



MULTIPLE SLEEVE COLLECTOR/FILTER OPERATION & INSTALLATION INSTRUCTION



INTRODUCTION

The Multi Sleeve Collector (“MSC”) was developed by ibis International to give a reliable but economical solution to your application requiring both dust/fiber collection and air filtration. The MSC is a passive type manual filter with no moving parts or power requirements.

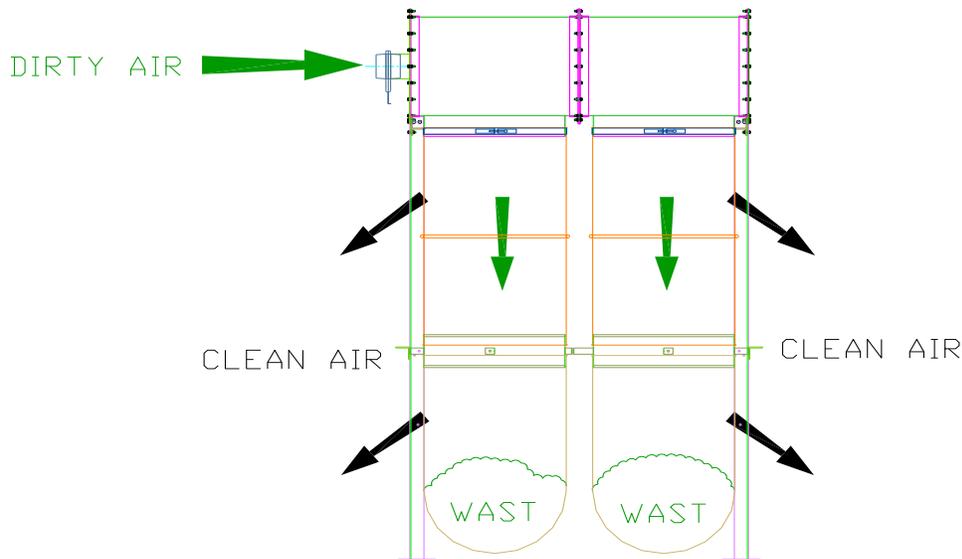
The “MSC” is shipped mostly assembled for easy shipping and field installation. Completion of assembly requires attaching the internal sleeve/bags and ductwork from the dust source.

THEORY OF OPERATION

The MSC design allows for one-stage filtration of particulate carried by an air stream (see Fig. 2) (The air and particulate are conveyed to the MSC by a fan). A filter sleeve provides filtration and/or collection of particulate. The filter is normally a woven or knitted filter fabric. The type fabric will vary to suit the application.

The captured particulate will be stored in a plastic or woven bag below, depending on the model type or configuration. The conveying air passes through this primary bag/sleeve then flows into the room.

PARTICULATE REMOVAL: (see Fig. 2)



OPERATION/MAINTENANCE

FILTER BAG/SLEEVE CHANGE

All MSC Series filters have a bag or sleeve held in place by a steel holding band. Simply release and put on a new bag or sleeve. You will want to keep a spare bag/sleeve in stock. Ibis offers various types of fabrics, sleeve hoops, special collars, bands etc. for different applications.

INSTALLATION/ASSEMBLY

1. Read instructions completely then check your shipment for missing or damaged parts.
2. Move equipment to the installation area prior to assembly. Do not tighten bolts until assembly is complete.
3. Take the MSC components and place on floor. Secure the legs to the bottom of the MSC. Legs on the MSC will vary with the application.
4. Install the primary filter bag(s) or sleeve(s).

5. The main system fan may now be positioned and duct connected from the process. In some cases, a fan support stand (FSS) will be included to facilitate ducting.
6. If a static pressure kit was provided, install now.
7. Electrical controls (option) for the fan motor should now be installed and wired. Prior to actually operating the MAC and fan with your production process, check fan rotation and measure the actual amperes used by the motor.
8. Sealer/caulking is supplied and should be used as required to provide maximum protection from dust leakage.

SPARE PARTS

When ordering spare parts give complete information to include:

1. Part number if applicable.
2. Description of part including size.
3. Quantity.
4. MSC type, Model, Serial Number, etc.
5. Address and method of shipment.
6. Purchase Order number.

TYPICAL SPARE PARTS LIST:

1. Filter bag or sleeve (specify type fabric, length & diameter).
2. Bag or sleeve holding band.
3. Collection bag holding band.
4. Collection bags (plastic). Contact factory for other materials.
5. Sleeve center "Hoop" (your sleeve must have hoop loops).

HAVE A PROBLEM? NEED PARTS OR SERVICE?

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