

Booth and Air Make Up Unit.

(1) Rohner # CIOF-WP-24-12-8, Custom Rohner open face booth

Exhaust- dry filter wall plenum located at rear of booth

Intake- Passive air pulled in through 18' w x 8' tall opening in face and conveyor part openings

Working Dim: 24'-0" W x 9'-10" H x 12'-6" D

Overall Dim: 26'-0" W x 11'-0" H x 15'-2" D

Part openings: (2) 2'-6"W x 5'H on each side with 2'-6" key (conveyor to be run interior booth)

Specifications:

- Booth constructed using 18ga. galvanized sheet steel cold formed and pre-punched for nut and bolt assembly.
- Booth rigidly reinforced with 14-12 ga. galvanized sheet steel columns and 5" fire curtain on across booth opening.
- (6) Enclosed Class 1 Div II fluorescent light fixtures, inside access fixture, 115V-277V/1/60, located in ceiling panels.
- Exhaust plenum- (70) 20" X 20" exhaust filters grids complete with one set of standard paint collector pads.
- Intake plenum- (70) 20" x 20" intake filter grids complete with one set of tacky intake filters.
- (1) 36" dia. spark resistant tube axial exhaust fan with 5hp TEFC 460V/3/60 motor rated for 18,135 CFM each @ .5" S.P.
- (1) 3/4" air solenoid valve
- (1) Manometer
- (1) 460V/3/60 Industrial UL listed control panel, complete with exhaust fan motor starter & over loads, lighting contactor, and air solenoid & fire system interlock.
- All assembly hardware
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- 3D exploded view assembly drawings and construction detail sheets.

(1) Standard 36" exhaust duct package to include: (6) 4' section of straight duct, (1) 2' section straight duct with cleanout access door, (1) conical roof jack with storm collar, and (1) damper cap.

AIR MAKE-UP UNIT

MAU SRMI-227, Vertical Outdoor Direct Gas Fired Makeup Air Unit

CFM: 40,000 CFM

HP/V: 30HP 460V/3/60

BTU/Temp rise: 3.2Million BTU, 70/NA Deg. F temp rise spray/bake

Controls: Heat ON/OFF with illuminated ON indicators, Maxitrol temperature selector.

Summer/Winter selectable burner switch with illuminated indicator. (1) dry contact equipment interlock.

Standard Features:

- **CABINET CONSTRUCTION-** Bolted construction of aluminized steel of 18 - 14 gauge cabinet. Access panels are provided to allow easy access to motors, drives and filters. Outside surface is primed with zinc-chromate and finished with a coat of gray enamel.
- **FANS-** Centrifugal forward curved, double width, double inlet, class 1 fan(s) with solid turned ground shaft and self-aligning, 200,000 hour lubricate acceptable ball bearings. All blower wheels are statically and dynamically balanced.
- **BLOWER HOUSING-** bearings and adjustable motor base are mounted on a reinforced frame to insure rigidity and quiet operation. Adjustable drives are standard through 10 HP, fixed drives with 15 HP and larger motors. V-belt drives are sized for 135% of motor horsepower.
- **BLOWER SECTION-** interior is insulated with 1"-2# density Foil Face insulation as standard on all units.
- **MOTOR-** Energy Efficient (E.E.), T-frame, open drip-proof, 1800 RPM pre-lubricated ball bearing type for all standard voltages.
- **BURNER-** Direct gas-fired line burner with spark ignited intermittent pilot for natural gas at inlet pressure from 6 oz. through 1 PSIG with up to 22:1 turndown ratio.
- **GAS CONTROLS-** Main gas hand shut-off valve, main and pilot gas regulators, pilot solenoid, electrical safety shut-off valve, electronic modulating gas valve, electronic flame safeguard system, high temperature controller, airflow switches, ignition transformer, motor starter with overloads. All components enclosed in a NEMA 1 control enclosure.
- **FILTER BOX-** Filter section – with “V” or “Z” frames for mounting 2 inch cleanable or pleated filters (30% eff. disposable as standard). A clogged filter switch with indicating light is available as an optional item. Filter section can also be insulated.
- **VERTICAL STAND –** Welded structural angle support stand pre-punched for nut and bolt blower housing attachment. Stand is fitted with bird screen inlet and finished with a coat of gray enamel.
- **BACK DRAFT DAMPER-** unit is equipped with discharge of intake motorized damper to control building draft when not in operation.
- **DISCHARGE LOUVERS-** Vertical/Horizontal adjustable blade discharge louvers for direct or remote duct connection matching discharge duct dimensions.

(1) M.A.U. 90" x 36" discharge duct package to include: (1) 4' section of straight duct