

TORIT MIST COLLECTORS

MC 1000

WET-MACHINING POLLUTION CONTROL

The TORIT MC1000 is designed to control water-soluble and petroleum-based mists generated by your production operations. It's a maximum-efficiency system that helps eliminate in-plant moisturization from floating mists that cling to walls, ceilings, floors, and equipment. It can help solve maintenance problems generated by wet-machining operations, as well as improving work safety conditions.

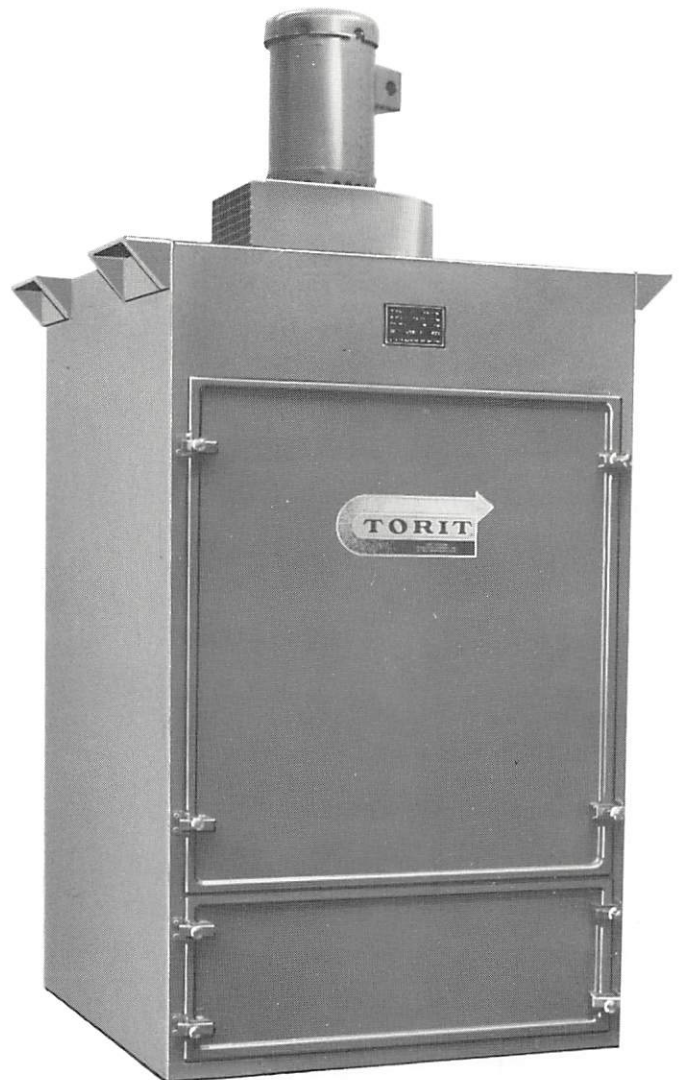
TWO-STAGE FILTRATION

The MC1000 offers mist filtration in two stages. The first stage consists of a wire mesh filter, measuring 24" x 24" x 2", for stopping chips and large mist droplets. The mist collector inlet is positioned so that air enters parallel to the filter. The air flow must turn 90° to move through the filter, which allows for more complete filtration than a common straight-flow type. The medium is completely washable. The second stage is composed of a fiber-glass filter, providing 103 square feet of filtering area. These pleated filters stop solid particles, or liquid droplets, which then drain to the bottom of the mist collector for easy disposal or reclamation. An optional third stage, composed of HEPA filters, is available for 99.97% efficiency on particles as small as 0.30 micron.

FLEXIBLE AND COST-EFFECTIVE

The TORIT MC1000 offers space-saving adaptability, which allows unit mounting on wall, ceiling, or overhead beam. Legs for floor installation are available as options. The MC1000 is delivered pre-assembled, ready for immediate installation. Each unit features air- and water-tight closure. A sloped bottom allows full recycling of coolants, if desired, by connecting the 3/4" drain directly to the machine coolant system.

