



Model : MT-1251
Commercial/Industrial Air Cleaner

Optimum Flowrate and Low Noise

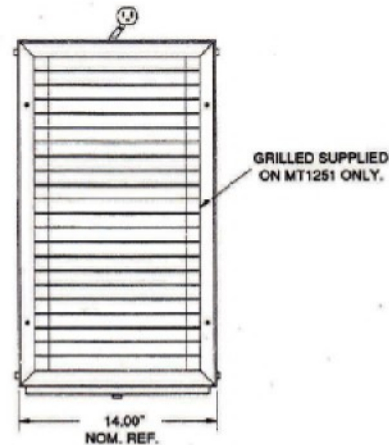
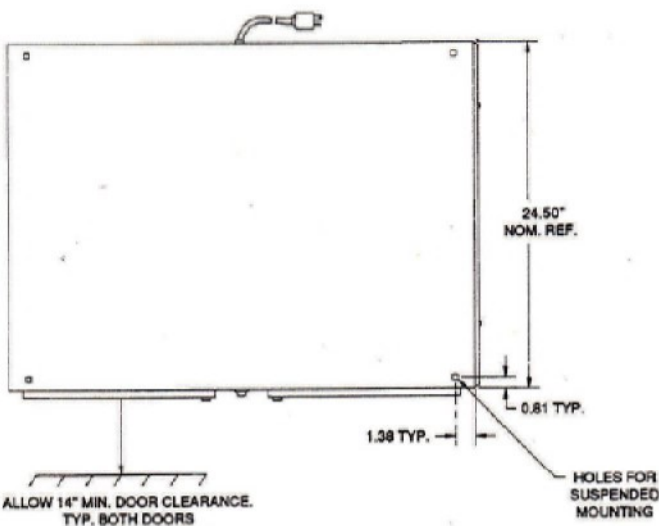
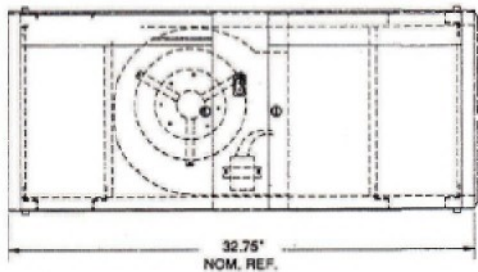
- Center mounted blower

Customizable Filtration

- Side loading, easy filter access

High Flow Rate

- 500 - 1000 CFM



Manufactured by:

E.S.T. TRADING CO., LTD.

431 MOO 2 ROJANA RD., TAMBOL SAMRUAN, AMPHUR BANGPA-IN, AYUTTHAYA 13160

THAILAND Tel. +66 (0) 35-331-422 Fax. +66 (0) 35-330-311

SPECIFICATIONS – MODEL MT-1251

Overall Dimensions ; 14"hx24-1/2"wx32-3/4"1

Weight :

MT 1251 H -110 lbs. actual ; 120 lbs. shipping.

MT 1251 H/C -120 lbs. actual ; 130 lbs. shipping.

MT 1251 C -130 lbs. Actual ; 140 lbs. shipping

Cabinet : Welded galvanized steel with exterior surfaces ground smooth.

Finish : Attractive storm gray textured baked enamel, inside and outside. Blends in nicely with any décor.

Prefilter : 14"x24"x1" foam mesh prefilter.

Main Filter Options :

- MT 1251 H : 2 each 12"x24"x4"95% efficient (MERV 14) Geopleat Box Type filter.
- MT 1251 H/C : 1 each 12"x24"x4"95% efficient (MERV 14) Geopleat Box Type Filter, and 1 each 12"x24"x6" Refillable Charcoal Module with 8 lbs. of coconut-shell charcoal.
- MT 1251 C : 2 each 12"x24"x6" Refillable Charcoal Module with 8 lbs. of coconut-shell charcoal per module. (16 lbs. total material.)
- MT 1251 5S : 5 stages filtration with 1 each 1" foam prefilter, 1 each 25%-30% efficient (MERV8) 2" extended surface pleated filter, 1 each 12"x24"x4"95% efficient (MERV 14) Geopleat Box Type filter, 1 each 12"x24"x6" Refillable Charcoal Module and 1 each foam afterfilter.

After filter : 12"x24"x1" foam mesh afterfilter.

Filter Access : Side load through two removable doors.

Air Flow : Horizontal from right to left, or left to right.

Throw : 35' with 100 fpm terminal velocity.

Motor : Three-speed, 1/3 hp. Single-phase, 220 volt, 50 Hz, ball-bearing motor, thermally protected, maximum 1.9 amps.

Blower : Direct drive, 9-7T blower, 9" diameter, 7" wide, 1725 rpm.

Air Volume : 500-1000 CFM*.

Electrical : 220 volt, 50 Hz, single-phase.

Controls : Two-speed rocker switch.

Addition Standard Features :

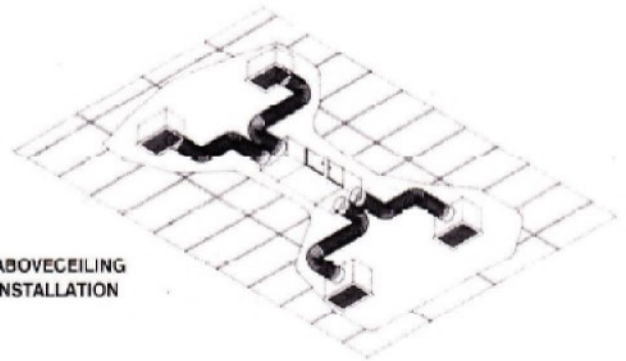
- Adjustable screws for sealing HEPA filter and/or charcoal module.
- Removable doors for easy access to filters.
- Captive weld nuts for hanging on top and bottom. Of cabinet.

Options :

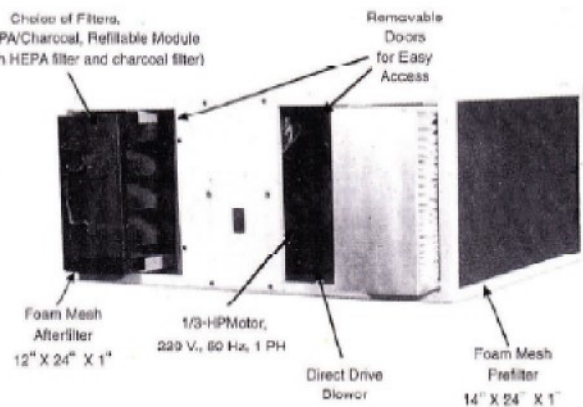
- 95% Dop or 99.9% Dop HEPA Filtration.
- ZK6 special gas adsorption media or others.
- Self supported Flexible arm or duct type.
- Remote control wall-mount switch.

Warranty : limited one year warrantry from date of installation on all replacement parts due to faulty workmanship and materials.

* at Nominal



ABOVE CEILING
INSTALLATION



HOW IT WORKS



Polluted air flows through a foam mesh prefilter. This effectively removes the large particles. Next the air passes through the main filtration system. This portion contains the primary filter media. It can be a high efficient, HEPA filter, charcoal module, or a combination. This system captures minute particles of airborne impurities and absorbs gases and odors. The air finally passes through a foam mesh afterfilter and then is discharged, pollution free, into the environment.

Note:

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