

## Heated Vacuum Degassing Chamber

Heated 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 Heated Vacuum Degassing Chamber**
- **Stainless steel chamber for long-term air-tightness performance.**
- **Heavy Duty Industrial Heating System**
- **Adjustable Digital Temperature display and Controller**
- **Various Temperature Ranges available on request**
- **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.
- Stainless Steel lid for long life .
- 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:** stainless steel
- **Lid:** Stainless Steel
- **Controller :** Microprocessor based Digital Temperature controller
- **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)
BHF2020	1.7	6.3	20x20
BHF3030	5.6	21	30x30
BHF3045	8.5	32	30x45
BHF4040	13.5	50	40x40
BHF5050	27	100	50x50

Custom Sizes Manufactured on Demand