Recycling of useable coolants, as well as the ability of recirculating clean, filtered air discharged by the mist collector, offers you a cost-effective system of wet-machine pollution control. With equipment and plant maintenance savings, and efficient filtration, the MC1000 represents another effective solution to in-plant pollution problems, from TORIT.

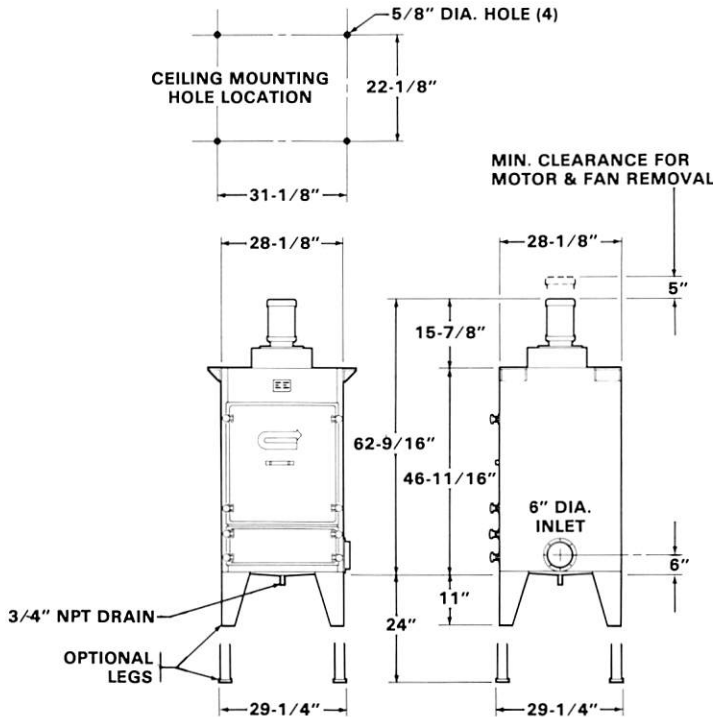




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DIMENSIONAL DRAWING



OPTIONAL EQUIPMENT

- HEPA filter for third-stage filtration.
- Optional unit legs, 11 and 24 inch legs.
- Sound attenuator packages.

SPECIFICATIONS

First Stage Filter Medium . . . Wire Mesh
 Quantity 1
 Dimensions 24" x 24" x 2"

Second Stage Filter Medium . . Fiber-glass
 Quantity 1
 Dimensions 24" x 24" x 30"
 Filter Area 100 sq. ft.

Height 63 1/2" w/o legs
 Length 28 1/4"
 Width 28 1/4"
 Inlet Velocity (F.P.M.) 5374
 External Static Pressure 4.4"

Motor 3 HP, 230/460/60/3
 TEFC

Air Volume 1000 SCFM
 Housing Rating ± 15" H₂O
 Shipping Weight w/Blower . . 405 lbs.

Specifications subject to change without notice.

NOTES

- Inlet sizes available in 1-inch increments from 6" to 8" ID. Please specify.
- Allow 5" minimum clearance for motor and fan removal.
- All TORIT Mist Collectors have smooth blue finish.
- Please state in-plant line voltage when ordering.

PERFORMANCE TESTED

Performance ratings and A-scale sound level readings are available on each mist collector system. All ratings are read and verified under standard test conditions in TORIT's laboratories.

TORIT district sales representatives are conveniently located throughout the United States and Canada. One will gladly work with you on your in-plant air pollution problems, and offer complete recommendations at no obligation to you. Check your Yellow Pages, under "Dust Collecting Systems," for local listing, or write.



Donaldson Company, Inc.
 Torit Division
 P.O. Box 1299
 Minneapolis, Minnesota 55440
 Phone (612) 887-3900

LEADERS IN CONTROL OF IN-PLANT AIR POLLUTION