

Variable Speed Control

The Variable Speed Control is an option that allows the operator to vary the vacuum motor speed to adjust the vacuum suction. Simply turn the dial to adjust the airflow from 0 to 87 cfm, or 0 to 100% of machine power, and every increment in between.

This option is ideal for general cleaning around delicate museum artifacts, as well as rare books and manuscripts found in many libraries. Equally suitable for the pharmaceutical industry, the Variable Speed Control allows collection of residual tablet powder without disturbing the tablets.

With the added versatility of the Variable Speed Control, you can use your Nilfisk HEPA-filtered vacuum in a variety of hazardous, fine powder or general clean-up applications. It

may be used with glovebags of any size without collapsing the bag, or at 100% power it can be used for final abatement cleanup.

The Nilfisk Variable Speed Control can be easily retrofitted to most Nilfisk GM-series, 120 volt vacuums with mounted exhaust filter.*

**May only be used in conjunction with external HEPA or ULPA filter.*



Ideal for gentle cleaning, the GM 80 with Variable Speed Control preserves rare books for generations to enjoy.



This unique speed control unit may be installed on most Nilfisk HEPA vacuums for a variety of applications.



 **Nilfisk
Advance**
setting standards

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SPECIFICATIONS

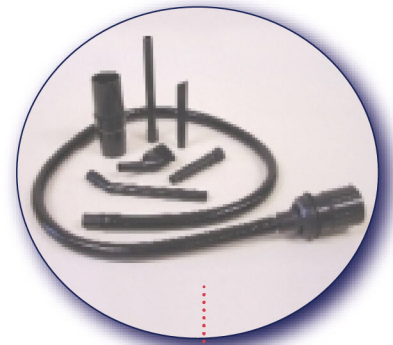
GM 80 WITH VARIABLE SPEED CONTROL

Motor type, grounded		GSPJ	Tank capacity	gallons	3 1/4
Voltage @ 60 Hz.	volts	110-120	Paper bag capacity	gallons	2 1/4
Current draw	amps	0 to 6.6	Filter area**	sq. ft.	10 1/4
Power	watts	0 to 800	Dimensions (w x h)	inches	12 x 16
Waterlift*, max.	inches H ₂ O	0 to 92	Weight without accessories	lbs.	11
Airflow, max.	cfm	0 to 87	Sound level @ 6'6"	dB(A)	up to 59
Air performance	air watts	0 to 250			

FEATURES & BENEFITS

GM 80 WITH VARIABLE SPEED CONTROL

-  In the first stage of separation, a 2 1/4-gallon capacity disposable paper bag captures the bulk of collected debris.
-  Extra-large main filter ensures a steady, even airflow which extends filter life and eliminates premature clogging.
-  The optional microfilter, a final step in pre-filtration, protects the motor and acts as a barrier to even bacteria-size particles.
-  HEPA (High Efficiency Particulate Air) filter ensures that 99.97% of all ultrafine particles, toxic and nuisance, are retained – down to and including 0.3 microns.
-  Motor thermal protection device prevents overheating caused by failure to keep filters clean or by accidental blockage in a nozzle or hose.
-  Ball-joint couplings give 360° freedom of movement without hoses splitting and cracking, while eliminating knots.
-  Heavy-duty trolley adds mobility. Glides over all surfaces. Detaches for use on work benches.
-  Variable speed control allows adjustment of motor power from 0% to 100% and fits onto most GM Series vacuums' external HEPA filter housings.



The optional micro-tool kit enables even the most minute crevices to be cleaned.

STANDARD ACCESSORIES

- Detachable trolley
- Paper bags
- Crevice cone
- 6'6" plastic hose
- 30' cord
- 5" upholstery nozzle
- Two straight steel wands
- 3" round brush
- Combination floor nozzle

OPTIONAL ACCESSORIES

- HEPA or ULPA[†] exhaust filter
- 220V available
- Microfilter
- Micro-tool kit
- GORE-TEX[®] main filter

* With pressure relief valve inactive.

** Filter area includes paper bag, main filter, microfilter, HEPA.

† ULPA - Ultra Low Penetration Air - Retains 99.999% at 0.12 microns.

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