

# industrial booths

## OPEN FRONT INDUSTRIAL BOOTHS

- **HEAVY DUTY CONSTRUCTION**
- **BATCH AND AUTOMATED PRODUCTION DESIGNS**
- **EASY TO INSTALL**
- **ETL CERTIFICATION AVAILABLE**

These floor model booths are designed for both batch type and conveyorized production systems. Air flow is drawn in through the open front, across the work area and exhausted through a filter bank in the back of the booth. The dry arrestor filters trap the airborne overspray particles before the filtered air is discharged through the exhaust system and into the atmosphere. The booths are available in a wide range of designs to meet practically any production requirement.

Conveyor pass-through openings can be as much as 25% of the booth open front area, without requiring additional exhaust fan capacity.

Specially engineered enclosures may be designed to meet your requirements. Air replacement units and intake chambers can be added as well as reduced air flows for automatic spray operations.

### **LIGHTING FEATURES**

Lighted booths get bright, full booth illumination from four-tube, 48" long, 32-watt, fluorescent light fixtures. Each is mounted behind clear tempered safety glass and sealed with a trimlock gasket. All fixtures are UL listed and approved for their intended use and placement. The light tubes are not furnished with the fixtures.

### **EXHAUST SYSTEM FEATURES**

A tubeaxial exhaust fan designed specifically for use in paint spray booths powers the airflow, through the booth and exhaust stack. All exhaust fans are of non-sparking construction. The motor drive and bearings are sealed from the air stream of the exhaust. Open drip proof (ODP) motors are provided with each unit along with a drive guard assembly.



### **CONSTRUCTION FEATURES AND QUALITY STANDARDS**

Booths are constructed from 18-gauge, prime quality, galvanized steel. Structural steel is used to add strength and rigidity to booths as necessary. All panels and support members are precision punched for easy nut-and-bolt installation. Panel flanges are connected externally, to provide smooth internal surfaces.

All booth packages include installation instructions, fasteners, hardware and sealants necessary for assembly. Control panel is optional, fire control systems are to be supplied by others.

**Col-Met Spray Booth products comply with all OSHA and NFPA regulations.**

**BOOTH CHARTS WITH DIMENSIONS AND SPECIFICATIONS ON REVERSE SIDE**

# BOOTH CHARTS WITH DIMENSIONS AND SPECIFICATIONS

## OPEN FRONT INDUSTRIAL BOOTHS

| Model Number | Interior Dimensions |        |        | Exterior Dimensions |        |        | Qty. Lights | Qty. Filters | Fan Diameter | Fan HP  | SCFM @ 1/2" SP | Shipping Weight |
|--------------|---------------------|--------|--------|---------------------|--------|--------|-------------|--------------|--------------|---------|----------------|-----------------|
|              | Width               | Height | Length | Width               | Height | Length |             |              |              |         |                |                 |
| IB-0407      | 4'                  | 7'     | 5'     | 4'-4"               | 7'-2"  | 7'-2"  | 0           | 8            | 18"          | 3/4HP   | 3,500          | 675             |
| IB-0607      | 6'                  | 7'     | 5'     | 6'-4"               | 7'-2"  | 7'-8"  | 1           | 12           | 24"          | 1HP     | 5,350          | 940             |
| IB-0807      | 8'                  | 7'     | 5'     | 8'-4"               | 7'-2"  | 7'-8"  | 1           | 16           | 24"          | 1 1/2HP | 7,000          | 1,240           |
| IB-1007      | 9'-8"               | 7'     | 5'     | 10'-0"              | 7'-2"  | 8'-8"  | 2           | 20           | 30"          | 1 1/2HP | 8,450          | 1,630           |
| IB-1207      | 11'-8"              | 7'     | 7'     | 12'-0"              | 7'-2"  | 10'-8" | 2           | 24           | 30"          | 2HP     | 10,500         | 1,870           |
| IB-1407      | 14'                 | 7'     | 7'     | 15'-0"              | 7'-6"  | 10'-8" | 2           | 32           | 30"          | 3HP     | 12,500         | 2,450           |
| IB-1607      | 16'                 | 7'     | 7'     | 17'-0"              | 7'-6"  | 10'-8" | 2           | 36           | 30"          | 5HP     | 14,000         | 2,650           |
| IB-1807      | 18'                 | 7'     | 7'     | 19'-0"              | 7'-6"  | 11'-2" | 3           | 40           | 42"          | 3HP     | 15,750         | 3,000           |
| IB-2007      | 20'                 | 7'     | 7'     | 21'-0"              | 7'-8"  | 11'-2" | 4           | 44           | 42"          | 3HP     | 17,500         | 3,540           |

