



MAX100

Gearless High Speed Turbo Blower

Model MAX100-C040

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

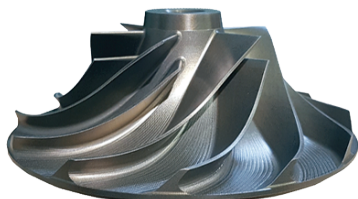
Casing.....	A356 Cast Aluminum
Volute	A356 Cast Aluminum
Bearings	Inconel with Teflon, Nano Silver Coatings
Impeller.....	5 Axis Machined anodized 7075 Aluminum
Shaft	Titanium alloy with Sm2C017 Magnets
Blower Base Skid	ASTM A36 Structural Steel
Isolation Pads.....	Adjustable Feet with Mounting Anchor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

Optional Testing & Certifications

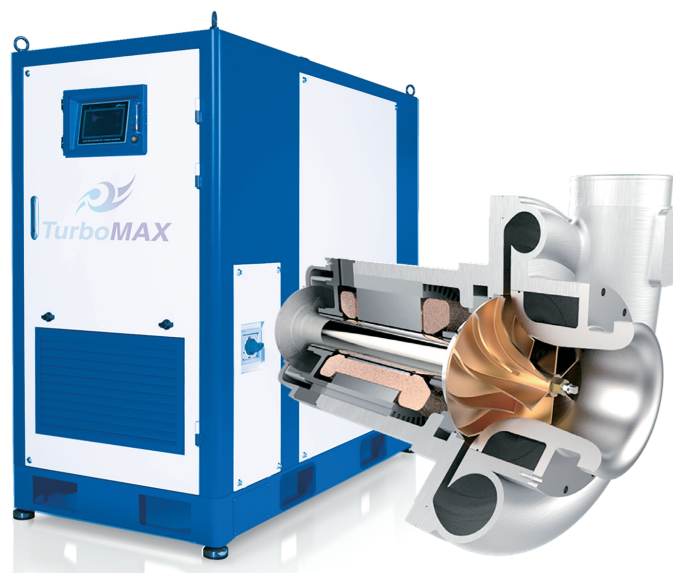
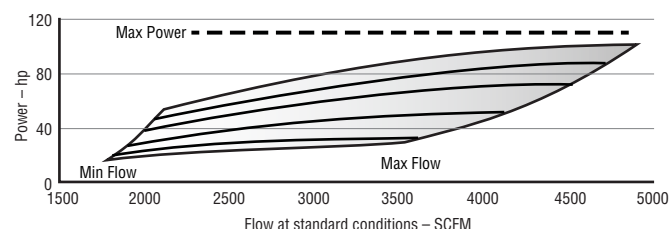
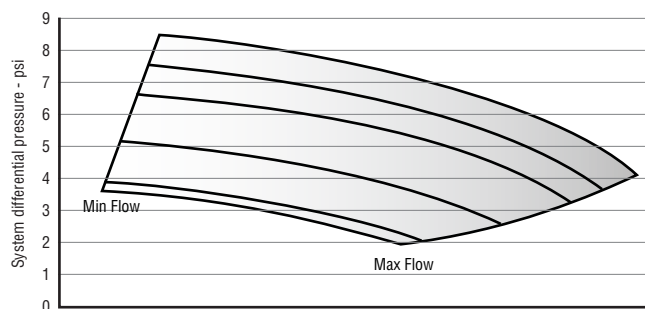
Electrical.....	UL 508A, UL 1450, CSA, CE, IEEE519
Hazardous Location	Not Classified
Balancing.....	ISO 1940 - G2.5, ~4W/N API
Noise Level.....	OSHA 1910.95, ISO 2151:2004
Performance Testing	ASME PTC-10, PTC-13, ISO 5389

