

# SP-700

## RPS PART NUMBER FM11

### VENTILATION UNIT



# RPS

RADIATION PROTECTION SYSTEMS, INC.

P.O. BOX 890, Groton, CT 06340

T860.445.0334 • F860.446.1876

Toll Free 888.637.7779

[www.radprosys.com](http://www.radprosys.com)

The SP-700 HEPA filtration unit is a compact, highly portable, industrial quality source of air cleaning. It gets close to the job, eliminating long runs of flex ducting and the associated loss of system performance. The SP-700 operates in either the vertical or horizontal position. The unit is equipped with an 8' power cord and slide gate for flow control. The unique cylindrical design provides durability and requires less space than comparably rated platform models.

This unit has been evaluated to the applicable CSA standards for use in the United States under product Class 3812-81 (Fans and Blowers) and Canada under product Class 3812-01 (Fans and Blowers).

#### FEATURES:

- Integral-mounted cylindrical stainless steel filter housing and frame assembly with two wheels in a hand truck configuration.
- 1 HP, 3450 RPM, totally enclosed fan cooled motor.
- Direct drive, non-overloading blower with back curved blades, aluminum housing and wheel. Blower discharge with integral hand guard. Rated at 735 CFM @ 1" static pressure water gage (sp.wg.) and 580 CFM @ 4" sp.wg.
- Metal framed, round HEPA filter, 17" dia., rated at 500 CFM @ 1" sp.wg. 99.97% efficiency for 0.3 micron particles. Aerosol tested at 100% and 20% of rated flow.
- Prefilter, Multi-density (coarse to fine) Polyester Media, with impregnated tackifier on the outlet side, 89% average resistance (MERV 8), 17" Diameter, 2" Thick.
- Stainless steel inlet plenum with one 8" flex duct connection with roll bead.
- Stainless steel blower discharge for 8" flex duct, roll bead and slide gate for flow control.
- 0-10" sp.wg. magnehelic gage.
- Manual starter switch with thermal overload protection, 8' power cord.
- Unit is capable of operating in either the vertical or horizontal position.
- Nominal dimensions: 44" L x 20" W x 21" H. Weight: 160lbs.
- Electrical Rating: 120/230V, 12/6A, 1 phase, 60 Hz.

#### SPARE PARTS:

- [HEPA Filter - AK26](#)
- [Prefilter - AK25](#)
- [Hose Clamp, 8" - CL05](#)

NOTE: Information provided is subject to change. Please contact RPS directly for recent modifications.



SP-700 FAN CURVE

