

MISTKOP

Eliminates Oil Mists



Returns clean air to the workplace,
reclaims costly lubricants

Nothing Does It Better

Simple In Design Highly Efficient In Operation Services 1 To 6 Machines



Mist and fog is drawn into the collector by the motor exhaustor, passing through a specially compressed fiberglass filter that condenses the mist, allowing clean air to return to the workplace. Pipe spout on the collecting pan permits return of condensate to reservoir, sump or to waste. Filters seldom need to be replaced at intervals more often than 6 to 12 months. In the standard configuration (motor/fan on top of filter body), filter is replaced by loosening quick action "Z" style suspension lugs, and lifting off the fan/motor section. The filter is quickly accessed by loosening six wing nuts at the top of the clamping rods.

Where Mistkops are suspended from above, the filter assembly is lowered from the fan/motor section.

On "U" models, immediate access to the filter cartridge is accomplished by removing six wing nuts, and lifting off entire top. No tools are required. Filters can be changed in minutes.

Secondary filters available to trap smoke and sub-micron particles



FM-1

Secondary filter eliminates heavy smoke as well as super fine mists in the sub-micron range. An exhaust shell is usually not required. Due to added resistance of the ultra fine filter media, collectors are often equipped with the next size larger filter, i.e. for VCS-2 or VCS-2U use VCL size filter. (See our representative for further information).



HEPA Filter

A second stage HEPA filter can be joined to any size Mistkop with the special plenum shown above. Plenum is designed for minimum resistance to flow of air. Also available to accommodate two 24 x 24 filters for higher air handling capacity of the VC-51 Mistkop.



**Exhaust Shell
for exterior discharge**

To exhaust fumes, gases or other contaminated air to the outside (or any controlled area), a solid exhaust shell is used. Available for any size Mistkop. Keeps air friction loss to a minimum. Auxiliary fans not required except for long pipe runs.

ter Than MISTKOP



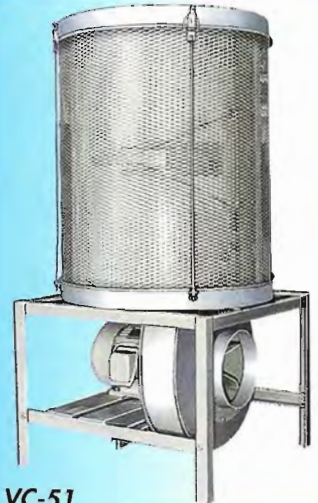
VCS-2



VCM-2



VCL-3



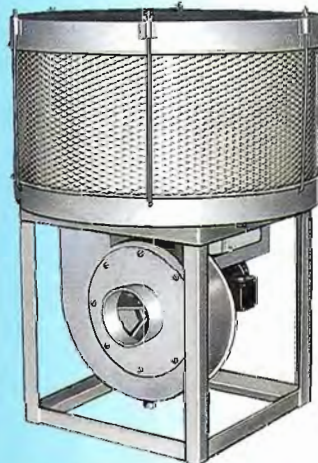
VC-51

MISTKOP Model & Size	Shipping Wt. Lbs.	HP	Inlets Optional	Recommended Operating Range (CFM)	Static Pressure	Typical Machines Handled		
						Screw Machines	Thread Grinders	Centerless Grinders
VCS-2 - 27 1/2" dia. 27 1/4" ht.	94	1/3	single 5" double 4"	300 to 350	to 2"	1	1	1
VCM-2 - 27 1/2" dia. 33" ht.	115	3/4	single 5" double 4"	400 to 700	to 5"	1	1	1
VCL-3 - 27 1/2" dia. 44" ht.	190	2	single 6" double 5"	400 to 1000	to 8"	2	2	2
VC-51 - 28" x 28" 56 1/2" ht.	390	5	single 10" single 8"	800 to 2200	to 9.2"	4 or 5	4 or 5	5 or 6