Standard Options

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



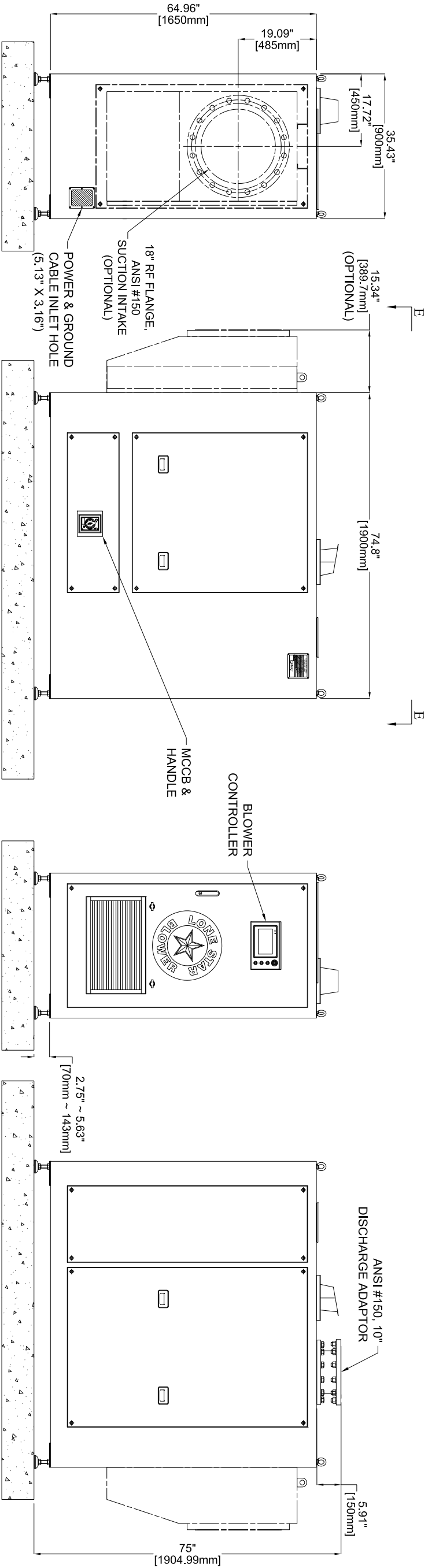
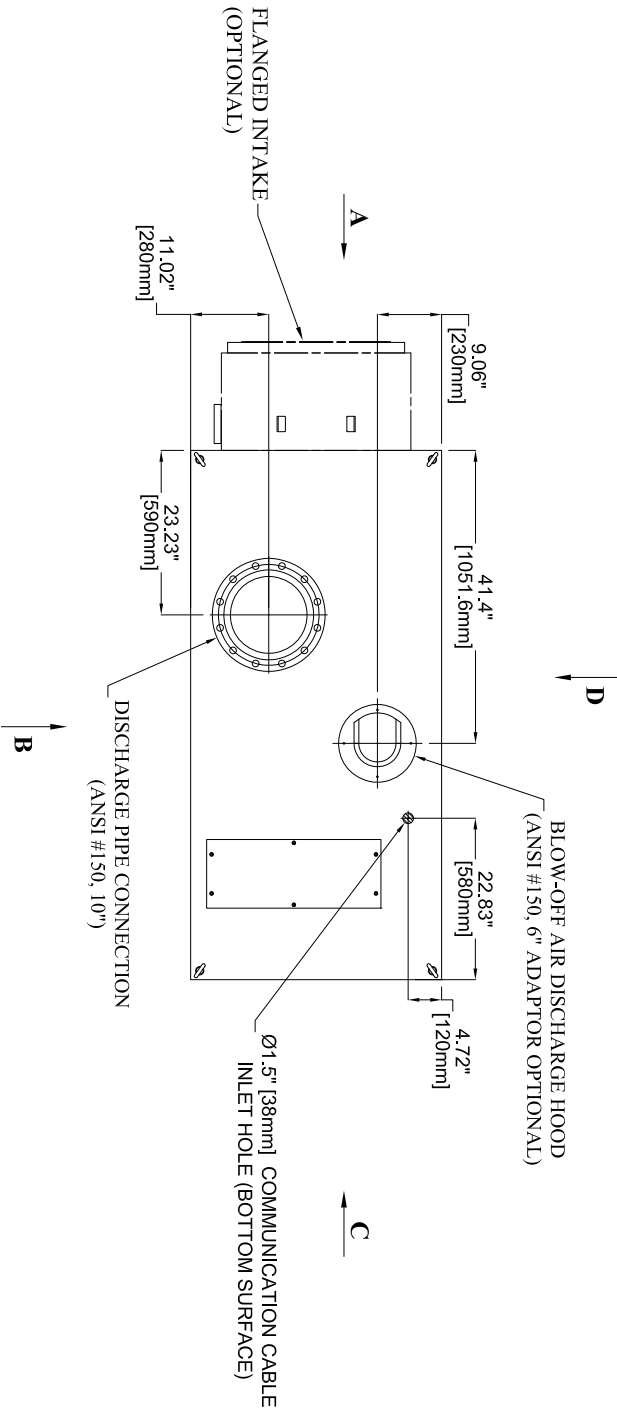
Service Air and Pressure



www.lonestarblower.com

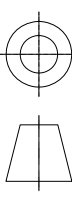
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

VIEW "E-E"
(LOOKING DOWNWARD)



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

MODELS	WEIGHT
MAX100-C040 LOUVER	1,984 LBS (900 KG)
MAX100-C040 FLANGED INTAKE	2,084 LBS (945 KG)

UNLESS OTHERWISE SPECIFIED DO NOT SCALE	DRAWING IS FOR REFERENCE ONLY UNLESS SPECIFIED AS RELEASED.			LONE STAR			
	APPROVALS						
	DRAWN	JMC	06/04/2021				
	CHECK						
	LONE STAR BLOWER PROPRIETARY RIGHTS ARE INCLUDED HEREIN. THIS INFORMATION MAY NOT BE COPIES, TRANSFERRED, OR DISCLOSED, EXCEPT AS AUTHORIZED BY LONE STAR BLOWER.	ENGINEER			TITLE DT SERIES BLOWER MAX100-C040		
		MANUFACTURING					
		CONTROL					
		APPROVED					
	THIRD ANGLE PROJECTION	SIZE	CAGE CODE	DWG. NUMBER	REV		
		A -	MAX100-C040	0			
	SCALE		SHEET 1 OF 1				