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# RANGE BOSS

SPECIFICATIONS AND TECHNICAL DATA

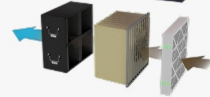
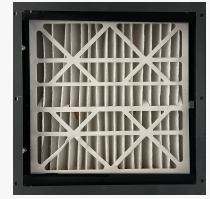
## STANDARD FEATURES:

- 2,000—3,500 CFM -DEPENDING ON OPTIONS SELECTED—CONSULT FAN CURVES
- BELT DRIVEN—BLOWER
- SIDE LOAD. EASY FILTER ACCESS
- FILTER CHANGE LIGHT OR MAGNAHELIC GAUGE
- CAM-LOCK POSITIVE FILTER SEALING
- FULL RANGE OF OPTIONS

## OPTIONS:

- 1 1/2 OR 3 HP MOTOR OPTIONS
- WRAP-AROUND PREFILTER MODULE
- 99.97% DOP HEPA FILTER
- 24" X 24" X 12" REFILLABLE MODULES— WITH UP TO 80 LBS OF CAR-BON
- MULTIPLE PRE-FILTER OPTIONS · MULTIPLE FILTER OPTIONS
- OIL IMPINGER / OIL DRAIN KIT FOR MIST COLLECTION

- MULTIPLE MOUNTING OPTIONS AVAILABLE
- PULLEY OPTIONS FOR LOW, /MED./ HIGH STATIC APPLICA-TIONS
- SOURCE CAPTURE MODULE WITH ONE, TWO OR THREE INLETS
- MOTOR CONTROLS FOR 3-PHASE OPER-ATION
- EXHAUST OPTIONS— STRAIGHT/ FRONT/REAR
- SILENCER FOR STRAIGHT EXHAUST



## TYPICAL APPLICATIONS:

- AMBIENT DUST OR MIST CAPTURE
- SOURCE CAPTURE PROCESS DUSTS & MISTS · WELDING SMOKE & FUMES
- GRINDING / SANDING / POLISHING METALWORKING / COMPOSITES
- OTHER NUISANCE DUSTS GENERATED IN INDUSTRIAL PROCESSES

## HOW IT WORKS:

POLLUTED AIR FLOWS THROUGH A PLEATED OR FOAM PREFILTER, EFFECTIVELY REMOVING THE LARGER PARTICLES OF THE POLLUTANT.

NEXT THE AIR PASSES THROUGH THE MAIN FILTRATION SYSTEM. THIS PORTION CON-TAINS THE PRIMARY FILTER ME-DIA, A BAG FILTER, HEPA FIL-TER, CARBON MODULE OR A COMBINATION. THIS SYSTEM CAPTURES MINUTE PARTICLES OF AIRBORNE IMPURITIES AND ABSORBS GASES AND ODORS. THE DISCHARGED AIR IS THEN POLLUTION-FREE.

## RB3510 SPECIFICATIONS:

### OVERALL DIMENSIONS:

26" H X 26" W X 69.5" L NO SILENCER 26" H X 26" W X 93.5" L W / SILENCER

### WEIGHT:

268LBS ACTUAL WEIGHT \*300 LBS SHIPPING WEIGHT

WEIGHT VARIES DEPENDING UPON OPTIONS SELECTED

### CABINET:

HEAVY DUTY 16 GA. WELDED GALVANEAL STEEL W/ EXTERIOR SURFACES GROUND SMOOTH

### FINISH:

INDUSTRIAL GRADE TEXTURED BAKED CHARCOAL ENAMEL PAINT—INSIDE AND OUT

### FILTRATION OPTIONS:

ONE EA. MERV 15, 24" X 24" X 32" 95% BAG FILTERS ONE EA. MERV 15, 24" X 24" X 32" 55% BAG FILTER ONE EA MERV 15, 24" X 24" X 15" 55% BAG FILTER ONE EA MERV 15, 24" X 24" X 15" 95% BAG FILTER REFILLABLE MODULE W/ CARBON (UP TO 80 LBS CARBON) 95% OR 99.97% DOP HEPA

### PREFILTER:

- 2" PLEATED PRE-FILTER
- 2" ALUMINUM MESH PRE-FILTER 2" BAFFLE IMPINGER
- 4" PLEATED PRE-FILTER
- WRAP-AROUND DUO-CUBE PREFILTER

### FILTER ACCESS:

FRONT LOAD FOR EASY ACCESS SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

### FILTER ACCESS:

FRONT LOAD FOR EASY ACCESS

### NOISE LEVEL:

79 DBA @ 6' FROM EXHAUST

### INLET / EXHAUST:

STRAIGHT EXHAUST—INTAKE AT END / EXHAUST AT OPPOSITE END THROUGH 4 WAY ADJUSTABLE GRILLE  
SIDE EXHAUST—INTAKE AT END / EXHAUST EITHER FRONT OR REAR

### MOTOR:

1 1/2 HP, 1740 RPM ,TEFC, SINGLE PH 3 HP, 208-230 / 460 V TEFC, 3 PH

### BLOWER:

12-9 BELT DRIVEN

### INPUT VOLTAGE:

120V, SINGLE PH (1 1/2 HP ONLY)  
230/460 VAC, 60 HZ, 3-PHASE ( 3 HP ONLY)

### MAX CURRENT:

1/1/2 HP, 120V—17.2 AMPS  
3 HP, 230V / 460V—8.4 AMPS / 4.2 AMPS

### AIR FLOW:

UP TO 3,500 CFM—DEPENDENT ON OPTION CHOICES

### FILTER CHANGE INDICATOR (OPTIONAL):

FILTER CHANGE LIGHT

