

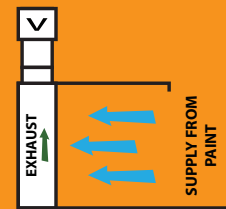
# OPEN FACE BOOTHS

Industrial & General Manufacturing Paint Booths



## FEATURES

- Premium 18 gauge G90 galvanized steel construction
- AMCA certified aluminum blade fans with TEFC motor standard.
- UL listed color correct fluorescent light fixtures
- 20 x 20 Industry standard filters
- 125 F.P.M. standard booth velocity
- Easy nut & bolt assembly with 3D exploded view drawings



### OPEN FACE

- Horizontal Airflow
- Non-filtered Supply Air
- Compliant Spray Area
- Cost Effective

## Premium Components

Preconfigured control packages reduce install cost and are simple to use. Optional controls upgrades can be added to extend filter life and reduce energy consumption.

AMCA certified fans with EPACT compliant TEFC motors are standard. Fans have remote bearing lubrication, aluminum spark resistant blades and heavy duty powder coated housings.

Booths are designed to meet or exceed NFPA33 and IFC Chapter 24 requirements. Consult your local authority having jurisdiction for additional requirements before purchasing.



Standard IOF Control Panel



Cast Aluminum Fan with TEFC Motor

# OPEN FACE BOOTHS Model Number = Description & Size of Booth (Example: IOF-RWP-8-7-7)

IOF = Class & Booth Type    RWP = Location & Exhaust Plenum Type    8 = Working Width    7 = Working Height    7 = Working Depth

