

CF-1000BRL Series Brushless Motor, Portable HI-Vol Air Samplers

- **Portable, Less Than 10 Pounds**
- **Brushless Motor, 2-Stage Blower**
- **Adjustable Flow Rate**
- **Elapsed, Resettable, Electronic Timer**
- **Instantaneous Flow Reading**
- **For Continuous or Intermittent Use**
- **Maintenance Free!**

This Portable, Maintenance-Free, Variable Speed, High Volume Air Sampling System is ideal for continuous or intermittent sampling. The “CF-1000BRL” air sampler series have three flow ranges from which to choose. The standard CF-1001BRL unit includes a 1½” female straight-pipe fitting, which accepts all “CF” Series holders (excluding the CFPH-810), and is calibrated with a flow range of 2 to 8 CFM. The standard CF-1002 & 1003BRL models come with a 4” diameter paper holder which can be adapted either up or down to accept any combination or paper-only “CF” series filter holder, including the 8” x 10”. The 1002 and 1003 units come calibrated with a flow range of 8 to 28 and 15 to 50 CFM respectively. Upon ordering, please specify intended flow range if different from those listed, volumetric units (CFM or LPM) and intended filter collection media. Customized flow ranges are available upon request.

Note: Order CF-1000BRL-DIGITAL Series air sampler for Digital Flow Totalizer, Instantaneous Flow Rate Display, Min/Max Flow over sample period & Alarm/Communications Options.

-DIGITAL Series,
Digital Display of Flow
Rate, Total Volume,
& Min/Max Flow

Ordering Information

CF-1001BRL or
CF-1001BRL-DIGITAL
Flow Range: 2-8 CFM (60-230 LPM, special request) HI-VOL Air Sampler, 115VAC. Includes 1½” Female Straight Pipe Thread Inlet for “CF” series holders.

CF-1002BRL or
CF-1002BRL-DIGITAL
Flow Range: 8- 28 CFM (250-800 LPM, special request) HI-VOL Air Sampler, 115VAC. Includes 4” Dia. filter paper only holder.

CF-1003BRL or
CF-1003BRL-DIGITAL
Flow Range: 15-50 CFM (400-1400 LPM, special request) HI-VOL Air Sampler, 115VAC. Includes 4” Dia. filter paper only holder which accepts the “CF” series 8” x 10” holder.

230 Volt version of units described above.
CF-1001BRL/230
CF-1002BRL/230
CF-1003BRL/230

Motor/Pump:	Brushless, 2-Stage Centrifugal Blower.
Housing:	9” x 10” x 11½”, aluminum cabinet, primed and painted with two component polyurethane paint.
Max Flow Rate: (CF-1001BRL)	8 CFM (w/ FP2063-20) & 4.5 CFM (w/ FP5211-20)
Max Flow Rate: (CF-1002BRL)	28 CFM (w/ FP2063-102) 17 CFM (w/ FP5211-102)
Max Flow Rate: (CF-1003BRL)	50 CFM (w/ FP2063-810, 8” x 10”) 45 CFM (w/ FP5211-810, 8” x 10”)
Elapsed Timer:	Electronic, Resettable Hours & Tenths of Hours, LCD read out, 5 year internal battery. Minute timer may be substituted.
Unit Net Weight:	9.5 lbs.
Shipping Weight & Dimensions:	12 lbs., one box. 11¼” x 10” x 13¼”
CF-1000BRL-Series Power Specifications:	115 VAC, 50/60Hz., 5.0 Amp 230 VAC, 50/60Hz., 5.0 Amp
Filter Holders & Adapters:	See Filter Holders
Flow Calibrator:	See Air Flow Calibrators
Filter Paper:	See Filter Paper For Air Sampling
Filter Cartridges:	See Analytical Cartridges
Annular Kinetic Impactors:	See Size Selective Inlets