

CITY OF SACRAMENTO

Permit No: 9810881

1231 I Street, Sacramento, CA 95814

Insp Area: 3

Site Address: 8540 MORRISON CREEK DR SAC

Sub-Type: ACOM

Parcel No: 0640020070

Housing (Y/N): N

CONTRACTOR

OWNER

ARCHITECT

SIERRA SHUTTER CO., INC.
8540 MORRISON CREEK DR
SACRAMENTO 95828

Nature of Work: INSTALL SPRAY BOOTH

CONSTRUCTION LENDING AGENCY: I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class _____ License Number _____ Date _____ Contractor Signature _____

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

_____, I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

_____, I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

_____, I am exempt under Sec. _____ B & PC for this reason: _____

Date 11/4/98 Owner Signature [Signature]

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 11/4/98 Applicant/Agent Signature [Signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:
_____, I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

_____, I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier _____ Policy Number _____ Exp Date _____

_____, (This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 11/4/98 Applicant Signature [Signature]

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

9810881

DEVELOPMENT SERVICES DIVISION
PERMIT SERVICES SECTION
1231 I Street, Rm. 200
Sacramento, CA 95814 (916) 264-7619 FAX 264-7046

PLAN CHECK # _____ Insp. Area _____

Applicant **MUST** complete ALL Unshaded areas this page only

ADDRESS 8540 Morrison Creek Dr Sacramento 95828 Suite _____
PARCEL # 064 0020 070

<p align="center">CONTACT</p> <p>Name <u>Rick Johnson</u> Address <u>11415 Sunrise Gold Cir #10</u> <u>Rancho Cordova Ca</u> Zip <u>95742</u> Phone <u>853 6811</u> FAX <u>853 6810</u></p>		<p>LICENSED CONTRACTOR Lic No. # _____</p> <p>Name _____ Address _____ Phone _____ FAX _____</p>	
<p align="center">ARCHITECT/ENGINEER</p> <p>Name _____ Address _____ Phone _____ FAX _____</p>		<p align="center">OWNER [REDACTED]</p> <p>Name <u>Rick Johnson</u> Address <u>8407 Donahue Ct.</u> <u>Fair Oaks Ca</u> Zip <u>95628</u> Phone <u>536-9421</u> FAX _____</p>	

→ Will the permittee have any employees on the jobsite? Yes No

→ If yes, WORKER'S COMPENSATION POLICY # W.D.N. 57133A EXPIRATION DATE: 3-1-99

NAME OF INSURANCE COMPANY: Superior National

NATURE OF WORK IN DETAIL: 1. Install spray Booth

DBA: _____ VALUATION: 3500⁰⁰

FLOOD STATUS:				S.C.A.T.						
JOB DESCRIPTION		BLDG	SHEL	APT	TI()	REM()	SW	FIRE	ADD	OTH
INSP. DISCIPLINES			BLDG	MECH	PLUMB	ELEC	SITE	FIRE		
# Stories	1st flr Area	Total Area	Use Zone	Occp Group	Const type	Fire Req. Y/N		Fed Code	Vio. File	
						Spr	Alarm			
B	L	P	M	E	F	S		D	R	

COMMENTS: _____

REGIONAL SANITATION FEES? Yes No HEALTH DEPARTMENT? Yes No

BLDGFRM. (REV 05/98) WATER FLOW TEST FOR NEW BLDGS OR ADDITIONS Yes No



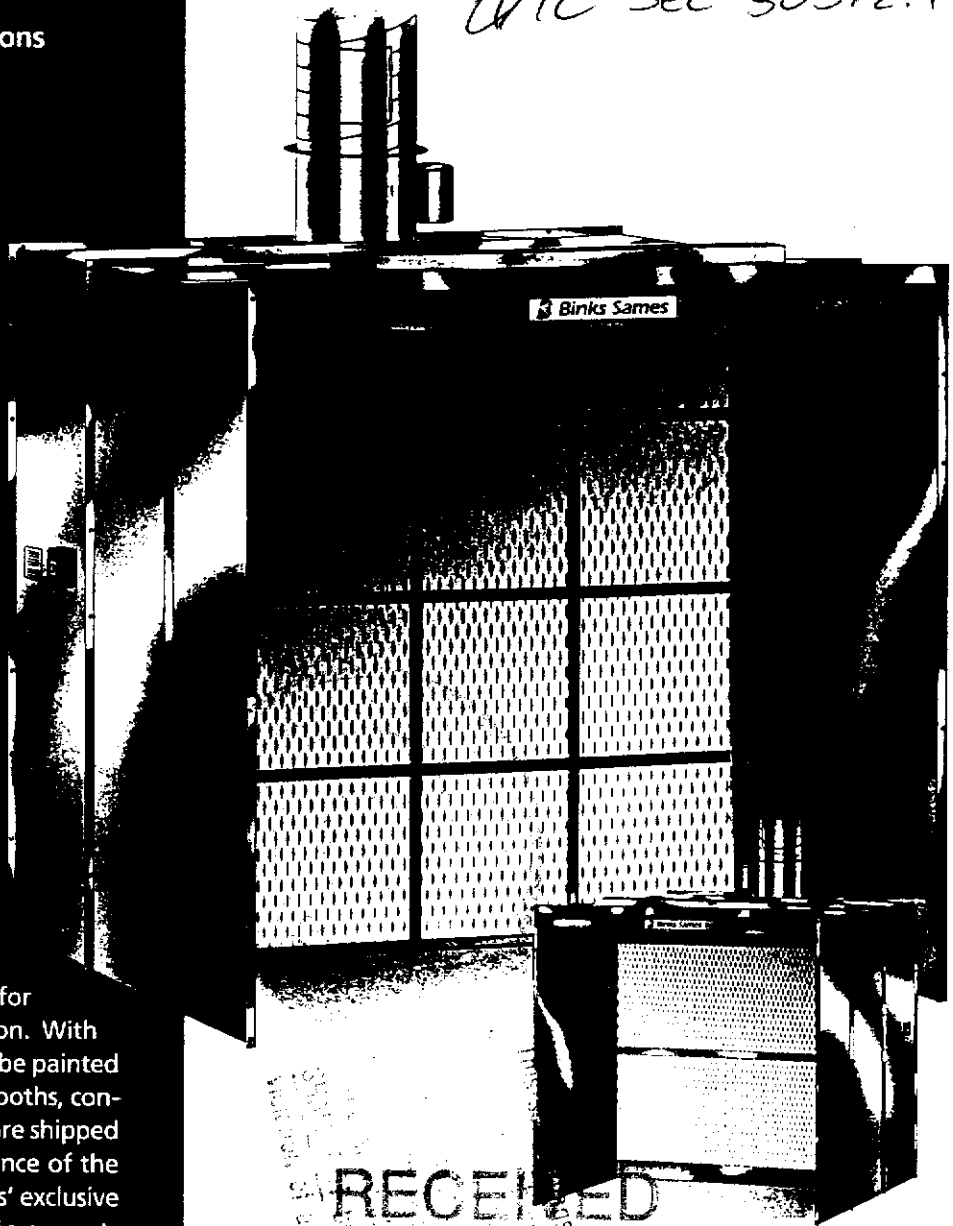
Binks Sames

- Choice of 3 Filter Configurations
- Choice of 3 Heights
- Quick Delivery
- Easy to Install
- Local Technical Support—
Provided by more than
80 qualified sales and
application personnel
- 10 Year Warranty

Binks Sames Series 2100 Industrial Floor Spray Booths feature a modular design. Modularization offers the economy of a standardized line of spray booths, while making available a variety of sizes and configurations to fit a broad range of finishing processes. The three primary modules (working depths, arresting filters and exhaust chambers) are offered in heights of 7, 8 and 10 feet, and in seven widths from 5 to 20 feet. Working depth extensions are available in increments of 30 inches to accommodate most finishing operations. Series 2100 spray booths are fabricated from corrosion-resistant, galvanized steel for protection against rust and corrosion. With proper surface preparation, they can be painted after installation. Series 2100 spray booths, configured to customers' requirements, are shipped within five to ten days after acceptance of the order and are covered by Binks Sames' exclusive ten-year limited warranty. This bulletin presents technical and ordering details to assist you in selecting the combination of modules to fit your company's requirements.

ID Plate will Be Provided.

