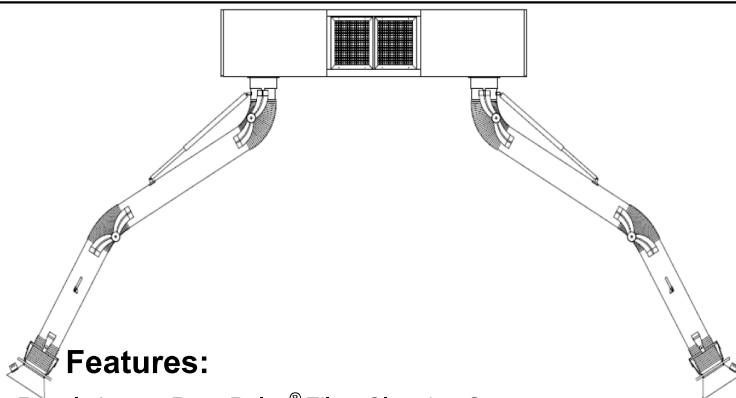


Model MC2500 Specifications and Technical Data

TYPICAL APPLICATIONS

Source Capture Of:

- Welding Smoke and Fumes
- Grinding Dust
- Other Dry Dusts

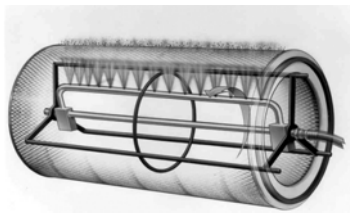


Features:

- Revolutionary Roto-Pulse® Filter Cleaning Systems
- Externally Supported Arms For Better Airflow and Ease of Adjustment
- Modular Design-One or Two Modules, Up To Four Arms
- Up to 1200 CFM Per Arm
- Quiet Operation
- TEFC Motor
- Fire Retardant Cartridge Filters
- Vortex Air Flow Pattern

How It works RotoPulse® Cleaning System

Roto-Pulse® provides for a much better cleaning of the cartridges. The air is pulsed into a specially designed aluminum rotating tube with pre-drilled holes. As the air enters this tube, the force of the pulse causes the tube to rotate. While spinning, air exits the pre-drilled holes. The result is that air hits all of the inside of the cartridge, pulsing dirt particles away from the filter for a much more efficient cleaning cycle.



Options:

- Silencer.
- Optional HEPA, Carbon or Purasorb Afterfilter Module.
- Cartridge Filter Options - 80/20 Blend, Spunbond, Treated Spunbond, Nano-Fiber
- Remote Start / Stop
- Remote Mount Arms

Specifications

OVERALL DIMENSIONS: ONE FILTER MODULE 20" H X 36" W X 68" L
TWO FILTER MODULES 20" h X 36" W X 104" L

WEIGHT: 500 LBS(SINGLE FILTER MODULE)
720 LBS(DOUBLE FILTER MODULE)
CONSULT FACTORY FOR ARM WEIGHTS

CABINET: 16 GAUGE WELDED GALVANEAL STEEL WITH EXTERIOR SURFACES GROUND SMOOTH.

FINISH: INDUSTRIAL GRADE TEXTURED BAKED CRIMSON RED ENAMEL PAINT INSIDE AND OUT.

FILTRATION: TWO EACH, HIGH EFFICIENCY FIRE RETARDANT CARTRIDGES PER MODULE. EACH FILTER HAS 174 SQ. FT. OF MEDIA, 348 SQ. FT. TOTAL. DUAL MODULE 696 SQ. FT. TOTAL

ROTO-PULSE CLEANING SYSTEM: UNIQUE ROTATING TUBE WITH PRE-DRILLED HOLES. AS AIR IS PULSED INTO THE TUBE, IT ROTATES AND AIR EXITES THE PRE-DRILLED HOLES. THIS COMBINATION PROVIDES A HIGHLY EFFICIENT AND TOTAL CLEANING OF THE CARTRIDGE.

FILTER ACCESS: END LOAD THROUGH HINGED DOOR FOR EASY ACCESS.

ARM OPTIONS: 6" AND 8" DIAMETER, 7', 9' OR 12' IN LENGTH. SINGLE, DUAL, TRIPLE OR QUAD ARM CAPABILITY. HALOGEN LIGHT IN HOOD STANDARD. FULL 360 DEGREE ROTATION AT BASE.

MOTOR: SINGLE SPEED, 5HP, 3-PHASE, 208/230/460V, 60 HZ, TEFC MOTOR, MAXIMUM 15.0 AMPS(7.5 AMPS 460V). DUAL SHAFT WHEN DUAL FILTER MODULES ARE ORDERED.

BLOWER: 12.5" DIAMETER, BACKWARD INCLINED IMPELLER WHEEL(S). AIR VOLUME: 650 CFM PER 6" ARM. 1200 CFM PER 8" ARM. NOMINALLY RATED. CONSULT BLOWER CURVES FOR DETAILS.

FILTER CHANGE INDICATOR: MAGNAHELIC GAUGE.

ELECTRICAL: 208-230/460 VOLT, 3-PHASE, 60 HZ. MAXIMUM 15.0/7.5 AMPS. UNIT ON/OFF AND LIGHT ON/OFF SWITCHES ARE 12/24 VAC FOR OPERATOR SAFETY. MOTOR STARTER AND OVERLOAD RELAY EQUIPPED STANDARD.

NOISE LEVEL: 75 DBA MEASURED 6' FROM THE EXHAUST GRILLE.

CONTROLS: ALL CONTROLS HOOD MOUNTED FOR EASY OPERATION.

Specifications subject to change without notice.