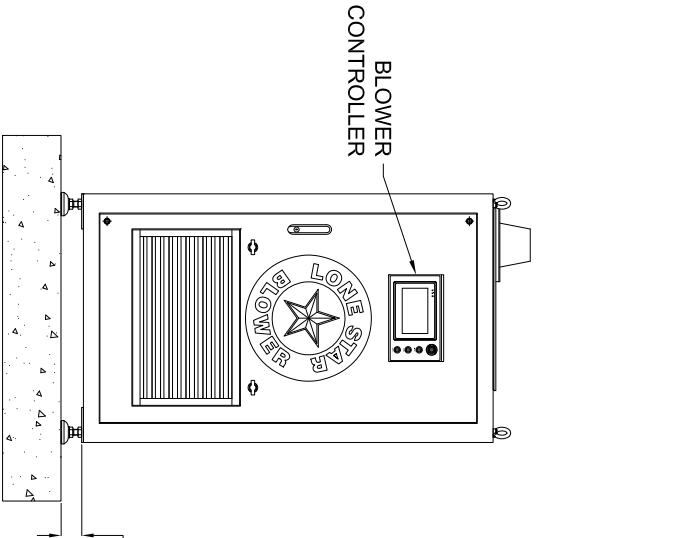
VIEW "E-E"
(LOOKING DOWNWARD)



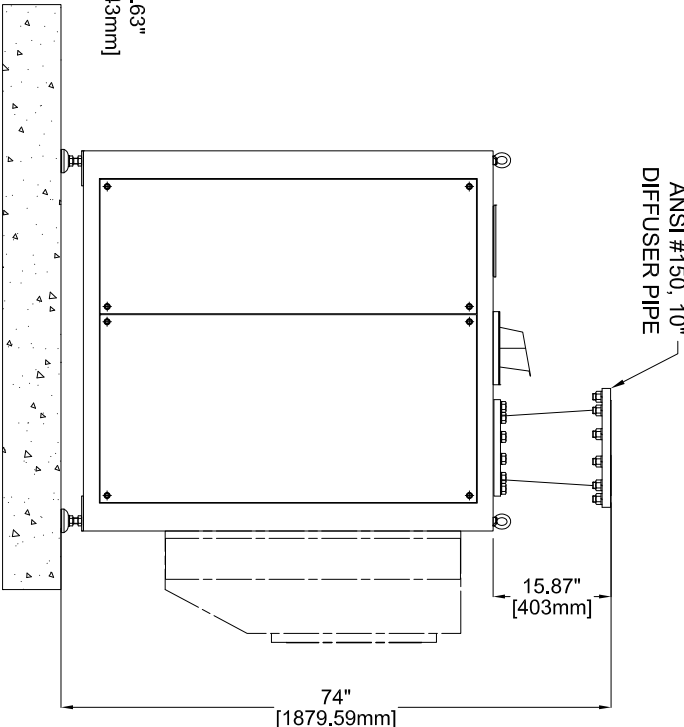
VIEW "A"
(REAR SIDE)



VIEW "B"
(LEFT SIDE)



VIEW "C"
(FRONT SIDE)



VIEW "D"
(RIGHT SIDE)

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

MODELS	WEIGHT
MAX125-C070 LOUVER	1,609 LBS (730 KG)
MAX125-C070 FLANGED INTAKE	1,709 LBS (775 KG)

UNLESS OTHERWISE SPECIFIED DO NOT SCALE	DRAWING IS FOR REFERENCE ONLY UNLESS SPECIFIED AS RELEASED.			LONE STAR  DT SERIES BLOWER MAX125-C070			
	APPROVALS						
	DRAWN	JMC	06/04/2021				
	CHECK						
	ENGINEER						
LONE STAR BLOWER PROPRIETARY RIGHTS ARE INCLUDED HEREIN. THIS INFORMATION MAY NOT BE COPIES, TRANSFERRED, OR DISCLOSED, EXCEPT AS AUTHORIZED BY LONE STAR BLOWER.	THIRD ANGLE PROJECTION						
	MANUFACTURING			SIZE	CAGE CODE	DWG NUMBER	REV
	CONTROL			A	-	MAX125-C070	0
	APPROVED			SCALE	SHEET 1 OF 1		