MODEL	Working Dim. (WD)			Overall Dim. (OD)			Light Fixtures	Exhaust Filters	Exhaust Fan Sized at 125FPM @ 1/4" S.P.
	W	H	D	W	H	D			
<b>Bench Top</b>									
IBB-RWP-3-4-2	3'-0"	4'-0"	2'-0"	3'-4"	7'-2"	3'-8"	0	4	18" 1/2hp- 1600cfm
IBB-RWP-5-4-3	5'-0"	4'-0"	3'-0"	5'-4"	7'-2"	5'-2"	1	6	18" 1/2hp- 2500cfm
IBB-RWP-7.5-4-3.5	8'-0"	4'-0"	4'-0"	8'-4"	7'-2"	6'-2"	1	8	18" 3/4hp- 4000cfm
<b>8'-0" Wide</b>									
EP-8-7	-	-	-	8'-4"	7'-2"	2'-8"	-	16	24" 1.5hp- 7000cfm
IOF-8-7-7	8'-0"	7'-0"	7'-0.5"	8'-4"	7'-6"	9'-8.5"	1	16	24" 1.5hp- 7000cfm
IOF-EXT-8-7-5	8'-0"	7'-0"	5'-1"	8'-4"	7'-6"	5'-1"	1	-	-
FPD-8-7	7'-0"	6'-6"	-	-	-	-	-	-	-
EP-8-8	-	-	-	8'-4"	8'-2"	2'-8"	-	16	24" 1.5hp- 8000cfm
IOF-8-8-7	8'-0"	8'-0"	7'-0.5"	8'-4"	8'-6"	9'-8.5"	2	16	24" 1.5hp- 8000cfm
IOF-EXT-8-8-5	8'-0"	8'-0"	5'-1"	8'-4"	8'-6"	5'-1"	1	-	-
FPD-8-8	7'-0"	7'-6"	-	0	-	-	-	-	-
<b>10'-0" Wide</b>									
EP-10-7	-	-	-	10'-4"	7'-2"	3'-2"	-	20	30" 1.5hp-8750cfm
IOF-RWP-10-7-7	10'-0"	7'-0"	7'-0.5"	11'-0"	7'-6"	10'-2.5"	2	20	30" 1.5hp-8750cfm
IOF-EXT-10-7-5	10'-0"	7'-0"	5'-1"	11'-0"	7'-6"	5'-1"	1	-	-
FPD-10-7	9'-0"	6'-6"	-	-	-	-	-	-	-
EP-10-8	-	-	-	10'-4"	8'-2"	3'-2"	-	20	30" 1.5hp-10,000cfm
IOF-RWP-10-8-7	10'-0"	8'-0"	7'-0.5"	11'-0"	8'-6"	10'-2.5"	2	20	30" 1.5hp-10,000cfm
IOF-EXT-10-8-5	10'-0"	8'-0"	5'-1"	11'-0"	8'-6"	5'-1"	1	-	-
FPD-10-8	9'-0"	7'-6"	-	-	-	-	-	-	-
EP-10-10	-	-	-	10'-4"	10'-2"	3'-8"	-	25	36" 1.5hp- 12,500cfm
IOF-RWP-10-10-7	10'-0"	10'-0"	7'-0.5"	11'-0"	10'-6"	10'-8.5"	2	25	36" 1.5hp- 12,500cfm
IOF-EXT-10-10-5	10'-0"	10'-0"	5'-1"	11'-0"	10'-6"	5'-1"	2	-	-
FPD-10-10	9'-0"	9'-6"	-	-	-	-	-	-	-
<b>12'-0" Wide</b>									
EP-12-7	-	-	-	12'-4"	7'-2"	3'-2"	-	28	30" 2hp-10,500cfm
IOF-RWP-12-7-7	12'-0"	7'-0"	7'-0.5"	13'-0"	7'-6"	10'-2.5"	2	28	30" 2hp-10,500cfm
