

## Sub-Micronic Canister Filter 1/4" NPT

Brand: **Motor Guard Corporation**

Product Code: **M30**



### Sub-Micronic Canister Filter 1/4" NPT

Motor Guard M30 Sub-Micronic Canister Filter with 1/4" Bottom Entry Inlet & Outlet, supplied with wall bracket kit.

A high efficiency, remote mount, oil aerosol removal filter for the fine-filtration of compressed air. It will remove oil aerosols, condensed moisture, smoke, rust and scale particles. The inlet and outlet ports of the filter canister are 1/4" and the canister is designed for use with flexible air hose in conjunction with a remote bracket mount.

The filter unit takes replacement element M-723. The M-723 element is a roll of absorbent, high-wet-strength cellulose fibres wound on a moisture stable polyethylene core.

Port Size 1/4" NPT

Max. Flow @ 5.5BAR 1274L/Min 45cfm

Max. Pressure 8.6BAR 125PSI

Max. Temperature 79°C

Removal Rating 0.01microns

These compressed air filters utilise the dual compression concept and are designed to remove oil aerosols, smokes, condensed moisture and sub-micronic solid particles from compressed air and vacuum lines.

They provide high efficiency filtration with high flow rates and an acceptable pressure drop in a small, compact housing. Their efficiency is illustrated by the fact that you can manually blow through the unit without difficulty, but the air will not pass tobacco smoke.

The filters should be installed to supplement rather than replace any existing moisture traps, dryers and filters in the air lines.

The conventional equipment should remove most of the moisture and solid contaminants above certain specified size and the Motor Guard filter will remove a high percentage of the remaining condensed moisture, oil aerosols and sub-micronic particles from the air.

Applications for Motor Guard filters include the following:

- \* Plasma cutting systems

- \* Spray painting shops
- \* Pneumatic controls
- \* Air drying
- \* Food processing
- \* Instrumentation systems
- \* Air bearings
- \* Circuit board manufacture
- \* Plating solution agitation
- \* Magnetic tape drives
- \* Fluidic controls
- \* Gas chromatography