

H-809V

High Volume Air Sampler



FEATURES

- Lightweight and compact
- Rugged construction
- Easily removable sample heads
- Individually calibrated to customer specifications
- Supplied with rotometers guard and spring loaded face guard
- Fused overload protection
- Calibration certified traceable to NIST
- NOW UL LISTED for US and CANADA

The Model H-809V is a lightweight rugged grab sampler designed specifically for heavy duty industrial applications sampling airborne particulates or combination particulates and radioiodines. The Model H-809V may be used with RAD&CO sample holders that house selected filter discs and high quality RAD&CO radioiodine cartridges. The unit may be re-calibrated using one of the RAD&CO NIST traceable Air Flow Calibrators (sold separately) to give the user a fully qualified air sampling system.

The H-809VI has a small, sintered metal exhaust diffuser and is normally used with combination filter and cartridge holders (typical flow range from 1-8 CFM). The H-809VII has a large diffuser and is normally used with 4" diameter filter holders (typical flow range from 1-30 CFM). Standard features of the H-809 series include a spring-loaded face guard which protects the switch, fuse, and flow adjust knob and a top mounted eye bolt with carrying strap.

SPECIFICATIONS

Dimensions: 8" High X 10" Wide X 7" Deep, 30.3 cm X 25.4 cm X 17.8 cm

Weight: 10.5 lbs (4.8 kg)

Power Requirement: 115V, 50-60Hz, 8 Amps, 1ø, 230V, 50-60Hz, 4 Amps, 1ø

Power Cable: Three wire cord six feet 10 Amp rating; British and European available.

Air Flow Indicator: Individually calibrated, easy reading protected rotometer.

Air Mover: Two stage turbine blower with peripheral exhaust.

Motor: One horsepower; self-cooling universal type.

ALSO AVAILABLE: Model H-809C 12/24VDC or H-809B2 with integral battery pack.



TYPICAL MAXIMUM FLOW RATES FOR VARIOUS COMBINATIONS OF FILTERS AND CARTRIDGES

Model	Filter	Cartridges				
		None	BG-300	CP-200	CP-100	GY-130
H-809VI	47mm HD-2061 (0750-02)	12 CFM	8 CFM	8 CFM	5 CFM	5 CFM
H-809VI	47mm LB-5211 (0750-36)	7 CFM	6 CFM	6 CFM	4 CFM	4 CFM
H-809VI	47mm Gelman A/E	5 CFM	4 CFM	4 CFM	3 CFM	3 CFM
H-809VI	2" HD-2061 (0750-03)	12 CFM	8 CFM	8 CFM	5 CFM	5 CFM
H-809VII	4" HD-2061 (0750-09P)	30 CFM	-	-	-	-