|         |        |    |    |        |       |        |   |    |     |       |        |       |
|---------|--------|----|----|--------|-------|--------|---|----|-----|-------|--------|-------|
| IB-0408 | 4'     | 8' | 5' | 4'-4"  | 8'-2" | 7'-2"  | 0 | 8  | 18" | 3/4HP | 4,000  | 703   |
| IB-0608 | 6'     | 8' | 5' | 6'-4"  | 8'-2" | 7'-8"  | 1 | 12 | 24" | 1HP   | 6,000  | 1,020 |
| IB-0808 | 8'     | 8' | 5' | 8'-4"  | 8'-2" | 7'-8"  | 1 | 16 | 24" | 2HP   | 8,000  | 1,490 |
| IB-1008 | 9'-8"  | 8' | 5' | 10'-0" | 8'-2" | 8'-2"  | 2 | 20 | 30" | 2HP   | 10,000 | 1,780 |
| IB-1208 | 11'-8" | 8' | 7' | 12'-0" | 8'-2" | 10'-8" | 2 | 24 | 30" | 3HP   | 12,000 | 2,270 |
| IB-1408 | 14'    | 8' | 7' | 15'-0" | 8'-6" | 10'-8" | 2 | 32 | 30" | 5HP   | 14,000 | 2,600 |
| IB-1608 | 16'    | 8' | 7' | 17'-0" | 8'-6" | 10'-8" | 2 | 36 | 30" | 5HP   | 16,000 | 2,810 |
| IB-1808 | 18'    | 8' | 7' | 19'-0" | 8'-6" | 11'-2" | 3 | 40 | 42" | 3HP   | 18,000 | 3,150 |
| IB-2008 | 20'    | 8' | 7' | 21'-0" | 8'-8" | 11'-2" | 4 | 44 | 42" | 5HP   | 20,000 | 3,690 |

|         |        |     |    |        |        |        |   |    |     |         |        |       |
|---------|--------|-----|----|--------|--------|--------|---|----|-----|---------|--------|-------|
| IB-0410 | 4'     | 10' | 5' | 4'-4"  | 10'-2" | 7'-2"  | 0 | 10 | 18" | 1 1/2HP | 5,000  | 1,100 |
| IB-0610 | 6'     | 10' | 5' | 6'-4"  | 10'-2" | 7'-8"  | 1 | 15 | 24" | 1 1/2HP | 7,500  | 1,650 |
| IB-0810 | 8'     | 10' | 5' | 8'-4"  | 10'-2" | 8'-8"  | 1 | 20 | 30" | 2 HP    | 10,000 | 1,900 |
| IB-1010 | 9'-8"  | 10' | 5' | 10'-0" | 10'-2" | 8'-8"  | 2 | 25 | 30" | 3HP     | 12,500 | 2,350 |
| IB-1210 | 11'-8" | 10' | 7' | 12'-0" | 10'-2" | 10'-8" | 2 | 30 | 30" | 5HP     | 15,000 | 2,500 |
| IB-1410 | 14'    | 10' | 7' | 15'-0" | 10'-6" | 11'-2" | 2 | 40 | 42" | 3HP     | 17,500 | 3,000 |
| IB-1610 | 16'    | 10' | 7' | 17'-0" | 10'-6" | 11'-2" | 2 | 45 | 42" | 5HP     | 20,000 | 3,400 |
| IB-1810 | 18'    | 10' | 7' | 19'-0" | 10'-6" | 11'-2" | 3 | 50 | 42" | 5HP     | 22,500 | 4,000 |
| IB-2010 | 20'    | 10' | 7' | 21'-0" | 10'-8" | 11'-2" | 4 | 55 | 42" | 7 1/2HP | 25,000 | 4,400 |

|         |        |     |    |        |        |        |   |    |     |         |        |       |
|---------|--------|-----|----|--------|--------|--------|---|----|-----|---------|--------|-------|
| IB-0412 | 4'     | 12' | 5' | 4'-4"  | 12'-2" | 7'-8"  | 0 | 12 | 24" | 1HP     | 6,000  | 975   |
| IB-0612 | 6'     | 12' | 5' | 6'-4"  | 12'-2" | 7'-8"  | 1 | 18 | 24" | 3HP     | 9,000  | 1,500 |
| IB-0812 | 8'     | 12' | 5' | 8'-4"  | 12'-2" | 8'-8"  | 1 | 24 | 30" | 3HP     | 12,000 | 1,700 |
| IB-1012 | 9'-8"  | 12' | 5' | 10'-0" | 12'-2" | 8'-8"  | 2 | 30 | 30" | 5HP     | 15,000 | 2,200 |
| IB-1212 | 11'-8" | 12' | 7' | 12'-0" | 12'-2" | 11'-2" | 2 | 36 | 42" | 3HP     | 18,000 | 2,500 |
| IB-1412 | 14'    | 12' | 7' | 15'-0" | 12'-6" | 11'-2" | 2 | 48 | 42" | 5HP     | 21,000 | 3,200 |
| IB-1612 | 16'    | 12' | 7' | 17'-0" | 12'-6" | 11'-2" | 2 | 54 | 42" | 7 1/2HP | 24,000 | 3,500 |
| IB-1812 | 18'    | 12' | 7' | 19'-0" | 12'-6" | 11'-2" | 3 | 60 | 42" | 7 1/2HP | 27,000 | 4,100 |
| IB-2012 | 20'    | 12' | 7' | 21'-0" | 12'-8" | 11'-2" | 4 | 66 | 42" | 10HP    | 30,000 | 4,700 |



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