UMC Sec 503.2.1



RECEIVED

OCT 30 1998

Building Inspection Division

Series 2100

Industrial Floor Spray Booths

*All Comply with All Provisions Stipulated
in 1994 Uniform Fire Code Article 4502.2*

Working Depth

Where the real work gets done, the working depth should be large enough to move the product in and out and provide the painter adequate room to perform his task. Binks Sames recommends a working depth five to six feet wider and deeper than the largest product or products to be finished in the booth. The Series 2100 Working Depths are available in a range of depths. Customers have the option of selecting working depth models with or without openings for light fixtures. Complete fronts, access door kits and conveyor opening kits further extend customers' options. ©

Overspray Arrestance

The heart of a paint booth is its exhaust air handling and filtering system. Air moving through the working depth entrains the overspray and moves it away from the painter and the product, improving the painter's working environment and enabling production of high quality finishes. Proper booth ventilation minimizes the likelihood of partially cured overspray contaminating the already coated work. A continuous flow of air through the working depth not only supplies cleaner air for the painter, but more importantly, prevents a dangerous buildup of volatile organic compounds released by the spray finishing

process. All Series 2100 spray booths use replaceable dry filters to capture the overspray.

Series 2100 spray booths are offered in three filter configurations. The Binks Sames AF Filter is an affordable general-purpose choice for many customers. AF Filters capture over 97% of overspray and hold three to five times the overspray of competitive, general-purpose filters.

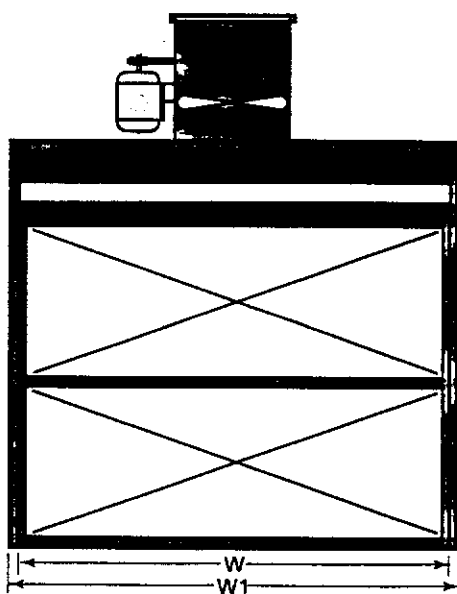
The industry's best performing single-stage overspray filter is the Binks Sames Paint Pockets® synthetic filter media. Available in either 20-inch square pads or 36-inch wide blankets, Paint Pockets media have an unsurpassed single-stage overspray arrestance efficiency rating of 99.84%. (See bulletin A29-18 for additional information.) The media's unique, three-dimensional waffle pattern provides extremely high holding capacity (over 6 lbs./sq. ft.) and nearly constant pressure drop over the media's useful life. Paint Pockets is compatible with a wide variety of spray-applied industrial coatings, friendly to operators and the environment, and especially friendly to managers responsible for reducing operating costs. The filter's overspray holding capacity—up to five times the capacity of many high efficiency filters—means longer intervals between filter changes, minimal lost production time, fewer filters in inventory, and reduced disposal costs. The very high

efficiency arrestance means fewer stack cleanings and less environmental contamination.

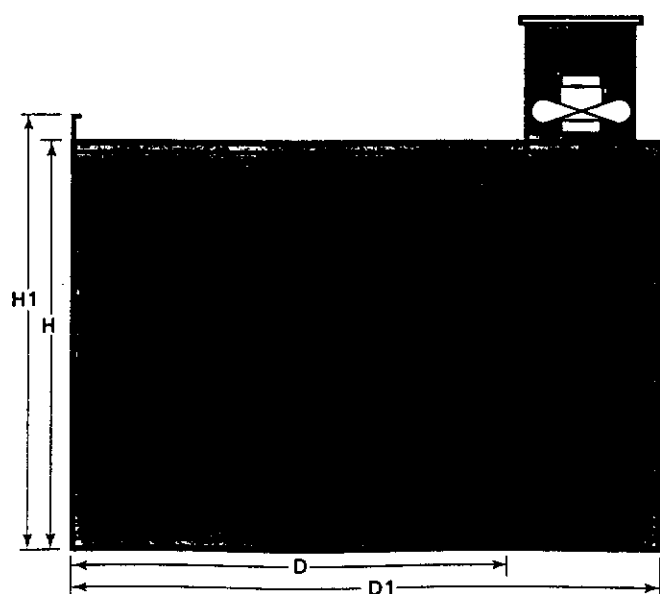
In addition to these filter choices, Binks Sames also offers a super-efficient, two-stage filter system consisting of Paint Pockets pads in a primary stage, backed up by a high-efficiency secondary filter.

Exhaust Chambers

The exhaust chamber is mounted behind the overspray arresting filter bank. It is designed to contain and move the exhaust air stream from the arresting filters to the exhaust fan. Unlike some other suppliers, Series 2100 exhaust chambers match the paint booth in width and height. Full height exhaust chambers reduce air turbulence in the working depth, thereby minimizing overspray buildup on working depth walls and ceiling and reducing the likelihood of overspray escaping through conveyor openings. Proper booth air movement increases the intervals between working depth house cleanings, reducing maintenance costs. Series 2100 spray booths are supplied with high performance exhaust fans which may be mounted either on top of the exhaust chamber or in the separately purchased downstream exhaust duct. Top-exiting exhaust is standard. Back-exhaust conversion kits are available.



Front View



Side View

Series 2100 Industrial Floor Spray Booths

Binks Sames Series 2100 spray booths are available in three filter combinations:

- Paint Pockets Blanket Filter Type
- Paint Pockets Pad Filter Type
- AF Filter™ Type

Binks Sames Series 2100 industrial floor spray booths are offered in 7, 8 or 10 foot heights. The following tables

show available models in these heights.

Within each height, booth models are presented in increasing width and depth of working depths. The models presented are offered in working depths of 5 and 7.5 feet (see column D). Dimensions in column D₁ show the

total depth of the booth (working depth, filter module and exhaust chamber). In addition to the standard depths, customers can configure deeper working depths by ordering optional extensions in 30-inch increments from 2.5 to 10 feet. See page 5 for information.

7' High Booths

PP Blkts	Model PP Pads	AF Filter	Work Dimensions			Overall Dimensions			Airflow @ .375" (SCFM)	Fan and Motor			Lt Fxs	Pads/ Blkts	Shpg Wt (lbs)
			W	H	D	W ₁	H ₁	D ₁		Model	Dia	HP			
PRF-5-7-TLH	PCF-5-7-TLH	PAF-5-7-TLH	5'0"	6'10"	5'0"	5'4"	7'0"	7'8"	3,945	30-2450	24"	¼	1	12/2	840
PRF-5-7-T	PCF-5-7-T	PAF-5-7-T											0		750
RF-5-7-T	CF-5-7-T	AF-5-7-T											0		575
PRF-7.5-7-TLH	PCF-7.5-7-TLH	PAF-7.5-7-TLH	7'6"	6'10"	5'0"	7'10"	7'0"	7'8"	5,905	30-2454	24"	1	1	16/2	1240
PRF-7.5-7-T	PCF-7.5-7-T	PAF-7.5-7-T											0		1150
RF-7.5-7-T	CF-7.5-7-T	AF-7.5-7-T											0		950
PRF-10-7-TLH	PCF-10-7-TLH	PAF-10-7-TLH	10'0"	6'10"	5'0"	10'4"	7'0"	7'8"	7,525	30-2457	24"	2	2	24/2	1625
PRF-10-7-T	PCF-10-7-T	PAF-10-7-T											0		1450
RF-10-7-T	CF-10-7-T	AF-10-7-T											0		1150
PRF-12.5-7-TLH	PCF-12.5-7-TLH	PAF-12.5-7-TLH	12'6"	6'10"	7'6"	12'10"	7'0"	10'2"	8,840	30-2461	24"	3	2	28/2	1900
PRF-12.5-7-T	PCF-12.5-7-T	PAF-12.5-7-T											0		1800
RF-12.5-7-T	CF-12.5-7-T	AF-12.5-7-T											0		1300
PRF-15-7-TLH	PCF-15-7-TLH	PAF-15-7-TLH	15'0"	6'10"	7'6"	16'0"	7'6"	11'2"	11,915	30-3455	34"	2	2	36/2	2650
PRF-15-7-T	PCF-15-7-T	PAF-15-7-T											0		2250
RF-15-7-T	CF-15-7-T	AF-15-7-T											0		1950
PRF-17.5-7-TLH	PCF-17.5-7-TLH	PAF-17.5-7-TLH	17'6"	6'10"	7'6"	18'6"	7'8"	11'2"	13,880	30-3457	34"	3	2	40/2	3000
PRF-17.5-7-T	PCF-17.5-7-T	PAF-17.5-7-T											0		2600
RF-17.5-7-T	CF-17.5-7-T	AF-17.5-7-T											0		2300
PRF-20-7-TLH	PCF-20-7-TLH	PAF-20-7-TLH	20'0"	6'10"	7'6"	21'0"	7'10"	11'2"	14,675	30-3458	34"	5	4	48/2	3600
PRF-20-7-T	PCF-20-7-T	PAF-20-7-T											0		3000
RF-20-7-T	CF-20-7-T	AF-20-7-T											0		2600

