

Vacuum degassing is the process of using vacuum to remove gases from compounds which become entrapped in the mixture when mixing the components. To assure a bubble-free mold when mixing resin and silicone rubbers and slower-setting harder resins, a vacuum chamber is required. A small vacuum chamber is needed to eliminate air bubbles for materials prior to their setting. The process is fairly straightforward. The casting or moulding material is mixed according to the manufacturers directions.



- **Product Features of the Chamber**

- Acrylic Plexi-Glass chamber for long-term air-tightness performance.
- Burhani Vacuum chamber has a rounded edge at the top, for the protection of silicone gasket.
- Vacuum gauge is assembled on a separate port, so that the reading remains accurate even while pumping/venting the chamber.
- Gauge reading in both in Hg and Mpa.
- All kits are vacuum tested for 24 hours before packaging. (leakage less than 2.0 inHg at 24 hours)
- Two-sided flippable vacuum gasket for better durability and reliability.
- The gasket is chemically resistant to butane and other solvents.
- 25 mm thickness Acrylic lid for long life and clear visibility.
- Strong elastic food grade silicone vacuum hose can connect/disconnect easily with the pump/chamber.
- 50um air filter on the vent valve to reduce air flow and prevent any dust/powder flowing into the chamber.
- Easy to install and low-cost to maintain: the chamber can be assembled in 5 minutes.
- 45 day complimentary warranty and life-long parts support.

- **Product Specs & Part List of the Chamber**

- **Vacuum Chamber:** Plexi Glass Acrylic with 30 years warranty
- **Lid:** Acrylic
- **Vacuum Gasket:** silicone, resistant to Butane and other solvents.
- **Vacuum Gauge Assembly:** 0.5 inHg accuracy.
- **Valve Assembly:** very high quality air-tight brass valves, with 50um filter on vent port
- **Vacuum Hose:** 3.3' / 1 meter food grade collapse-proof silicone hose, 3mm wall thickness (8mm I.D, 14mm O.D)
- **Vacuum Pump Adapter:** 3/8" hose barb to 1/4 SAE flare port . . .

| Model No  | Capacity Gallon | Capacity Litres | Size Dia x Height (cm) |
|-----------|-----------------|-----------------|------------------------|
| BHFGC1060 | 0.5             | 1.9             | 10x60                  |
| BHFGC2060 | 2.0             | 7.5             | 20x60                  |
| BHFGC2560 | 3.1             | 11.8            | 25x60                  |
| BHFGC3060 | 4.5             | 17.0            | 30x60                  |
| BHFGC3560 | 6.0             | 23.0            | 35x60                  |
| BHFGC4060 | 8.0             | 30.0            | 40x60                  |
| BHFGC4560 | 10.0            | 38.0            | 45x60                  |
| BHFGC5060 | 13.0            | 47.0            | 50x60                  |

Custom Sizes Manufactured on Demand