

SPECIALTY GAS EQUIPMENT

Special Service

## Semi Grade Series of Gas Cylinder Storage Cabinet



**Description:** The Airgas® Semi Grade Series of Gas Cylinder Storage Cabinets are engineered to meet tomorrow's standards for safe handling of your hazardous compressed and liquefied gases. The Semi Series is compliant with SEMI S2 (Safety Guidelines for Semiconductor Equipment Manufacturing), International Fire Code and exceeds all other applicable code requirements. Bearing the signature laser-cut Airgas intake grill, the Semi Series boasts a light gray, textured, ruggedized polyurethane finish. Standard sizes available in a one to four cylinder cabinet.

The Semi Series is designed with flexibility in mind. The standard Semi Series is fitted with plumbing backplanes, adjustable intake louvers, cylinder clamps w/tension straps, seismic tie-downs and fire-rated sprinkler. Customization and many options are available. For integrated gas panel options, using our EZ gas panels please call Airgas at 1-800-939-5711 between 8 am to 7 pm EST.

### Standard Configurations

Model	Footprint
1-Cylinder	18"W x 19"D x 72"H
2-Cylinder	24"W x 19"D x 72"H
3-Cylinder	36"W x 19"D x 72"H
4-Cylinder	48"W x 19"D x 72"H

### Optional Features

- Adjustable cylinder shelves**  
Air intake filters
- Chains in lieu of self-tightening straps**  
Exhaust pressure switch (monitored by others)
- Custom Colors**  
Custom laser-cut logo intake grille
- Custom sizes**

### Standard Features

- Eleven (11) gauge cold rolled steel body**  
High quality, fully seam-welded construction
- Low profile 1/4" diamond-plate hard-deck**  
Gasketed, fire-rated, wire reinforced safety glass view window
- Protective Lexan® shield behind access door**  
Self-closing, self-latching, fully gasketed, triple-hinge doors
- Lockable safety latches**  
Lockable, self-closing access door
- Fire-rated sprinkler head, 31gpm, 165°F**

### Specifications

Model	Exhaust Configuration	*Maximum Exhaust Flow
Y80-AV1CYL	One 6" OD stub	200 cfm
Y80-AV2CYL	One 6" OD stub	300 cfm
Y80-AV3CYL	Two 6" OD stubs	450 cfm
Y80-AV4CYL	Two 6" OD stubs	600 cfm
Y80-AV1DEW	One 8" OD stub	500 cfm
Y80-AV2DEW	Two 8" OD stubs	1000 cfm

\*Depending on specific gas, combined volumes, RFO sizes, site conditions, etc., this flow may be higher.