8' High Booths

PP Blkts	Model PP Pads	AF Filter	Work Dimensions			Overall Dimensions			Airflow @ .375" (SCFM)	Fan and Motor			Lt Fxs	Pads/ Blkts	Shpg Wt (lbs)
			W	H	D	W ₁	H ₁	D ₁		Model	Dia	HP			
PRF-5-8-TLH	PCF-5-8-TLH	PAF-5-8-TLH	5'0"	7'10"	5'0"	5'4"	8'0"	7'8"	4,670	30-2451	24"	¼	1	12/2	930
PRF-5-8-T	PCF-5-8-T	PAF-5-8-T											0		830
RF-5-8-T	CF-5-8-T	AF-5-8-T											0		660
PRF-7.5-8-TLH	PCF-7.5-8-TLH	PAF-7.5-8-TLH	7'6"	7'10"	5'0"	7'10"	8'0"	7'8"	7,005	30-2456	24"	1½	1	16/2	1475
PRF-7.5-8-T	PCF-7.5-8-T	PAF-7.5-8-T											0		1375
RF-7.5-8-T	CF-7.5-8-T	AF-7.5-8-T											0		1100
PRF-10-8-TLH	PCF-10-8-TLH	PAF-10-8-TLH	10'0"	7'10"	5'0"	10'4"	8'0"	7'8"	8,050	30-2458	24"	3	2	24/2	1775
PRF-10-8-T	PCF-10-8-T	PAF-10-8-T											0		1575
RF-10-8-T	CF-10-8-T	AF-10-8-T											0		1300
PRF-12.5-8-TLH	PCF-12.5-8-TLH	PAF-12.5-8-TLH	12'6"	7'10"	7'6"	12'10"	8'0"	11'2"	11,915	30-3455	24"	2	2	28/2	2300
PRF-12.5-8-T	PCF-12.5-8-T	PAF-12.5-8-T											0		2000
RF-12.5-8-T	CF-12.5-8-T	AF-12.5-8-T											0		1700
PRF-15-8-TLH	PCF-15-8-TLH	PAF-15-8-TLH	15'0"	7'10"	7'6"	16'0"	8'6"	11'2"	12,985	30-3456	34"	3	2	36/2	2600
PRF-15-8-T	PCF-15-8-T	PAF-15-8-T											0		2400
RF-15-8-T	CF-15-8-T	AF-15-8-T											0		2100
PRF-17.5-8-TLH	PCF-17.5-8-TLH	PAF-17.5-8-TLH	17'6"	7'10"	7'6"	18'6"	8'8"	11'2"	14,675	30-3458	34"	5	2	40/2	3150
PRF-17.5-8-T	PCF-17.5-8-T	PAF-17.5-8-T											0		2750
RF-17.5-8-T	CF-17.5-8-T	AF-17.5-8-T											0		2450
PRF-20-8-TLH	PCF-20-8-TLH	PAF-20-8-TLH	20'0"	7'10"	7'6"	21'0"	8'10"	11'2"	16,750	30-3462	34"	5	4	48/2	3750
PRF-20-8-T	PCF-20-8-T	PAF-20-8-T											0		3150
RF-20-8-T	CF-20-8-T	AF-20-8-T											0		2750

10' High Booths

PP Blkts	Model		Work Dimensions			Overall Dimensions			Airflow @ .375" (SCFM)	Fan and Motor			Lt Fxs	Pads/ Blkts	Shpg Wt (lbs)
	PP Pads	AF Filter	W	H	D	W ₁	H ₁	D ₁		Model	Dia	HP			
PRF-5-10-T-LH	PCF-5-10-TLH	PAF-5-10-T-LH											1		1275
PRF-5-10-T	PCF-5-10-T	PAF-5-10-T	5'0"	9'10"	5'0"	5'4"	10'0"	7'8"	5,110	30-2452	24"	¾	0	15/3	1175
RF-5-10-T	CF-5-10-T	AF-5-10-T											0		1000
PRF-7.5-10-T-LH	PCF-7.5-10-T-LH	PAF-7.5-10-T-LH											1		1700
PRF-7.5-10-T	PCF-7.5-10-T	PAF-7.5-10-T	7'6"	9'10"	5'0"	7'10"	10'0"	7'8"	8,050	30-2458	24"	3	0	20/3	1600
RF-7.5-10-T	CF-7.5-10-T	AF-7.5-10-T											0		1350
PRF-10-10-T-LH	PCF-10-10-T-LH	PAF-10-10-T-LH											2		2200
PRF-10-10-T	PCF-10-10-T	PAF-10-10-T	10'0"	9'10"	5'0"	10'4"	10'0"	8'8"	11,915	30-3455	34"	2	0	30/3	2000
RF-10-10-T	CF-10-10-T	AF-10-10-T											0		1700
PRF-12.5-10-T-LH	PCF-12.5-10-T-LH	PAF-12.5-10-T-LH											2		2500
PRF-12.5-10-T	PCF-12.5-10-T	PAF-12.5-10-T	12'6"	9'10"	7'6"	12'10"	10'0"	11'2"	13,880	30-3457	34"	3	0	35/3	2200
RF-12.5-10-T	CF-12.5-10-T	AF-12.5-10-T											0		1800
PRF-15-10-T-LH	PCF-15-10-T-LH	PAF-15-10-T-LH											2		3500
PRF-15-10-T	PCF-15-10-T	PAF-15-10-T	15'0"	9'10"	7'6"	16'0"	10'6"	11'2"	15,665	30-3460	34"	5	0	45/3	3100
RF-15-10-T	CF-15-10-T	AF-15-10-T											0		2700
PRF-17.5-10-T-LH	PCF-17.5-10-T-LH	PAF-17.5-10-T-LH											2		4100
PRF-17.5-10-T	PCF-17.5-10-T	PAF-17.5-10-T	17'6"	9'10"	7'6"	18'6"	10'8"	11'8"	17,320	30-4270	42"	5	0	50/3	3700
RF-17.5-10-T	CF-17.5-10-T	AF-17.5-10-T											0		3200
PRF-20-10-10-T-LH	PCF-20-10-T-LH	PAF-20-10-T-LH											4		4700
PRF-20-10-T	PCF-20-10-T	PAF-20-10-T	20'0"	9'10"	7'6"	21'0"	10'10"	11'8"	19,780	30-4272	42"	5	0	60/3	4100
RF-20-10-T	CF-20-10-T	AF-20-10-T											0		3600

Notes

- The spray booths above are designed for a minimum face velocity of 100 FPM. When a minimum 115 FPM face velocity is required, PCEK exhaust kits will be substituted for the standard fan specified in the above ordering guide. PCEK kit performance and ordering information is found below.
- All exhaust fans are equipped with totally enclosed ball bearing motors. Motors for U.S. installations require 230/460 volt, 60 Hz, 3 phase service. Canadian installations require 575 volt, 60 Hz, 3 phase service.

- Standard exhaust configuration for all booths is on top. For back exhaust modification, see page 6.
- The "LH" suffix designates a booth furnished with OSHA Class 1, Division 2 dust and ignition proof, 4-tube fluorescent light fixtures. Tubes not included.
- The "P" prefix designates an exhaust fan and motor is furnished with the booth.
- Paint Pockets® is a registered trademark of Products Unlimited.

