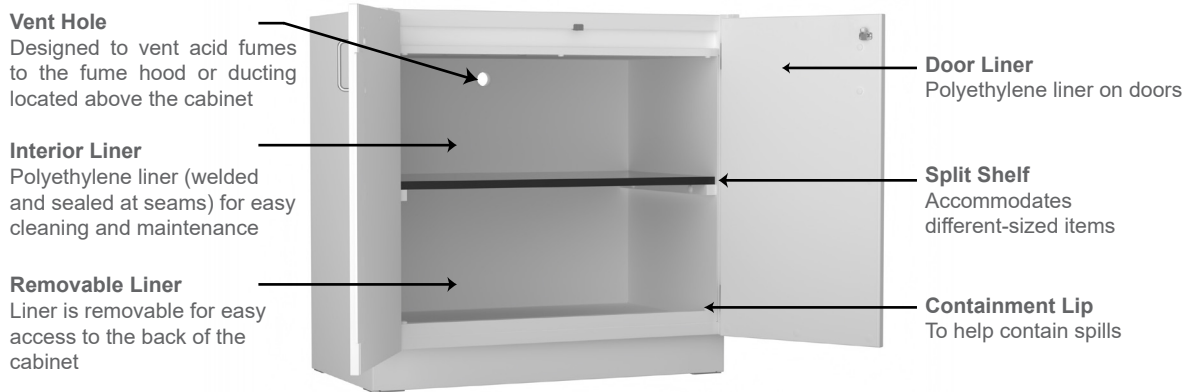


ACID CABINETS

CONSTRUCTION DETAILS

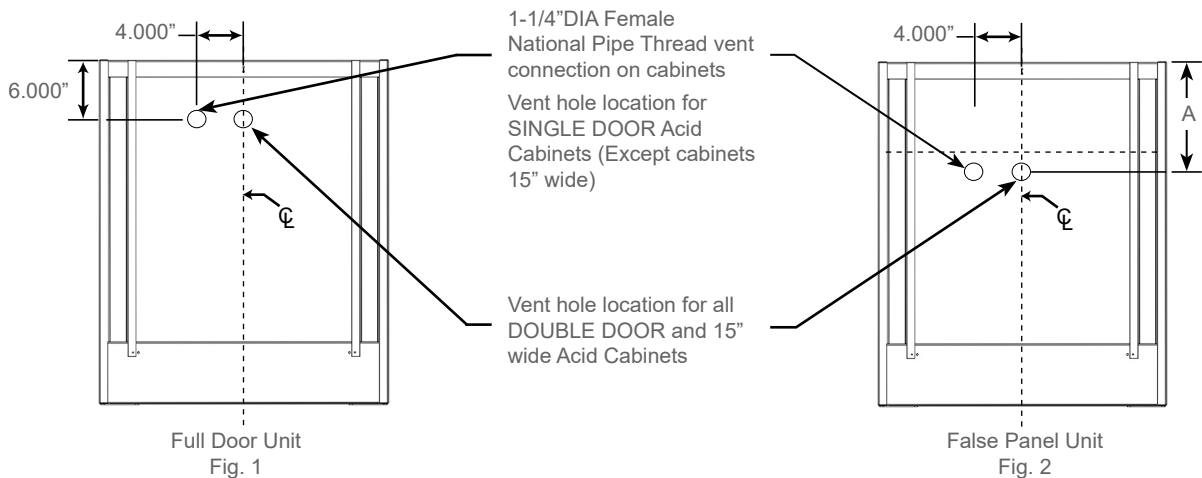
Acid Cabinet Details

- Polyethylene liner and phenolic resin shelf are chemically resistant in acid cabinets.
- The removable liner is secured with capped stainless steel screws and includes a vent connection.
- Vent location applies to 28-3/4", 31-3/4", and 34-3/4" height full door (Fig. 1) cabinets. For false panel units (Fig. 2) dimension A varies with the height of the cabinet. Cabinets are marked "ACID" - in red letters.
- Note: acid cabinets must be vented. Mott recommends venting acid cabinets with a Polyolefin vent kit (PVSS or PVSA for field retrofit - see fume hood section).



Cabinet Vent Hole Locations

Acid Cabinet Rear View



SOLVENT/PUMP CABINETS

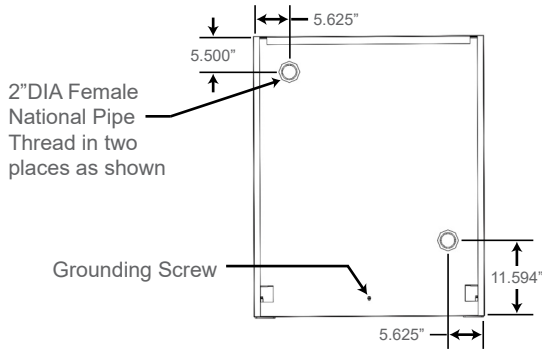
CONSTRUCTION DETAILS

Insulated & Non-Insulated Solvent Cabinet Details

- Insulated solvent storage cabinets are fabricated with 2" insulated double walls, meet National Fire Protection Association standards and undercounter sizes are approved to UL1275.
- Uninsulated safety cabinets meet National Fire Protection Association standards.
- Insulated and non-insulated solvent cabinet floors have one 2" deep liquid tight spill containment pan.
- Doors are mounted on continuous hinges with a three point locking self latching handle.
- Each cabinet has two 2" diameter vents in the rear of the cabinet, complete with flame arrestor and vent covers. Vent location applies to 28-3/4", 31-3/4", 34-3/4", 44" and 65" height cabinets.
- Cabinets are provided with one full depth shelf, adjustable in 1/2" increments.
- Cabinets are marked "FLAMMABLE KEEP FIRE AWAY" - in red letters.
- Self closing doors are standard, with option to add a fusible link.
- Note: NFPA30 Fire code does not require solvent cabinets to be vented. Do not vent solvent cabinets to fume hood. If cabinet must be vented use fireproof pipe. Contact Mott for details.

Cabinet Vent Hole Locations

Solvent Cabinet Rear View



Pump Storage Cabinet Details

- Pump cabinets are insulated with 1" thick acoustic foam which provides sound absorption and noise reduction over a wide range of frequencies.
- Foam is incorporated to the interior of the cabinet including the door and it is contained with a mechanical inner steel frame. The foam is fire resistant and complies with MVSS 302 AND UL94 HF-1 requirements.
- Two vent holes are incorporated in the cabinet back for connections to centralized lab exhaust systems. Vent location applies to 28-3/4", 31-3/4", and 34-3/4" height full door (Fig. 1) cabinets. For false panel units (Fig. 2) dimension A varies with the height of the cabinet. Custom vent cutouts are available.
- Back access panel is easily removable to provide convenient access to venting or electrical connections after installation.
- One 120 Volt / 20 Amp (15 Amp in Canada) electrical duplex receptacle provides power to the vacuum pump (final power connection required).
- The switch that controls receptacles is located on the front panel on false panel units; full height door units are typically wired through the fume hood.

Cabinet Vent Hole Locations

Pump Storage Cabinet Rear View

