Model OM3510
Specifications and Technical Data

**TYPICAL APPLICATIONS**

Source Capture of:
- Oil Mist
- Welding Smoke
- Dry Dusts
- Odors and Vapors

**Features:**
- Special Oil Mist Filters
- Up to Four-Stage Filtration
- Side Load, Easy Filter Access
- Filter Change Light Or Magnahelic Gauge
- Cam-Lock Positive Filter Sealing
- Heavy-Duty Blower
- Positive Sealing Cabinet
- Full Range of Options

**Options:**
- Silencer.
- 24" x 24" x 12" Refillable Modules Which Will Hold 40 Lbs. of Charcoal.
- 95% or 99.97% DOP HEPA Filter.
- High Static Pulley Options.
- Side Exhaust Capability.
- Motor Controls for 3 Phase Units

**Specifications**

**OVERALL DIMENSIONS:** 81" H X 26" W X 26" D—ADD 24" FOR STAND HEIGHT

**WEIGHT:** 300 LBS ACTUAL; 340 LBS SHIPPING

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

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

**PREFILTERS:** 24" X 24" X 2" BAFFLE-TYPE IMPINGER AND 24" X 24" X 2" ALUMINIUM MESH FILTER. OTHER OPTIONAL PREFILTERS ALSO AVAILABLE.

**STANDARD PRIMARY FILTER:** 24" X 24" X 32" 10 POCKET 95% AVERAGE EFFICIENCY OIL MIST BAG WITH 107 SQ. FT. OF MEDIA. ALSO AVAILABLE IN 65% OR 95% AVERAGE EFFICIENCY CONFIGURATIONS. OTHER OPTIONAL FILTERS AVAILABLE.

**FILTER ACCESS:** SIDE LOAD THROUGH HINGED DOOR FOR EASY ACCESS.

**EXHAUST:** MODULAR DESIGN ALLOWS BLOWER MODULE TO BE TURNED IN ANY DIRECTION. 4 WAY ADJUSTABLE GRILLE IS STANDARD.

**MOTOR:**
- SINGLE SPEED, 3HP, 3-PHASE, 208/230/460V, 60 HZ, TEFC BALL BEARING MOTOR, MAXIMUM 8.6 AMPS/4.3 AMPS 460V
- SINGLE SPEED, 2HP, 3-PHASE, 208/230/460V, 60 HZ, TEFC BALL BEARING MOTOR, MAXIMUM 6.2 AMPS/3.1 AMPS 460V
- SINGLE SPEED, 1 1/2 HP, 3-PHASE, 208/230/460V, 60 HZ, TEFC BALL BEARING MOTOR, MAXIMUM 4.6 AMPS/2.3 AMPS 460V
- SINGLE SPEED, 1 1/2 HP, SINGLE PHASE, 120V, 60 HZ, TEFC BALL BEARING MOTOR, MAXIMUM 17.2 AMPS.

**AIR FLOW:** CONSULT BLOWER CURVES FOR SPECIFIC CONFIGURATIONS.

**BLOWER:** BELT DRIVEN 12.9 BLOWER.

**PULLEYS:** LOW, MEDIUM OR HIGH STATIC PULLEY COMBINATIONS ARE AVAILABLE. CONSULT BLOWER CURVES FOR PERFORMANCE.

**FILTER CHANGE:** FILTER CHANGE LIGHT OR MAGNAHELIC GAUGE.

**ELECTRICAL:** DEPENDING ON MOTOR, 120V, SINGLE PHASE, 60 HZ OR 208/230/460 V, 3-PHASE, 60 HZ. OPTIONAL 575V ALSO AVAILABLE.

**NOISE LEVEL:** 70 DBA MEASURED 6’ FROM THE EXHAUST GRILLE.

**CONTROLS:** WIRING EXTENDED THROUGH CABINET FOR EASY HOOKUP BY ELECTRICAIN ON ALL 3-PHASE UNITS. SINGLE PHASE, 120 V MODELS COME STANDARD WITH 10’ POWER CORD AND ON/OFF TOGGLE SWITCH.

Specifications subject to change without notice.

*All efficiencies are per ASHRAE 52.76.*