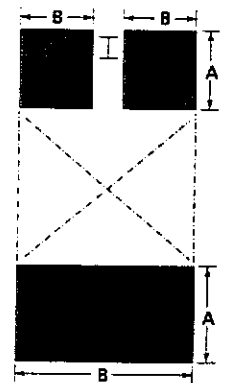
Series 2100 Spray Booth Options

Exhaust Fan Kits

Model	Fan and Motor (enclosed ball bearing)			Airflow @ .375" static pressure (SCFM)	Sound Deadener Panel Assembly (Model)
	Model	Dia	HP		
PCEK-5-7	No change, use existing fan				
PCEK-7.5-7	No change, use existing fan				
PCEK-10-7	30-2458	24"	3	8,050	N.A.
PCEK-12.5-7	30-2463	24"	5	10,200	29-1650
PCEK-15-7	30-3456	34"	3	12,985	N.A.
PCEK-17.5-7	30-3458	34"	5	14,675	N.A.
PCEK-20-7	30-3462	34"	5	16,750	N.A.
PCEK-5-8	No change, use existing fan				
PCEK-7.5-8	No change, use existing fan				
PCEK-10-8	30-2462	24"	3	9,105	N.A.
PCEK-12.5-8	No change, use existing fan				
PCEK-15-8	30-3458	34"	5	14,675	N.A.
PCEK-17.5-8	30-3462	34"	5	16,750	N.A.
PCEK-20-8	30-3464	34"	7½	19,200	29-1651
PCEK-5-10	30-2454	24"	1	5,900	N.A.
PCEK-7.5-10	30-2461	24"	3	8,840	N.A.
PCEK-10-10	No change, use existing fan				
PCEK-12.5-10	30-3458	34"	5	14,675	N.A.
PCEK-15-10	30-3463	34"	7½	17,965	29-1651
PCEK-17.5-10	30-4273	42"	5	20,970	N.A.
PCEK-20-10	30-4277	42"	7½	23,320	29-1652

Conveyor Opening Closure Panel

Conveyor openings are provided by removing one or two solid 30-inch vertical panels in the working depth side walls. The following optional closure panels can be used to customize the actual opening to the size and shape of the largest product to be hung on the conveyor. To facilitate their installation, conveyor opening closure panels are punched on 6 inch centers. Conveyor openings may require an exhaust fan upgrade to provide adequate booth ventilation.



Conveyor opening closure panel

Part	Height (A)	Width (B)	Description
27-190	1'6"	2'6"	Three Flange Panel
27-191	2'6"	2'6"	Three Flange Panel
27-192	1'6"	1'0"	Three Flange Panel
27-193	1'0"	1'0"	Three Flange Panel
27-194	1'6"	5'0"	Three Flange Panel
27-195	2'6"	5'0"	Three Flange Panel
27-196	2'0"	1'6"	Three Flange Panel
27-197	2'0"	2'0"	Three Flange Panel

Modular Working Depth Extensions

Customers can customize a Series 2100 spray booth to fit their facility's needs. Binks Sames' Modular Working Depth Extensions are offered in depths of 2.5, 5, 7.5, or 10 feet for each offered spray booth height and width combination. Extensions ordered with a spray booth are shipped with the booth. If ordered separately, they are shipped within three to five working days.

7'-0" High Working Depth Extensions

"NFO" = no framed openings; "FO" = supplied with 16" x 54" framed opening(s) for light fixtures, quantity in parentheses

Size (w x h)	Model No. 2'-6" NFO	Shpg. Wt.	Model No. 2'-6" FO	Shpg. Wt.	Model No. 5'-0" NFO	Shpg. Wt.	Model No. 5'-0" FO	Shpg. Wt.
5' x 7'	29-2700	130	29-2790-(1)	150	29-2721	260	29-2811-(1)	280
7.5' x 7'	29-2703	145	29-2793-(1)	165	29-2724	290	29-2814-(1)	310
10' x 7'	29-2706	160	29-2796-(1)	180	29-2727	320	29-2817-(1)	340
12.5' x 7'	29-2709	176	29-2799-(2)	216	29-2730	351	29-2820-(2)	391
15' x 7'	29-2712	330	29-2802-(2)	370	29-2733	537	29-2823-(2)	577
17.5' x 7'	29-2715	357	29-2805-(2)	397	29-2736	579	29-2826-(2)	619
20' x 7'	29-2718	384	29-2808-(2)	424	29-2739	622	29-2829-(2)	662

Size (w x h)	Model No. 7'-6" NFO	Shpg. Wt.	Model No. 7'-6" FO	Shpg. Wt.	Model No. 10'-0" NFO	Shpg. Wt.	Model No. 10'-0" FO	Shpg. Wt.
5' x 7'	29-2742	390	29-2832-(2)	430	29-2763	519	29-2853-(3)	579
7.5' x 7'	29-2745	435	29-2835-(2)	475	29-2766	580	29-2856-(3)	640
10' x 7'	29-2748	481	29-2838-(2)	521	29-2769	641	29-2859-(3)	701
12.5' x 7'	29-2751	527	29-2841-(4)	607	29-2772	702	29-2862-(4)	782
15' x 7'	29-2754	744	29-2844-(4)	824	29-2775	980	29-2865-(4)	1,060
17.5' x 7'	29-2757	802	29-2847-(4)	882	29-2778	1,024	29-2868-(4)	1,104
20' x 7'	29-2760	859	29-2850-(4)	939	29-2781	1,125	29-2871-(4)	1,205

8'-0" High Working Depth Extensions

"NFO" = no framed openings; "FO" = supplied with 16" x 54" framed opening(s) for light fixtures, quantity in parentheses

Size (w x h)	Model No. 2'-6" NFO	Shpg. Wt.	Model No. 2'-6" FO	Shpg. Wt.	Model No. 5'-0" NFO	Shpg. Wt.	Model No. 5'-0" FO	Shpg. Wt.
5' x 8'	29-2701	142	29-2791-(1)	162	29-2722	284	29-2812-(1)	317
7.5' x 8'	29-2704	157	29-2794-(1)	177	29-2725	314	29-2815-(1)	334
10' x 8'	29-2707	172	29-2797-(1)	192	29-2728	344	29-2818-(1)	364
12.5' x 8'	29-2710	213	29-2800-(2)	253	29-2731	388	29-2821-(2)	428
15' x 8'	29-2713	362	29-2803-(2)	402	29-2734	569	29-2824-(2)	609
17.5' x 8'	29-2716	377	29-2806-(2)	429	29-2737	611	29-2827-(2)	651
20' x 8'	29-2719	404	29-2809-(2)	456	29-2740	654	29-2830-(2)	694

Size (w x h)	Model No. 7'-6" NFO	Shpg. Wt.	Model No. 7'-6" FO	Shpg. Wt.	Model No. 10'-0" NFO	Shpg. Wt.	Model No. 10'-0" FO	Shpg. Wt.
5' x 8'	29-2743	427	29-2833-(2)	467	29-2764	568	29-2854-(3)	628
7.5' x 8'	29-2746	472	29-2836-(2)	512	29-2767	629	29-2857-(3)	689
10' x 8'	29-2749	505	29-2839-(2)	545	29-2770	665	29-2860-(3)	725
12.5' x 8'	29-2752	564	29-2842-(4)	644	29-2773	739	29-2863-(4)	819
15' x 8'	29-2755	789	29-2845-(4)	869	29-2776	1,037	29-2866-(4)	1,117
17.5' x 8'	29-2758	847	29-2848-(4)	927	29-2779	1,081	29-2869-(4)	1,161
20' x 8'	29-2761	904	29-2851-(4)	984	29-2782	1,182	29-2872-(4)	1,262

10'-0" High Working Depth Extensions

"NFO" = no framed openings; "FO" = supplied with 16" x 54" framed opening(s) for light fixtures, quantity in parentheses

Size (w x h)	Model No. 2'-6" NFO	Shpg. Wt.	Model No. 2'-6" FO	Shpg. Wt.	Model No. 5'-0" NFO	Shpg. Wt.	Model No. 5'-0" FO	Shpg. Wt.
5' x 10'	29-2702	179	29-2792-(1)	199	29-2723	333	29-2813-(1)	366
7.5' x 10'	29-2705	194	29-2795-(1)	214	29-2726	363	29-2816-(1)	383
10' x 10'	29-2708	209	29-2798-(1)	229	29-2729	393	29-2819-(1)	413
12.5' x 10'	29-2711	250	29-2801-(2)	290	29-2732	437	29-2822-(2)	477
15' x 10'	29-2714	412	29-2804-(2)	452	29-2735	631	29-2825-(2)	671
17.5' x 10'	29-2717	427	29-2807-(2)	479	29-2738	673	29-2828-(2)	713
20' x 10'	29-2720	454	29-2810-(2)	506	29-2741	716	29-2831-(2)	756

Size (w x h)	Model No. 7'-6" NFO	Shpg. Wt.	Model No. 7'-6" FO	Shpg. Wt.	Model No. 10'-0" NFO	Shpg. Wt.	Model No. 10'-0" FO	Shpg. Wt.
5' x 10'	29-2744	500	29-2834-(2)	540	29-2765	666	29-2855-(3)	726
7.5' x 10'	29-2747	545	29-2837-(2)	585	29-2768	727	29-2858-(3)	787
10' x 10'	29-2750	578	29-2840-(2)	618	29-2771	763	29-2861-(3)	823
12.5' x 10'	29-2753	637	29-2843-(4)	717	29-2774	837	29-2864-(4)	917
15' x 10'	29-2756	875	29-2846-(4)	955	29-2777	1,148	29-2867-(4)	1,228
17.5' x 10'	29-2759	933	29-2849-(4)	1,013	29-2780	1,192	29-2870-(4)	1,272
20' x 10'	29-2762	990	29-2852-(4)	1,070	29-2783	1,293	29-2873-(4)	1,373

Back Exhaust Kits

Series 2100 industrial spray booths can be supplied with a conversion kit for back exhaust situations. A kit is available for all sizes of booths.

