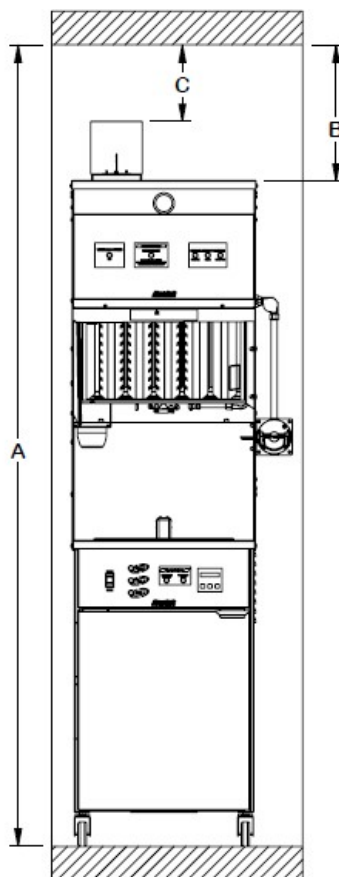


**Ventless Hood Requirements**  
**MB-50ATV/MB-85ATV/MB-502ATV**

Description		Values
Minimum Ceiling Height	A	89" (226cm)
Distance from Ceiling (top of Hood)	B	Min. 10" (25cm); Recommended: 15+" (38cm)
Distance from Exhaust Flap	C	Min. 2" (5cm); Recommended: 12+"(30cm)
Distance from Combustibles (Sides, Back, Top)		0" (0 cm)
MB-50ATV (HOOD MODEL CR-40V)		300 cfm (8.5 m³/min)
MB-85ATV (HOOD MODEL CR-60V)		500 cfm (14.2 m³/min)
MB-502ATV (HOOD MODEL MB-502ATV)		
MB-50ATV & MB-85ATV (HOOD MODELS CR-40V & CR-60V)		
Fire Supression System		ANSUL R-102 Restaurant (Liquid System)
Agent Tank		ANSUL 1.5 Gal. P/N 429864
Gas Cartridge		Nitrogen: ANSUL LT-20-R (TC/DOT P/N 423429 CO <sub>2</sub> : 101-10 – CO <sub>2</sub> (TC/DOT P/N 423439
MB-502ATV (HOOD MODEL MB-502V)		
Fire Supression System		ANSUL R-102 Restaurant (Liquid System)
Agent Tank		ANSUL 3 Gal. P/N 427862
Gas Cartridge		Nitrogen: ANSUL LT-30-R (TC/DOT P/N 423435 CO <sub>2</sub> : 101-20 – CO <sub>2</sub> (TC/DOT P/N 423441



Note:

<sup>1</sup> This is a requirement by your city/county/state inspector and not RESFAB Equipment (Please refer to the IMC (International Mechanical Code Section 508.1) for additional information.

## HVAC Guidelines for Ventless Hood

Here are some guidelines to help HVAC person to determine appropriate parameters.

### Notes:

- **Ventilation must be in accordance to manufacturer's specifications and local regulations. Improper ventilation may void the appliance warranty, and may violate NFPA & ASHRA codes. Please consult with your local authority.**
- The installation and maintenance of ventilation system must be done by a certified HVAC technician.
  1. Minimum Air Flow, Air supply, (depending on the model please refer to page 1) needs to be available in the room where is located the Ventless Hood.
    - a. Preferably in front of the fryer in a radius of 3-10'. Refer to next picture.
  2. Proper balancing of the HVAC system might be required if building is not well balanced.
  3. Ideally, Air return (Vent) should be located over the front of the Fryer or in a radius of 1-3 feet in front of the Fryer exhaust chimney. Refer to the picture.
  4. The room where the Ventless Hood/Fryer is to be located, should be slightly negative pressure forcing air flow toward the kitchen and avoid any odors going out into the retail/dining areas.

