

# Camvac

Industrial vacuums and dust extractors

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## Camvac Operating Instructions

### GV386 / GV486 2.5" inlet standard configuration Twin or Triple Motor

#### Unpacking Your Vacuum

The GV386 / GV486 vacuum is shipped in one carton.

Additional to the machine in the carton will be ( if ordered ) either a standard tool kit or full tools kit. 1 x 2.5" Standard Tool Kit (includes 1 x 2.5" diameter x 2.5m Long Flexible Hose, 1 x Extension Tubes (pair), 1 x Utility Nozzle (square tool) and 1x Crevice Tool. A 2.5" Full tool kit comprises of a 2.5" standard tool kit plus 1 x 2.5" floor tool and 1 x 2.5" round dusting brush.



2.5" Standard tool kit



2.5" Full tool kit

#### Setting Up Your Vacuum

Since the unit comes completely assembled, it is very simple to put into operation. The following steps should be taken after unpacking:

1. Ensure that the elasticated drum filter is in place around the top lip of the drum.
2. Replace lid and lock with toggle clamps.
3. Slip flexible hose into the intake opening.
4. Your vacuum is ready for use.

#### Chassis or Trolley

The GV386 / GV486 is available as a static unit, with castors, or as a mobile trolley mounted unit with the capability of having a outrigger brush attached.

If you have specified a static unit the machine will be supplied as a free standing unit.

If you have specified a chassis mount then the chassis will arrive with the machine, mounting of the chassis to the vacuum unit is simply a matter of removing the vacuum head unit of the machine, inverting the waste drum, locating the chassis into the recess of the drum and adjusting the locking screw so as to expand the chassis ring on to the drum base.



Chassis shown installed on vacuum

The trolley mount comes complete with 1 locking hoop that encircles the drum and bolts directly to the trolley uprights ensuring complete security of the drum to the trolley.



Drum located on trolley



Hoop locked with nut and bolt

### Motor

The vac motor supplied is a highly efficient, ball bearing type design for intermittent use and **DRY** pick up only. Standard rating is for 220/240V, operating on a 50/60 cycles AC/DC supply and developing 1.3 HP/ 1100w. Each motor is rated at 1kw and although designed for continuous use will require to be turned off for about 10 minutes every 3 hours. Motors are switched via a rocker switch mounted on the black switch enclosure on top of the vacuum head, switch illumination indicates motor activation. Fuse ratings are as follows: - 2000W ( twin motor ) = 9 or 10 amp, 3000w ( triple motor ) = 13amp

### Important Filtration

Camvac machines are equipped with full 3-stage filtration to 0.5 microns, efficiency of the vacuum system is completely dependent on the three air filter bags. This unit is supplied with a cloth filter bag over which is fitted a paper bag secured by an elastic band. The third filter fits round the edge of the drum.

The two cloth filters, which are washable (cold water wash), should be shaken out at regular intervals.

The paper bag **must** be changed regularly to avoid clogging and consequent overheating and damage to the motor, the replacement of these bags is entirely dependant on the soiling being collected, a good indicator of replacement is when a fine layer of dust is present on the filter bag or in the absence of any visible indicators every 2 or 3 bag empty's. This is particularly important when fine materials such as flour, soot, fine wood dust etc. are being handled. The motor must not be started without checking the cloth and paper filter bags are in position and clean. Replacements are available from Camvac at the above address.



Vacuum head removal



Drum filter removal



Paper filter removal



Motor filter removal

Reverse removal procedure to install

### **Parts and Accessories**

Accessories and replacement parts are available upon request.

### **Hose length and accessories**

Camvac do not advise the increase in length of inlet hose to more than 2 times the standard hose length (2.5 metres). Camvac machines are used in a wide variety of applications and guidance cannot be given which covers every eventuality. If you find that you have a particular application and requires either a reducer, adaptor or extra length hoses please do not hesitate to contact the office for clarification as to the acceptability of this adaptor to the Camvac machine.

### **Warranty**

Repairs or parts replacement made necessary because of misuse, normal wear or unauthorised service are not covered under warranty. To take advantage of this warranty, return the complete vac unit to Camvac. The warranty is good for one year and no other guarantees, written or verbal, are authorised on our product.

### **Important**

Check the paper filter bags each time you use the vac. The bag must be kept clean if your vac is to work efficiently. Failure to follow the operating instructions could invalidate your guarantee.