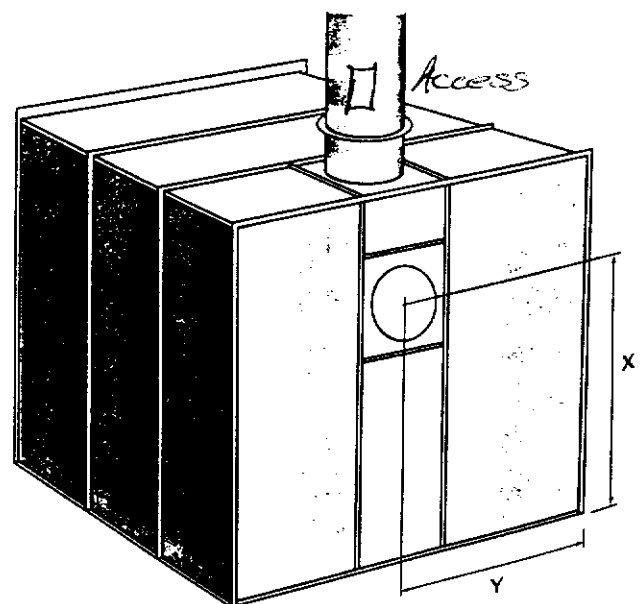
Part	x	y	Booth size (w x h)	Part	x	y	Booth size (w x h)	Part	x	y	Booth Size (w x h)
29-2625	4'6"	1'3"	5' x 7'	29-2632	5'6"	1'3"	5' x 8'	29-2639	7'6"	1'3"	5' x 10'
29-2626	4'6"	3'9"	7'6" x 7'	29-2633	4'3"	3'9"	7'6" x 8'	29-2640	6'3"	3'9"	7'6" x 10'
29-2627	4'6"	3'9"	10' x 7'	29-2634	5'6"	3'9"	10' x 8'	29-2641	5'0"	4'3"	10' x 10'
29-2628	4'6"	6'3"	12'6" x 7'	29-2635	5'9"	5'9"	12'6" x 8'	29-2642	7'9"	5'9"	12'6" x 10'
29-2629	4'6"	6'9"	15' x 7'	29-2636	5'6"	6'9"	15' x 8'	29-2643	7'6"	6'9"	15' x 10'
29-2630	4'6"	8'3"	17'6" x 7'	29-2637	5'9"	8'3"	17'6" x 8'	29-2644	7'9"	8'0"	17'6" x 10'
29-2631	4'6"	9'3"	20' x 7'	29-2638	5'6"	9'3"	20' x 8'	29-2645	7'6"	9'6"	20' x 10'

Note: The rear exhaust chamber panels can be re-arranged to provide other rear exhaust locations. The exhaust opening should be located as close to the booth centerline (side to side) as possible.

Replacement Arresting Filters and Grids

Each Series 2100 spray booth is furnished with sufficient overspray arresting filters to place it in service. Additional replacement filters may be ordered with the booth. Since many spray booth operating permits are conditioned on the continued use of the filter originally supplied by the booth manufacturer, replacement filters are available from Binks Sames distributors. Select the proper filter for your booth.

Part	No./Size/Description	Shipping Wt.
29-2371	20-20" x 20" Paint Pockets Pads	10 lbs.
29-2440	1-36" x 30' Paint Pockets Blanket	11 lbs.
29-2446	1-36" x 50' Paint Pockets Blanket	18 lbs.
29-359	1-36" x 30' AF Filter	21 lbs.
29-861	1-20" x 20" Filter Grid	1 lb.
29-2379	1-35 1/4" x 26" Filter Grid	2 lbs.



Back exhaust opening location

Air Make-Up Units

During paint spray operations the spray booth's exhaust system is removing significant quantities of plant air. A typical eight by ten foot booth exhausts more than 8,000 cubic feet of air per minute. If replacement air is pulled directly from outside, this volume may be sufficient to cool the interior of the building and may adversely affect the quality of coatings. An Air Make-up Unit supplies conditioned and filtered air to the booth, minimizing temperature variations and removing particulates that compromise finish quality. Binks Sames can configure an air make-up system that provides heated and filtered air to replace the warm air exhausted by the spray booth as well as that exhausted by surrounding air venting systems. Alternatively, an AMU plenum that draws building or outside air for the booth alone is also available. In either case, Binks Sames direct, gas-fired AMUs provide an economical source of clean, heated replacement air. All units are furnished complete with heater, filters, motor and blower, controls, mounting hardware and ancillary equipment.

Supply Air Filtration

Binks Sames recommends that spray booths used for decorative finishing be equipped with supply air filters as well. A filter wall fitted to the open end of the working depth can be supplied with three levels of filter protection. This filter system is unnecessary for customers choosing to install an air make-up unit.

Exhaust Duct/Stack

Binks Sames offers a full range of standard or spiral exhaust stack, connecting rings, elbows, access doors, flat or pitched roof flanges, and canopies. In addition, Binks Sames offers complete exhaust stack kits sized to match the standard and optional fans available with its Series 2100 spray booths.

Lighting

As noted in the previous tables, Series 2100 spray booths may be configured with one to four light fixtures depending on working depth width and length. Extended working depths may be equipped with additional light fixtures. Outside service Class I, Division II fluorescent fixtures are standard. Inside service Class I, Division II fluorescent fixtures or explosion-proof incandescent and fluorescent fixtures are optionally available.

Motor Starters and Controls

Choose from a complete range of appropriately sized fusible disconnect switches, starters, controls and energy-saving devices.

Manometer

(Supplied in compliance with OSHA requirements)

A manometer enables painters to monitor air pressure drop across the arresting filters during operations. It provides an accurate and easily visible indication of pressure drop and is included with each spray booth.

Automatic Safety Shut-Down System

This system automatically interrupts compressed air flow to spray equipment when accumulation of overspray on arresting filters exceeds a pre-set limit. Inclusion of this system is highly recommended for all automatic spray applications as well as manual ones to assist maintenance of proper air movement within the working depth.

Dry Chemical Fire Suppression System

Binks Sames has developed a pre-engineered package specifically tailored for spray booth operation. Systems are furnished installed and will only require electrical hook-up of the audible alarm at the spray booth by the customer.

Spray Booth Maintenance Supplies

To assist customers to maximize their spray booth performance, while holding down operating costs, Binks Sames offers a full line of spray booth maintenance supplies. In addition to the replacements AF Filter and Paint Pockets filters described previously, high-absorbing Flame-A-Guard floor paper and Booth Coat strippable coatings are offered to substantially reduce booth maintenance time and expense. The latter is offered in both reflective bright white and transparent crystal-clear water base formulations. A solvent based, bright-white strippable coating is also available.

Warranty

The Series 2100 spray booth is covered by the industry's most comprehensive warranty package. The fabricated sheet metal is covered by a ten-year limited warranty against manufacturing defects. Fans and lights are warranted for two years against defects in workmanship and materials. The balance of each spray booth is covered by Binks Sames' standard one year warranty. Complete warranty statements are available on request.

**Binks Sames . . .
Serving Industrial
Finishers for More
than 100 Years!**

- Aerospace and defense
- Agriculture and construction equipment
- Appliances
- Custom coaters and job shops
- Electrical equipment and components
- Lawn and garden equipment
- Metal furniture
- Motor vehicles, components and accessories
- Plastic and composites
- Transportation
- Wood furniture and wood products

Binks Sames Corporation – Beyond the Product

Binks Sames provides the industry's most complete line of industrial and commercial finishing equipment for its global base of general industry and automotive customers. With its line of state-of-the-art, flexible and cost-effective products, Binks Sames is the preferred source for liquid and powder finishing process equipment ranging from basic manual application outfits to robotic coating systems. Each Binks Sames product is designed with one common goal: the ability to produce a superior quality finish in the most efficient manner.