IOF-EXT-12-7-5	12'-0"	7'-0"	5'-1"	13'-0"	7'-6"	5'-1"	2	-	-
FPD-12-7	11'-0"	6'-6"	-	-	-	-	-	-	-
EP-12-8	-	-	-	12'-4"	8'-2"	3'-8"	-	28	36" 1.5hp- 12,000cfm
IOF-RWP-12-8-7	12'-0"	8'-0"	7'-0.5"	13'-0"	8'-6"	10'-8.5"	2	28	36" 1.5hp- 12,000cfm
IOF-EXT-12-8-5	12'-0"	8'-0"	5'-1"	13'-0"	8'-6"	5'-1"	2	-	-
FPD-12-8	11'-0"	7'-6"	-	-	-	-	-	-	-
EP-12-10	-	-	-	12'-4"	10'-2"	3'-8"	-	35	36" 3hp- 15,000cfm
IOF-RWP-12-10-7	12'-0"	10'-0"	7'-0.5"	13'-0"	10'-6"	10'-8.5"	3	35	36" 3hp- 15,000cfm
IOF-EXT-12-10-5	12'-0"	10'-0"	5'-1"	13'-0"	10'-6"	5'-1"	2	-	-
FPD-12-10	11'-0"	9'-6"	-	-	-	-	-	-	-
EP-12-12	-	-	-	12'-4"	12'-2"	3'-8"	-	42	42" 3hp- 18,000cfm
IOF-RWP-12-12-7	12'-0"	12'-0"	7'-0.5"	13'-0"	12'-6"	11'-2.5"	3	42	42" 3hp- 18,000cfm
IOF-EXT-12-12-5	12'-0"	12'-0"	5'-1"	13'-0"	12'-6"	5'-1"	2	-	-
FPD-12-12	11'-0"	11'-6"	-	-	-	-	-	-	-
<b>14'-0" Wide</b>									
EP-14-7	-	-	-	14'-4"	7'-2"	3'-8"	-	32	36" 1.5hp- 12,250cfm
IOF-RWP-14-7-7	14'-0"	7'-0"	7'-0.5"	15'-0"	7'-6"	10'-8.5"	2	32	36" 1.5hp- 12,250cfm
IOF-EXT-14-7-5	14'-0"	7'-0"	5'-1"	15'-0"	7'-6"	5'-1"	2	-	-
FPD-14-7	13'-0"	6'-6"	-	-	-	-	-	-	-
EP-14-8	-	-	-	14'-4"	8'-2"	3'-8"	-	32	36" 2hp- 14,000cfm
IOF-RWP-14-8-7	14'-0"	8'-0"	7'-0.5"	15'-0"	8'-6"	10'-8.5"	2	32	36" 2hp- 14,000cfm
IOF-EXT-14-8-5	14'-0"	8'-0"	5'-1"	15'-0"	8'-6"	5'-1"	2	-	-
FPD-14-8	13'-0"	7'-6"	-	-	-	-	-	-	-
EP-14-10	-	-	-	14'-4"	10'-2"	3'-8"	-	40	36" 3hp- 17,500cfm
IOF-RWP-14-10-7	14'-0"	10'-0"	7'-0.5"	15'-0"	10'-6"	10'-8.5"	3	40	36" 3hp- 17,500cfm
IOF-EXT-14-10-5	14'-0"	10'-0"	5'-1"	15'-0"	10'-6"	5'-1"	2	-	-
FPD-14-10	13'-0"	9'-6"	-	-	-	-	-	-	-
EP-14-12	-	-	-	14'-4"	12'-2"	3'-8"	-	48	42" 5hp- 21,000cfm
IOF-RWP-14-12-7	14'-0"	12'-0"	7'-0.5"	15'-0"	12'-6"	11'-2.5"	3	48	42" 5hp- 21,000cfm
IOF-EXT-14-12-5	14'-0"	12'-0"	5'-1"	15'-0"	12'-6"	5'-1"	3	-	-
FPD-14-12	13'-0"	11'-6"	-	-	-	-	-	-	-



