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# OIL-LESS VACUUM PUMP

**MODEL MB-180H**

**115v - Part No. 46350**

## Quick Start Set-Up Sheet

*Assemble as shown below*



*Vacuum Port*



*Vacuum Port set-up*



*Exhaust Port*



*Place M6 Hex Nut in slots and tighten all 4 rubber pads included (also shown: optional studded feet)*

## Product Use Criteria and Tips

- Pump only clean, dry air.
- Operate at 32°F-104°F (0°C-40°C).
- Protect unit from dirt and moisture.
- Do not pump flammable or explosive gases or use in an atmosphere that contains such gases.
- Protect all surrounding items from exhaust air as exhaust air can become very hot.
- Corrosive gases and particulate material will damage unit. Water vapor, oil-based contaminants, or other liquids must be captured prior to entering the vacuum port.
- The pump is oil-less and requires NO lubrication.
- Double studded rubber feet available for “fixed” mounting pump to cart/table (M6, PN46355).
- Always use Coolant Trap unless machining dry.
- Vacuum Grippers available (PN45155), increasing side load holding force up to 400%.
- End-mills with 45° Helix preferred tooling when vacuum machining.
- Reduce feed rate when machining flexible material or when going around outboard/inboard radius.

**! WARNING**



**Electrical Shock Hazard**  
**This product must be properly grounded.**  
**Do not modify the plug provided. If it will not fit the outlet, have the proper outlet installed by a qualified electrician.**

### NOTE:

- Do not modify electrical plug or switch.
- Disconnect from power when performing any maintenance.

### **Piston Kit (PN46356) Available When:**

- Exceed 9,000 hours running 8 hours a day
- Exceed 5,000 hours running 24 hours a day
- Ingest liquid and pump no longer functions properly.

<b>OIL-LESS PISTON VACUUM PUMP CE</b>		
<b>Model:</b> MB-180H	<b>S/N:</b>	
<b>Air Flow:</b> 100/108 l/min	<b>Max. Vacuum:</b> 20 torr	
<b>v:</b> 100-115	<b>Hz:</b> 50/60	<b>A:</b> 2.8/3.0
<b>Phase:</b> single	<b>Kw:</b> 0.46	<b>rmp:</b> 1425/1745
<b>MITEE-BITE PRODUCTS LLC</b>		