Innovative Finishing Equipment and Systems from Binks Sames

Binks Sames' complete range of quality finishing equipment meets virtually every need:

- Automatic Liquid and Powder Applicators
- Liquid and Powder Spray Booths
- Gun Movers
- Curing Ovens
- Ancillary Equipment
- Manual Liquid and Powder Applicators
- Liquid and Powder Coating Delivery
- Plural Component Metering and Delivery
- Application Process Controls

Our Research and Development Investment

Binks Sames has a significant ongoing commitment to research and development. Its Grenoble, France and Boulder, Colorado R&D operations produce a continuing stream of innovations. Our ongoing investments have enabled Binks Sames to be first to market with products as diverse as conversion HVLP to electrostatic powder bells. Our leading-edge technology improves the quality of our customers' finishes while reducing their costs and lowering their environmental emissions.

For Further Information...

For additional information on the Series 2100 Industrial Spray Booths, or other Binks Sames coating application and curing equipment and systems, call: **1-800-99-BINKS**

Sales Offices – Americas

*Atlanta, GA**
5575 Spalding Drive
Norcross, GA 30092-2559
Tel: (770) 447-5600
Fax: (770) 368-9411

*Detroit, MI**
11996 Merriman Road
Livonia, MI 48150-1919
Tel: (313) 525-6900
Fax: (313) 525-6917

*New York, NY**
1 Chapin Road
Pine Brook, NJ 07058-9719
Tel: (201) 575-6660
Fax: (201) 575-4034

Calgary, AB
235-21 Avenue N.W.
Calgary, Alberta T2M 1J4
Tel: (403) 276-6002
Fax: (403) 276-6011

Vancouver, BC
#24 - 91 Golden Drive
Coquitlam, BC V3K 6R2
Tel: (604) 941-9776
Fax: (604) 945-5104

*Chicago, IL**
9201 Belmont Avenue
Franklin Park, IL 60131-2887
Tel: (847) 671-3000
Fax: (847) 671-6489

Indianapolis, IN
500 Polk Street, Suite 15
Greenwood, IN 46143-1629
Tel: (317) 888-7100
Fax: (317) 888-7110

St. Louis, MO
1725 Larkin Williams Road
Fenton, MO 63026-2082
Tel: (314) 349-6655
Fax: (314) 349-2622

Edmonton, AB
1221 78th Avenue
Edmonton, Alberta T6P 1L8
Tel: (403) 440-4722
Fax: (403) 440-1228

*Cleveland, OH**
6909 Engle Road, Bldg. C, Units 31-32
Cleveland, OH 44130-3421
Tel: (440) 891-8181
Fax: (440) 891-8190

*Los Angeles, CA**
1405 Pioneer Street
Brea, CA 92821-3721
Tel: (562) 691-1900
Fax: (562) 691-2988

San Francisco, CA
One Edwards Court, Suite 202
Burlingame, CA 94010
Phone: (650) 589-8477
Fax: (650) 685-1553

Montreal, PQ
6412 Trans-Canada Highway
St. Laurent, PQ H4T 1X4
Tel: (514) 731-4000
Fax: (514) 735-8841

*Dallas, TX**
14340 Proton Road
Farmers Branch, TX 75244-3594
Tel: (972) 233-2500
Fax: (972) 702-9502

*Milwaukee, WI**
12705 Robin Lane
Brookfield, WI 53005-3125
Tel: (414) 781-6880
Fax: (414) 781-6854

Seattle, WA
1749 First Avenue, South
Seattle, WA 98134-1441
Tel: (206) 623-1350
Fax: (206) 623-4179

*Toronto, ON**
14 Vansco Road
Toronto, ONT M8Z 5J5
Tel: (416) 252-5181
Fax: (416) 252-3618

Mexico City, Mexico
Floresta No. 104
Colonia Claveria
Mexico, D.F., C.P. 02090, Mexico
Tel (from U.S.A.): (905) 527-9651
Tel (del interior de Mexico): (915) 527-9651

Sales offices with customer demonstration facilities



Binks Sames Corporation – Americas

9201 Belmont Avenue
Franklin Park, IL 60131-2887

Tel: (847) 671-3000
Fax: (847) 671-1471

Visit our Website at: www.binkssames.com

Your Binks Sames Contact:

ADVANCED EQUIPMENT SYSTEMS, INC.
312 A OTTERSON DRIVE
CHICO, CA 95928

Specifications are subject to change. Contact Binks Sames for information on the latest specifications.



Binks Sames

Features:

- High Efficiency, Balanced Construction
- Non Sparking Aluminum Blades
- One-Piece Housing with Integral Rolled Mounting Flanges
- Protected Pulleys and Belts
- Permanently Lubricated Bearings
- Adjustable Motor Mounting
- 2-Year Fan Warranty

Binks Sames' highly efficient exhaust fans can be mounted on top of or at the rear of a spray booth exhaust chamber or in the exhaust stack. This family of high-performance, belt-driven exhaust fans is furnished with spark-resistant construction and permanently lubricated ball bearings for years of trouble-free service. Fan blades are cast aluminum and precisely balanced for minimum vibration and maximum performance. Fan performance ratings are based on tests conducted in accordance with the Air Movement and Control Association's Standard 210. Drive motors are mounted outside the circular fan housing on a base sized for the standard TFFC NEMA motor frame. The drive belts and fan pulley are protected from dust, debris and hazardous dust and vapors by an enclosed vaportight enclosure. The motor mounting is adjustable for ease of belt tensioning and, when required, replacement. Exhaust fans are furnished complete with drive belts and motor pulley. The 30 Series exhaust fans are furnished with drive motors and belt guards. Ordering information for both is included in this product brochure.