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# OPEN FACE BOOTHS Model Number = Description & Size of Booth (Example: IOF-RWP-8-7-7)

IOF = Class & Booth Type    RWP = Location & Exhaust Plenum Type    8 = Working Width    7 = Working Height    7 = Working Depth

MODEL	Working Dim. (WD)			Overall Dim. (OD)			Light Fixtures	Exhaust Filters	Exhaust Fan Sized at 125FPM @ 1/4" S.P.
	W	H	D	W	H	D			
<b>16'-0" Wide</b>									
EP-16-7	-	-	-	16'-4"	7'-2"	3'-8"	-	36	36" 2hp- 14,000cfm
IOF-RWP-16-7-7	16'-0"	7'-0"	7'-0.5"	17'-0"	7'-6"	10'-8.5"	2	36	36" 2hp- 14,000cfm
IOF-EXT-16-7-5	16'-0"	7'-0"	5'-1"	17'-0"	7'-6"	5'-1"	2	-	-
FPD-16-7	15'-0"	6'-6"	-	-	-	-	-	-	-
EP-16-8	-	-	-	16'-4"	8'-2"	3'-8"	-	36	36" 3hp- 16,000cfm
IOF-RWP-16-8-7	16'-0"	8'-0"	7'-0.5"	17'-0"	8'-6"	10'-8.5"	3	36	36" 3hp- 16,000cfm
IOF-EXT-16-8-5	16'-0"	8'-0"	5'-1"	17'-0"	8'-6"	5'-1"	2	-	-
FPD-16-8	15'-0"	7'-6"	-	-	-	-	-	-	-
EP-16-10	-	-	-	16'-4"	10'-2"	3'-8"	-	45	42" 5hp- 20,000cfm
IOF-RWP-16-10-7	16'-0"	10'-0"	7'-0.5"	17'-0"	10'-6"	11'-2.5"	3	45	42" 5hp- 20,000cfm
IOF-EXT-16-10-5	16'-0"	10'-0"	5'-1"	17'-0"	10'-6"	5'-1"	2	-	-
FPD-16-10	15'-0"	9'-6"	-	-	-	-	-	-	-
EP-16-12	-	-	-	16'-4"	12'-2"	3'-8"	-	54	42" 5hp- 24,000cfm
IOF-RWP-16-12-7	16'-0"	12'-0"	7'-0.5"	17'-0"	12'-6"	11'-2.5"	4	54	42" 5hp- 24,000cfm
IOF-EXT-16-12-5	16'-0"	12'-0"	5'-1"	17'-0"	12'-6"	5'-1"	3	-	-
FPD-16-12	15'-0"	11'-6"	-	-	-	-	-	-	-
<b>18'-0" Wide</b>									
EP-18-7	-	-	-	18'-4"	7'-2"	3'-8"	-	40	36" 3hp- 15,750cfm
IOF-RWP-18-7-7	18'-0"	7'-0"	7'-0.5"	19'-4"	7'-8"	10'-8.5"	3	40	36" 3hp- 15,750cfm
IOF-EXT-18-7-5	18'-0"	7'-0"	5'-1"	19'-4"	7'-8"	5'-1"	2	-	-
FPD-18-7	17'-0"	6'-6"	-	-	-	-	-	-	-
EP-18-8	-	-	-	18'-4"	8'-2"	3'-8"	-	40	42" 3hp- 18,000cfm
IOF-RWP-18-8-7	18'-0"	8'-0"	7'-0.5"	19'-4"	8'-8"	11'-2.5"	3	40	42" 3hp- 18,000cfm
IOF-EXT-18-8-5	18'-0"	8'-0"	5'-1"	19'-4"	8'-8"	5'-1"	2	-	-
FPD-18-8	17'-0"	7'-6"	-	-	-	-	-	-	-
EP-18-10	-	-	-	18'-4"	10'-2"	3'-8"	-	50	42" 5hp- 22,500cfm
IOF-RWP-18-10-7	18'-0"	10'-0"	7'-0.5"	19'-4"	10'-8"	11'-2.5"	4	50	42" 5hp- 22,500cfm
IOF-EXT-18-10-5	18'-0"	10'-0"	5'-1"	19'-4"	10'-8"	5'-1"	3	-	-
FPD-18-10	17'-0"	9'-6"	-	-	-	-	-	-	-
EP-18-12	-	-	-	18'-4"	12'-2"	3'-8"	-	60	48" 5hp- 27,000cfm
IOF-RWP-18-12-7	18'-0"	12'-0"	7'-0.5"	19'-4"	12'-8"	11'-8.5"	4	60	48" 5hp- 27,000cfm
IOF-EXT-18-12-5	18'-0"	12'-0"	5'-1"	19'-4"	12'-8"	5'-1"	3	-	-
FPD-18-12	17'-0"	11'-6"	-	-	-	-	-	-	-
<b>20'-0" Wide</b>									
EP-20-7	-	-	-	20'-4"	7'-2"	3'-8"	-	44	36" 3hp- 17,500cfm
IOF-RWP-20-7-7	20'-0"	7'-0"	7'-0.5"	21'-4"	7'-8"	10'-8.5"	3	44	36" 3hp- 17,500cfm
IOF-EXT-20-7-5	20'-0"	7'-0"	5'-1"	21'-4"	7'-8"	5'-1"	2	-	-
FPD-20-7	19'-0"	6'-6"	-	-	-	-	-	-	-
EP-20-8	-	-	-	20'-4"	8'-2"	3'-8"	-	44	42" 5hp- 20,000cfm
IOF-RWP-20-8-7	20'-0"	8'-0"	7'-0.5"	21'-4"	8'-8"	11'-2.5"	3	44	42" 5hp- 20,000cfm
IOF-EXT-20-8-5	20'-0"	8'-0"	5'-1"	21'-4"	8'-8"	5'-1"	2	-	-
FPD-20-8	19'-0"	7'-6"	-	-	-	-	-	-	-
EP-20-10	-	-	-	20'-4"	10'-2"	3'-8"	-	55	42" 7.5hp- 25,000cfm
IOF-RWP-20-10-7	20'-0"	10'-0"	7'-0.5"	21'-4"	10'-8"	11'-2.5"	4	55	42" 7.5hp- 25,000cfm
IOF-EXT-20-10-5	20'-0"	10'-0"	5'-1"	21'-4"	10'-8"	5'-1"	3	-	-
FPD-20-10	19'-0"	9'-6"	-	-	-	-	-	-	-
EP-20-12	-	-	-	20'-4"	12'-2"	3'-8"	-	66	48" 7.5hp- 30,000cfm
IOF-RWP-20-12-7	20'-0"	12'-0"	7'-0.5"	21'-4"	12'-8"	11'-8.5"	5	66	48" 7.5hp- 30,000cfm
IOF-EXT-20-12-5	20'-0"	12'-0"	5'-1"	21'-4"	12'-8"	5'-1"	3	-	-
FPD-20-12	19'-0"	11'-6"	-	-	-	-	-	-	-

