

StabiliX™ Dual Stage Vacuum Pump

9000-2112, 9000-2113, 9000-2114, 9000-2115

Specification Sheet

Description

The StabiliX™ is a dual-stage next-gen molded pump designed to work flawlessly with IDEX Health & Science degassing chambers and PCB control systems. With enhanced design componentry, this pump has higher performance and longer life required for the current application needs. The StabiliX™ is available for analytical and prep scale applications in bottom and side mount configurations. The StabiliX™ pump will function with both the lumen and film degassing chambers. This pump is retrofittable in our current dual stage molded pump system configurations.

Where Used

Part Number	Description	Mounting	Scale
9000-2112	ASSY,BTM,ANALYTICAL, StabiliX	Bottom	Analytical
9000-2113	ASSY,SIDE,ANALYTICAL, StabiliX	Side	Analytical
9000-2114	ASSY,BTM,PREP, StabiliX	Bottom	Prep
9000-2115	ASSY,SIDE,PREP, StabiliX	Side	Prep

Specifications

Air Flow (no vacuum): 650 SCCM @ 400 RPM; 100 SCCM @ 60 RPM

Wetted Materials: 316 Stainless Steel, Glass filled PPS, EPDM, PEEK, PTFE, and Borosilicate glass.

Stepper motor driver: unipolar or bipolar, step angle – 1.8°

Motor winding resistance: 4.4 ohm

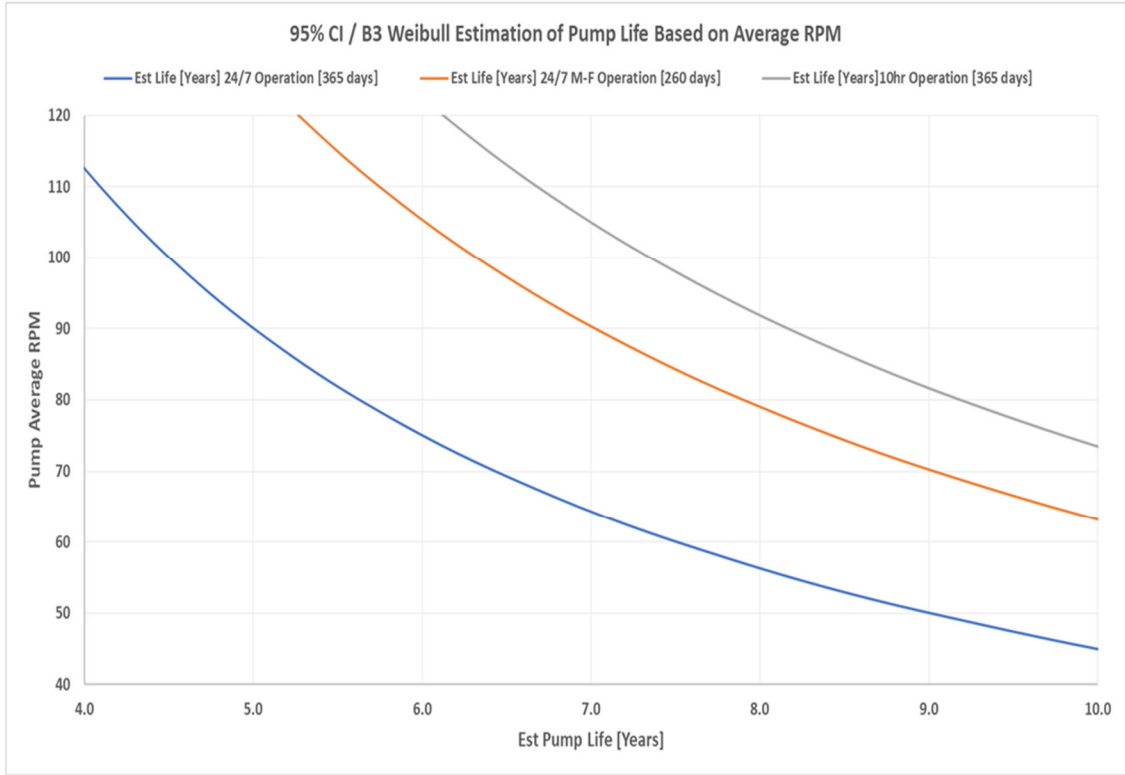
Motor max rated current: 1A

Normal operating temperature: 1°C to 60°C

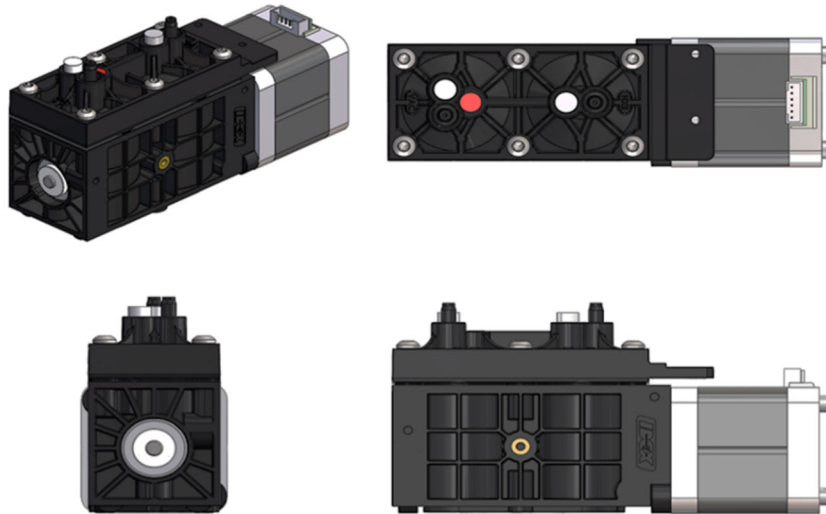
Storage Temperature: -29°C to 60°C

Relative Humidity, Non-Condensing (%): 15% to 85%

Product conforms to ISTA-2A package testing



Product View

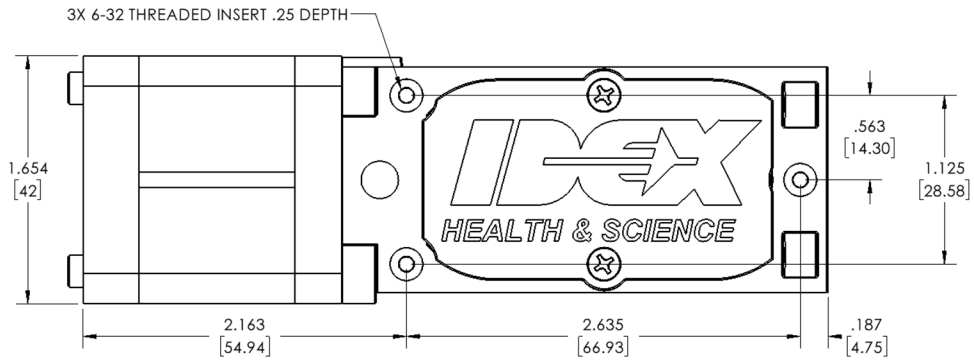


Dimensional Drawing:

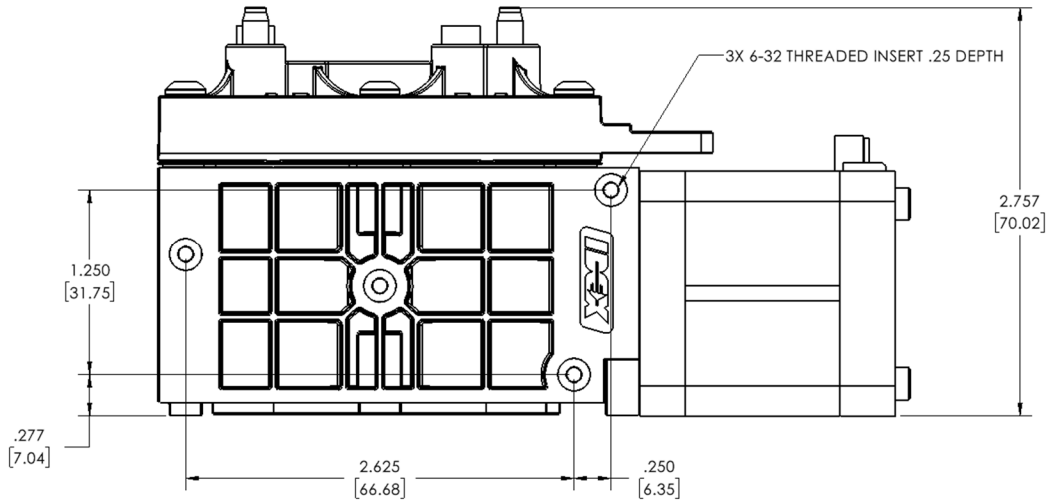
Dimensions are in inches [millimeters]

For reference only

Bottom Mount



Side Mount



Regulatory Compliance:

StabiliX™ vacuum pumps are compliant with current RoHS & REACH regulations.

Revision Notes:

Rev A