Fan Housing will Be Grounded to Electrical System

RECEIVED

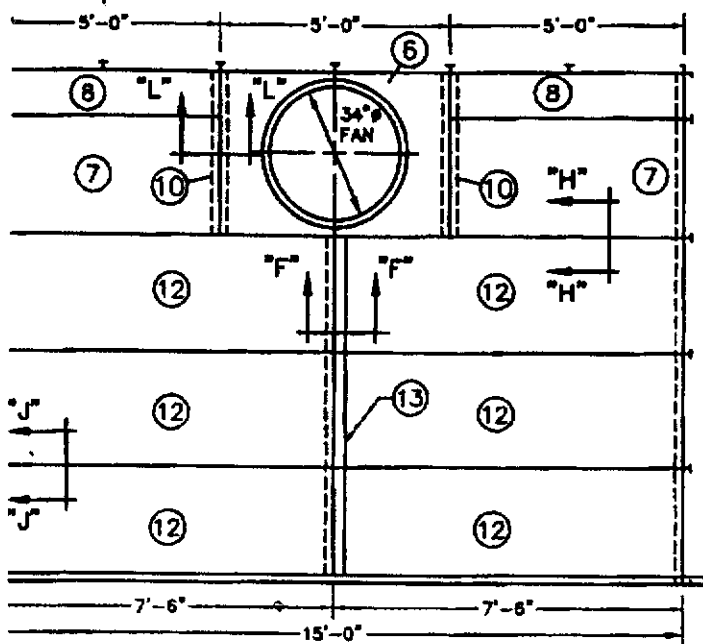
OCT 30 1998

Building Inspection Division

30 Series

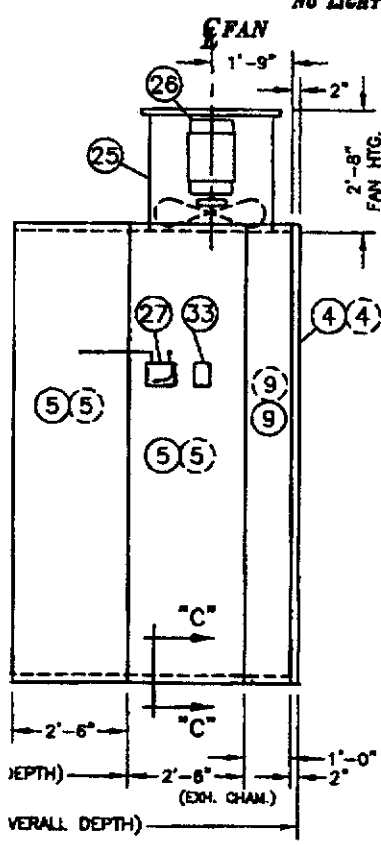
Exhaust Fans

Built in compliance with 1994 Uniform Fire Code Article 4502.2 Spray Booths

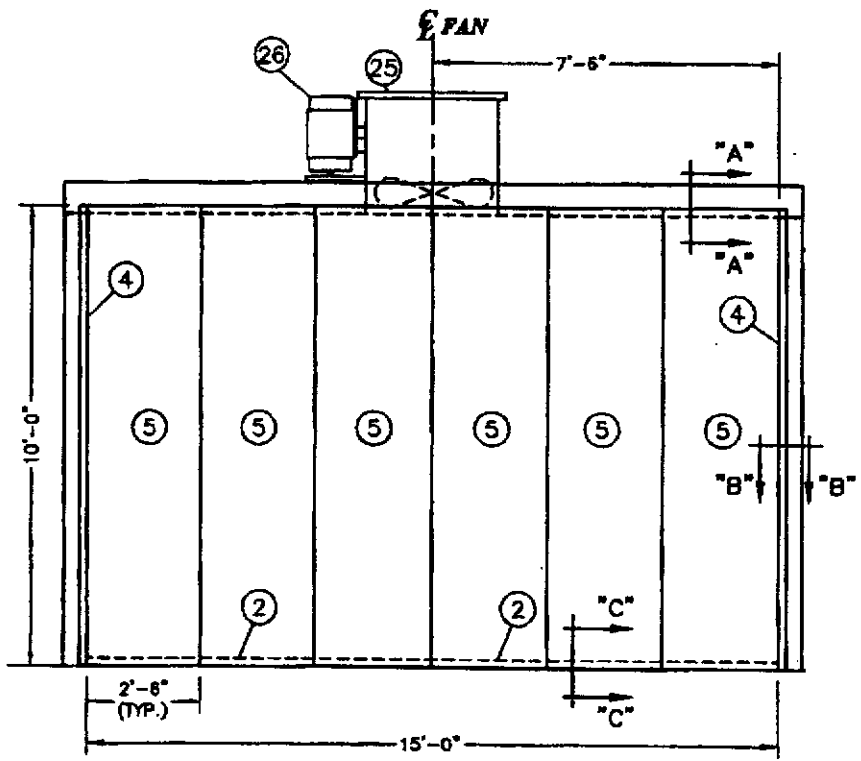


PLAN VIEW
NO LIGHTS

- GENERAL NOTES:**
- 1 - ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.
 - 2 - DIMENSIONS TO BE IN ALL CASES UNLESS OTHERWISE NOTED.
 - 3 - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE ALARMS CODE.
 - 4 - GENERAL: ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE ALARMS CODE.
 - 5 - GENERAL: ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE ALARMS CODE.
 - 6 - GENERAL: ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE ALARMS CODE.
 - 7 - GENERAL: ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE ALARMS CODE.
 - 8 - GENERAL: ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE ALARMS CODE.
 - 9 - GENERAL: ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE ALARMS CODE.
 - 10 - GENERAL: ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE ALARMS CODE.



FRONT ELEVATION



REAR ELEVATION

TV BOOTH APPROX. 100 F.P.M.	
EXHAUST FAN SPEC	
QTY	SP. 375°
1	1125 RPM
NO. PULLEY	NO. PULLEY
20-1447	20-8144
20-1447	20-8144
1	1.125

REVISION			
NO.	DESCRIPTION	DATE	BY

IMPORTANT NOTES:

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE ALARMS CODE.

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE ALARMS CODE.

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE ALARMS CODE.

SOLD TO:

SHIP TO:

JOB NO.:

DATE:

BY:

CHK:

APP:

DATE:

1/7/97

SCALE: 1/2" = 1'-0"

BINKS SAMES
FRANKLIN PARK, IL 60131

TITLE:
STANDARD 15-10-T
FLOOR TYPE SPRAY BOOTH

BINKS ORDER NO.:
CUSTOMER P.O. NO.:

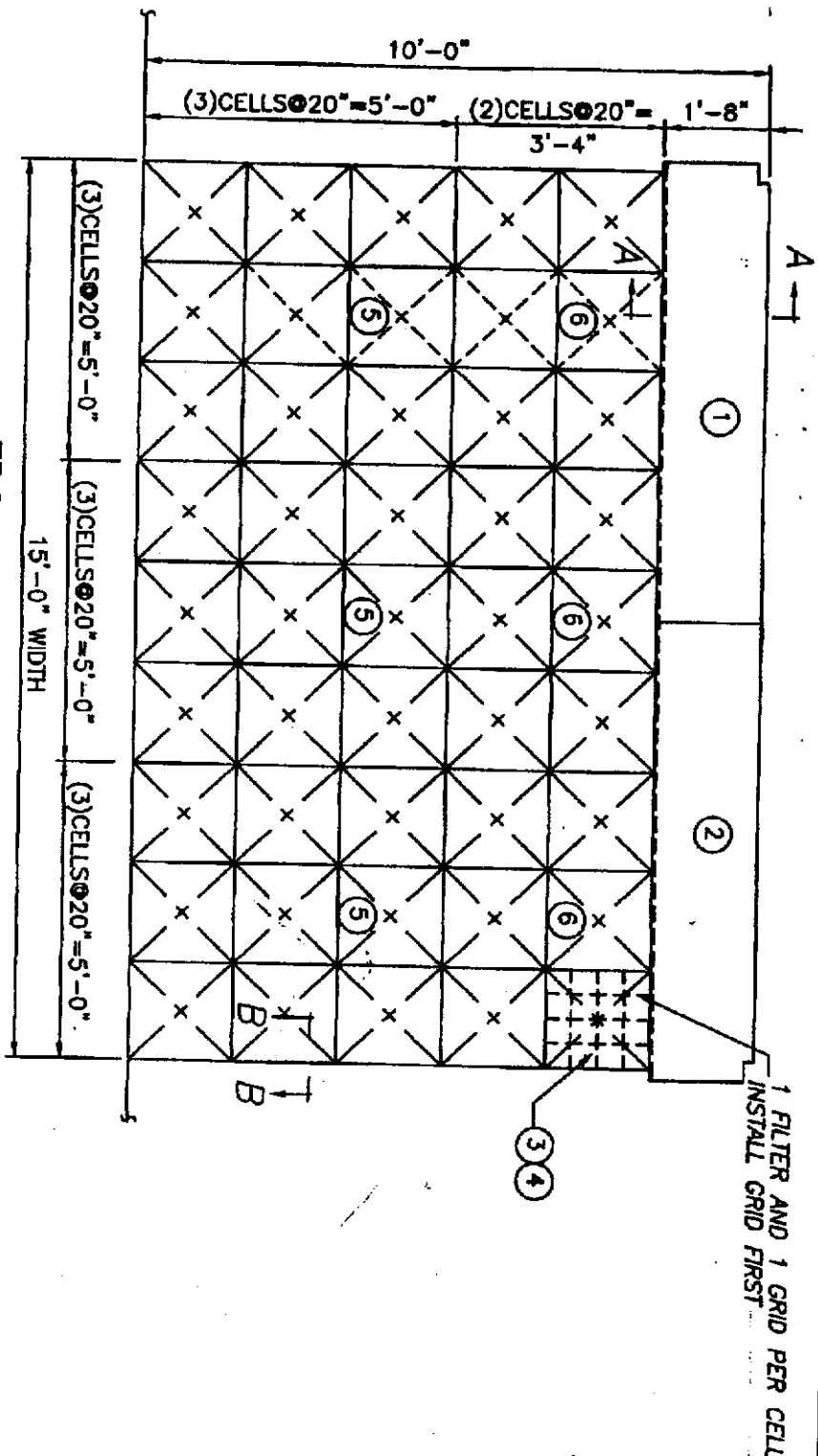
SCALE: 1/2" = 1'-0"

DATE: 1/7/97

SHEET NO. 1 OF 1

DRAWING NO. RR02414

REV. D



FRONT ELEVATION

BILL OF MATERIAL

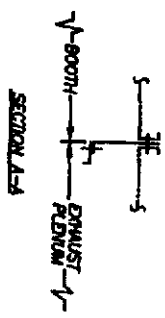
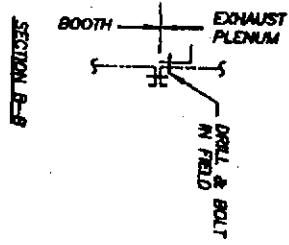
EM PART NO	DESCRIPTION	QUANTITY	SAMP	SOURCE	P.O. #
1	27-8362 PANEL-FILTER-TOP L.H.	1			
2	27-8361 PANEL-FILTER-TOP R.H.	1			
3	29-2371 PANT POCKET FILTER 20"x20"x1" (BOX OF 20)	3			
4	28-981 FILTER GRID (20"x20")	45			
5	27-8868 FILTER FRAME ASSY (9 CELLS)	3			
6	27-1144 FILTER FRAME ASSY (8 CELLS)	3			