## TABLE LEGEND

EP = Exhaust Plenum available only, used for paint spray room ventilation, explosion proof motor required when fan is located near interior paint spray room.  
 IOF = Industrial Open Face Booth, standard working depth available in 5', 6', 7' & 8' (7' depth shown in table IOF-WP-8-7-7)  
 IOF-EXT = Industrial Open Face Booth Extension, extension depth available in 5', 6', 7' & 8' (5' depth shown in table IOF-EXT-WP-8-7-5)  
 FPD = Filtered Product Doors

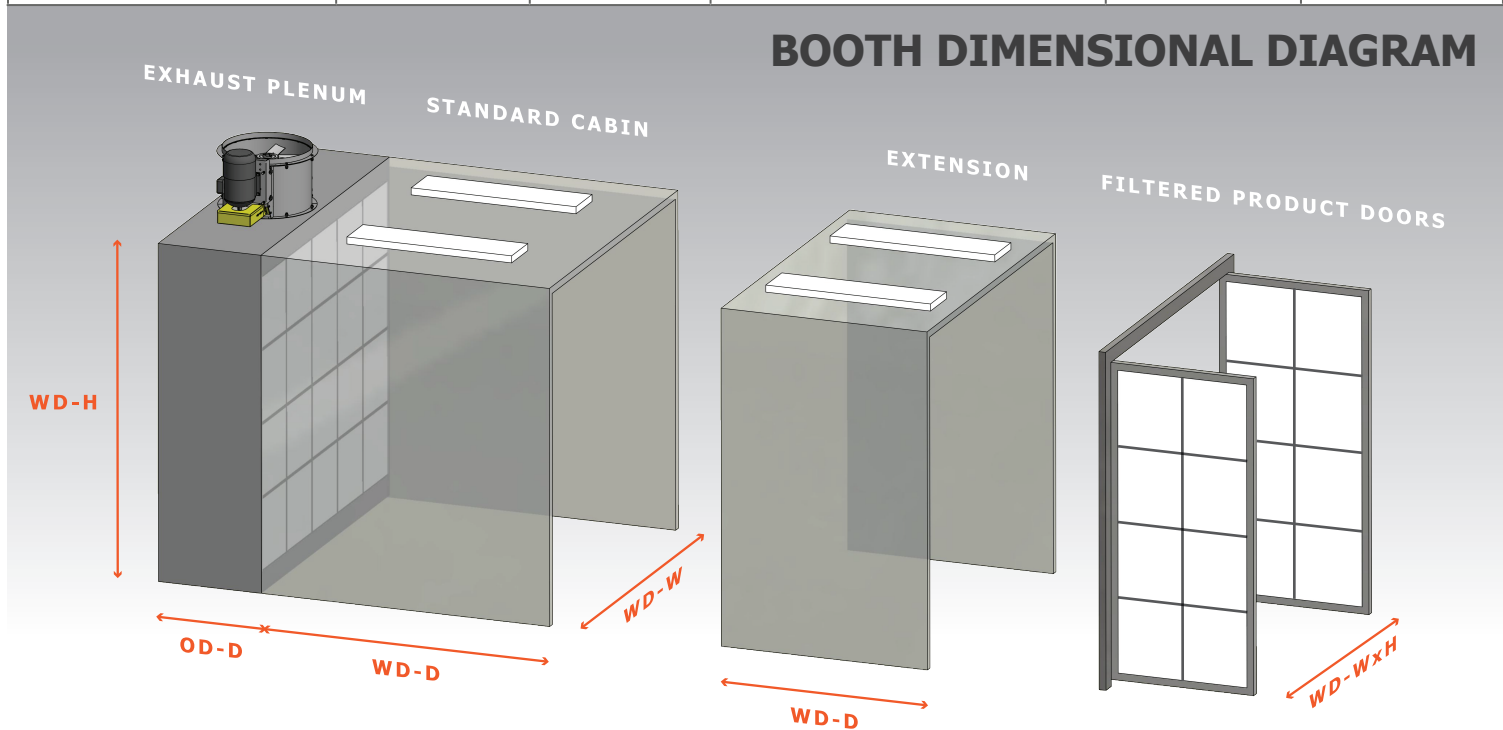
Standard Motors: 1hp and greater are 230/460V three phase, fractional hp motors are 115/230V single phase, additional motor configurations available



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# OPEN FACE BOOTHS

BOOTH DESIGN	STANDARD	OPTIONAL	BOOTH DESIGN	STANDARD	OPTIONAL
20" x 20" exhaust filter frames with wire grids	✓		Energy efficient L.E.D lighting		✓
NESHAP compliant multi-stage filter system		✓	Quiet mixed flow high performance exhaust fan		✓
Blanket media track		✓	High static exhaust fan		✓
Control panel		✓	Filtered product doors		✓
Filter Life Optimizer "FLO"		✓	Personnel exit door		✓
Spark resistant tube axial fan with TEFC motor	✓		Powder coat white finish		✓
Class I Div. 2 sealed inside access light fixtures with color correct lamps	✓		Conveyor portal openings with vestibules		✓



Reference tables on pages 2 & 3 for dimensions.

MODEL	DESCRIPTION	EXHAUST MOTOR QTY & HP	VOLTAGE	PHASE
IOF-CP-**-***-*	Spray Booth Control Package	.5, .75, 1.5, 2, 3 or 7.5	208-230 or 460	1 or 3
MODEL	DESCRIPTION	DOOR SWING	WIDTH	HEIGHT
MD - * - 3-7	Personnel Door	L = left R = Right	3'-0"	7'-0"

**NOTE:** Man doors are available on 7' & 8' cabin or extension sections. Personnel door swing is determined from the exterior of the booth looking in. Hinges are located on the left or right hand as determined by the swing selection.

Booth exhaust plenums and filters are designed for particulate removal only! Volatile organic compounds (V.O.C.) removal requires optional equipment.

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IOF BROCHURE 15.1