



# AtomVault™ Gas Cylinder Storage Cabinet

## Standard Configurations

- Eleven (11)-gauge cold rolled steel body
- High quality, fully seam-welded construction
- Low profile ¼" diamond-plate hard-deck
- Large view, gasketed, fire rated, wire-reinforced safety glass viewing window
- Protective Lexan® shield behind access door
- Self-closing, self-latching gasketed, triple-hinge doors.
- Lockable safety latches
- Lockable access door (>150 f/m face velocity while open at recommended exhaust rates)
- Thirty-one (31) gpm bee's wax coated sprinkler heads rated for 165°F
- Laser cut intake grille
- Unistrut® compatible interior mounting rails
- Seismic tie-down clearance holes for 5/8" bolts
- Cylinder clamps with tension straps
- Light gray, textured, ruggedized polyurethane finish
- Plumbing backplanes

## Specialty Gas and Chemical Delivery and Storage Systems

are engineered to meet tomorrow's standards for Ultrahigh Purity, safe handling of your hazardous gases and liquids. Through the SDC brand name and private label equipment installations, SDC has emerged as a leader in safe, UHP, low cost specialty gas and chemical delivery equipment.

*OEM discounts and private-labeling services available.*

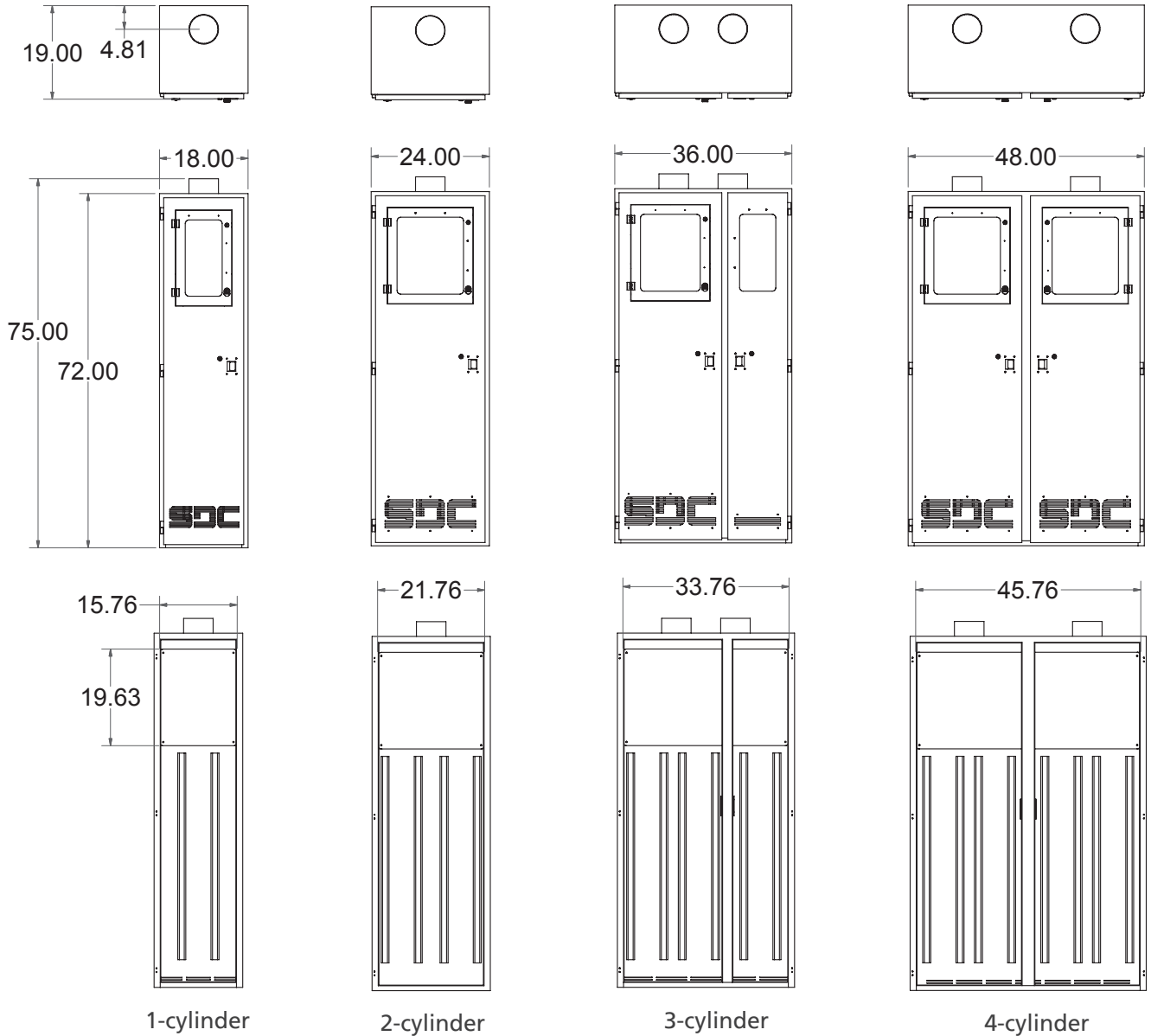


2-cylinder storage cabinet

## EXHAUST SPECIFICATIONS/REQUIREMENTS

Cabinet Model	Exhaust Configuration	* Min. Exhaust Flow
1-Cylinder	One 6" OD stub	150 CFM
2-Cylinder	One 6" OD stub	300 CFM
3-Cylinder	Two 6" OD stubs	450 CFM
4-Cylinder	Two 6" OD stubs	600 CFM
1-Dewar	One 8" OD stub	500 SCFM
2-Dewar	Two 8" OD stubs	1000 SCFM

\* Depending on the specific gas and the combined volume, this flow may be higher.



### Optional Features

- Adjustable cylinder shelves
- Air intake filters
- Plumbing backplanes
- Custom cabinet colors
- Custom laser cut intake grille
- Custom labeling and logos
- Lecture bottle stands
- Chains in lieu of self-tightening straps
- Exhaust pressure switch (monitored by others)

### Codes and Standards Referenced

- OSHA® 29 CFR 1910, subparts S and H
- NFPA® 497 Classifications of Hazardous Locations for Electrical Installations in Chemical Process Areas
- SEMI® S2 Safety Guidelines for Semiconductor Manufacturing Equipment
- SEMI® S8-95 Safety Guidelines for Ergonomics/Human Factors Engineering of Semiconductor Manufacturing Equipment
- SEMI® S6-93 Safety Guidelines for Ventilation