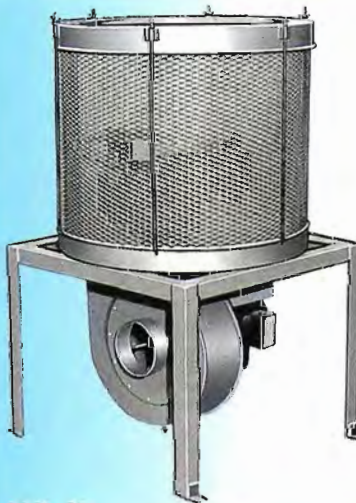
Eight Models To Choose From



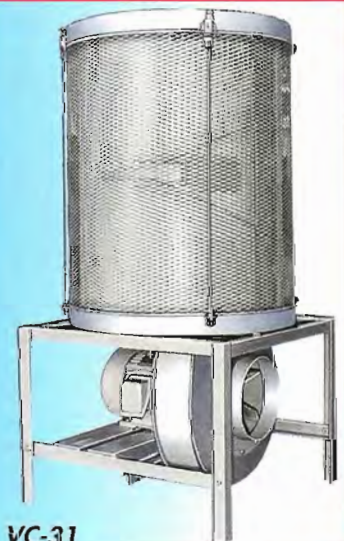
VCS-2U



VCM-2U



VCL-3U



VC-31

MISTKOP Model & Size	Shipping Wt. Lbs.	HP	Inlets Optional	Recommended Operating Range (CFM)	Static Pressure	Typical Machines Handled		
						Screw Machines	Thread Grinders	Centerless Grinders
VCS-2U - 27" dia. 32" ht.	115	1/3	single 5" double 4"	300 to 350	to 2"	1	1	1
VCM-2U - 27" dia. 36" ht.	133	3/4	single 5" double 4"	400 to 700	to 5"	1	1	1
VCL-3U - 27" dia. 46" ht.	240	2	single 6" double 5"	400 to 1000	to 8"	2	2	2
VC-31 - 28" x 28" 56 1/2" ht.	320	3	single 7" single 8"	700 to 1800	to 6"	3	3	3

The four Mistkops shown above are designed with mounting base so that they can be placed directly on top of the machine, resulting in shorter ductwork and increased efficiency. Floor mounting is also possible. Ease of filter replacement is improved.

Large Machining Centers ...

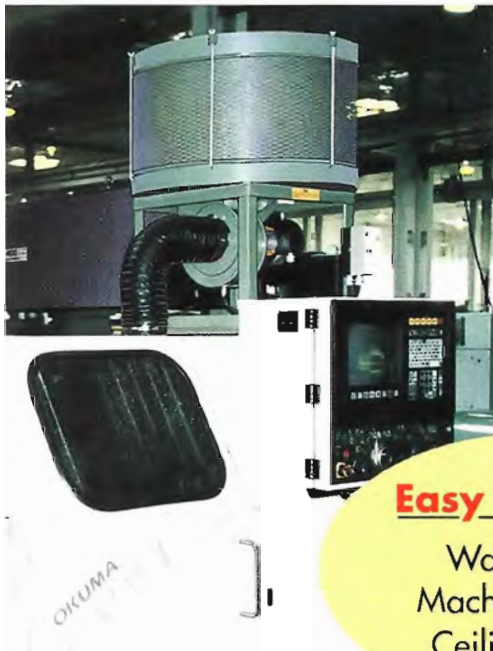


These Mistkops, installed in a large machining department, are wall mounted to conserve space, yet easily accessible for filter changing.



VCI-3-SP Mistkops service a number of large machining centers and, in this installation, are ceiling mounted for convenience when changing filters is required.

...or small ones



Easy to Install

Wall Mount
Machine Mount
Ceiling Mount

In this installation, the Mistkop is mounted directly to the top of the CNC lathe, and features an inverted fan/motor assembly directly underneath the filter section.



Photo (left above) shows a Mistkop VCM-2 with inverted fan/motor assembly mounted directly to an automatic parts washer. Machine mounting where practical, reduces ductwork and hood costs, while increasing collector efficiency.

Photo at right, shows ceiling mounted Mistkop, VCM-2 with ductwork and hood running to machine serviced. Note easy access for filter replacement.

