



# SPECIFICATIONS

## SGLAB Sage™ Adjustable-Height Lab Stool

**Description:** Virco's adjustable-height Sage™ pedestal base lab stool (model SGLAB) features a spacious, ergonomically contoured shell with a responsive backrest that provides long-lasting support to students in colleges, universities and other adult education settings, as well as high school environments, and a pneumatic mechanism for easy seat-height adjustment. The unit's seat height is adjustable from 19-1/2" to 27", while its footring is adjustable from 8" to 14".

**Frame:** The frame shall consist of an 8 gauge steel swivel plate affixed to a 12 gauge steel attaching plate with 4 machine screws. An extension assembly shall be attached to the swivel plate on one end and to the unit's pedestal base on the other end.

**Seat Extension Assembly:** This shall consist of a solid steel shaft and a heavy-gauge steel connecting plate.

**Plastic Chair Shell:** The unit shall have a one-piece, injection-molded polypropylene plastic shell featuring a waterfall front edge to promote good circulation in the user's popliteal arches, lower legs and feet. The carefully relieved seat scoop shall help reduce pressure on the sensitive ischial tuberosities ("bottom bones"), while a generous and flexible thoracic-area surface shall provide excellent mid-back support and comfort to users of many sizes. The gentle lumbar swell in the back shall promote proper reverse curvature of the spine and ensure comfort for a wide range of body types. A hollowed-out "wallet area" shall help prevent uncomfortable pressure on the sacrum and coccyx (tailbone), and encourage good posture. Color shall be evenly dispersed throughout the plastic for a clean and fresh appearance. Both sides of the shell shall be textured and have an attractive handhold in the upper portion of the back with smooth edges. The seat shall have contoured wrap-around flexible ribs, which are dynamically tuned to

allow the upper back to flex more easily than the lower sections, a key to combining comfort with support. The seat shall be permanently attached to the frame with six steel rivets beneath the seat, eliminating traditional holes and rivets in the seating surface.

**Gas Cylinder:** This shall consist of a gas-filled cylinder with a steel piston and housing. The piston shall be mounted with a ball bearing. The gas cylinder shall be tapered to pressure-fit into the unit's swivel plate and pedestal base.

**Pedestal Base:** The pedestal base shall consist of fiberglass-reinforced nylon and have a five-prong configuration. The base shall accept a seat extension assembly and casters or glides.

**Casters:** The unit shall have five 2" diameter, dual-wheel, hooded swivel casters constructed of high-impact nylon with steel stems and lock-fit expansion rings. Optional soft wheel casters or glides shall be available for field installation only. For soft wheel casters, specify "9024CAST"; for glides, specify "UGLIDE".

**Footring:** The unit shall have an 18" diameter adjustable footring attached to a four-prong adjustable mount that clamps to the outside diameter of the gas cylinder.

**Adjustment Range:** Seat height shall be adjustable from 19-1/2" to 27"; the footring shall be adjustable from 8" to 14". The overall height of this unit shall be adjustable from 34-1/2" to 42".

### Dimensions:

SGLAB

Height: See Adjustment Range paragraph.

Depth: 25"

Width: 25"