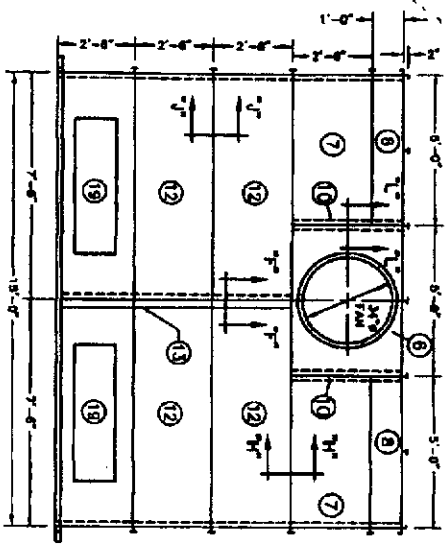
REV	REVISION	DATE	BY

IMPORTANT NOTES:
 UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS GIVEN IN INCHES
 TOLERANCES ARE .000" ANGLES 30°
 FINISHES ARE AS SHOWN
 THROUGH HOLE FIT UNLESS OTHERWISE SPECIFIED
 SHARP CORNERS REMOVE ALL SHARP
 EDGES ONLY FOR DATE BY

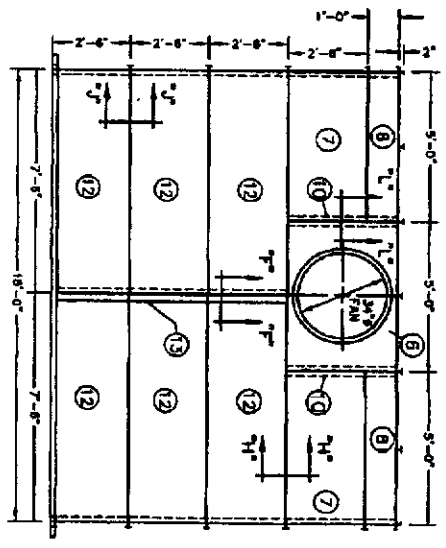
TITLE:
 BINKS SAMES
 FRANKLIN PARK, IL 60131
 STANDARD CF-15-10-T
 CELL FILTER BOOTH

SIZE: 3/8" x 1'-0"
DATE: 2/3/97
DRW: G **CHK:** DG **APP:** DG

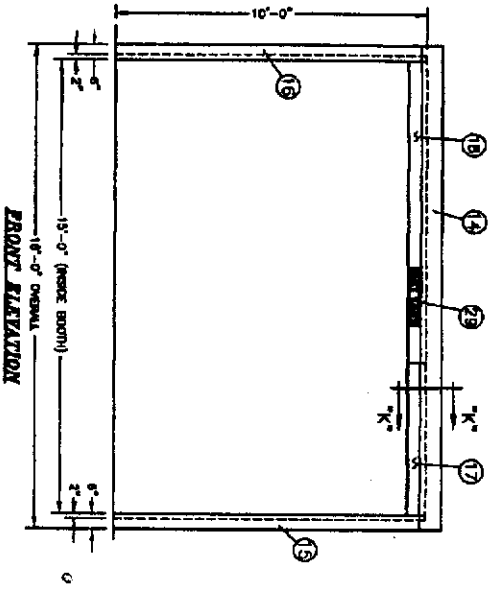




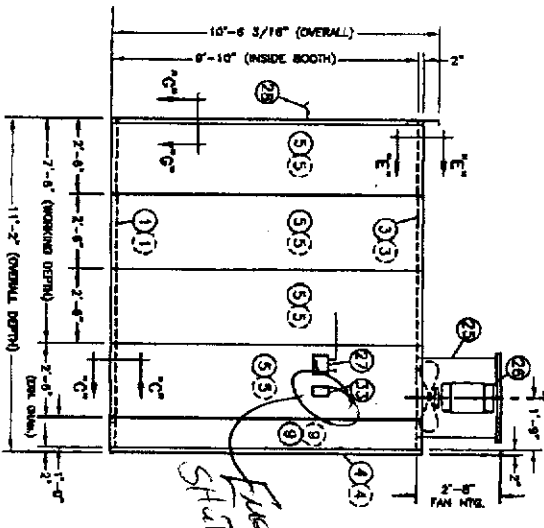
PLAN VIEW
FRONT ORIENTATION



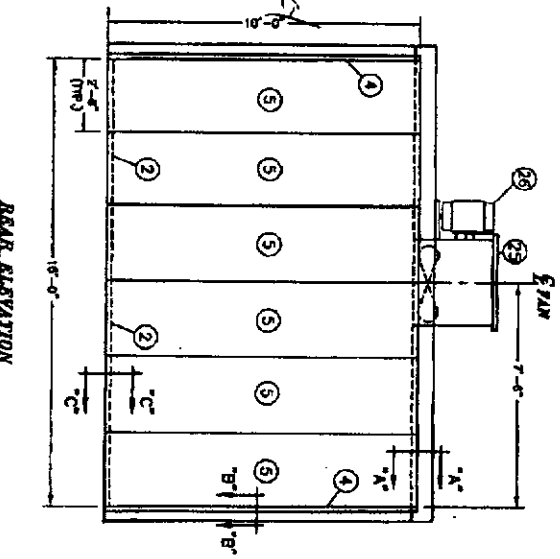
PLAN VIEW
NO ENTRY



FRONT ELEVATION



SIDE ELEVATION



REAR ELEVATION

GENERAL NOTES:

1. ALL WORK SHALL BE ACCORDING TO THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT AREAS AT ALL TIMES.
4. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ARCHITECT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
6. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
7. THE CONTRACTOR SHALL MAINTAIN A NEAT AND ORDERLY WORK SITE AT ALL TIMES.
8. ALL MATERIALS SHALL BE STORED PROPERLY AND PROTECTED FROM THE ELEMENTS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE AND BONDS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY REFERENCES.

GENERAL NOTES:

1. ALL WORK SHALL BE ACCORDING TO THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT AREAS AT ALL TIMES.
4. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ARCHITECT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
6. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
7. THE CONTRACTOR SHALL MAINTAIN A NEAT AND ORDERLY WORK SITE AT ALL TIMES.
8. ALL MATERIALS SHALL BE STORED PROPERLY AND PROTECTED FROM THE ELEMENTS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE AND BONDS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY REFERENCES.

GENERAL NOTES:

1. ALL WORK SHALL BE ACCORDING TO THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT AREAS AT ALL TIMES.
4. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ARCHITECT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
6. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
7. THE CONTRACTOR SHALL MAINTAIN A NEAT AND ORDERLY WORK SITE AT ALL TIMES.
8. ALL MATERIALS SHALL BE STORED PROPERLY AND PROTECTED FROM THE ELEMENTS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE AND BONDS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY REFERENCES.

FIELD NOTE:

1) LEVEL & ANCHOR ITEM ① ②

NO.	DESCRIPTION	QTY.	UNIT	PRICE	TOTAL
1	30'-3/4\"/>				

NO.	DESCRIPTION	QTY.	UNIT	PRICE	TOTAL
2	30'-3/4\"/>				

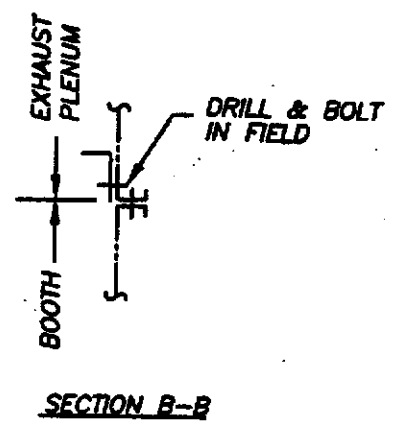
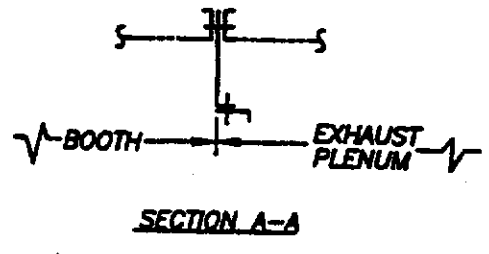
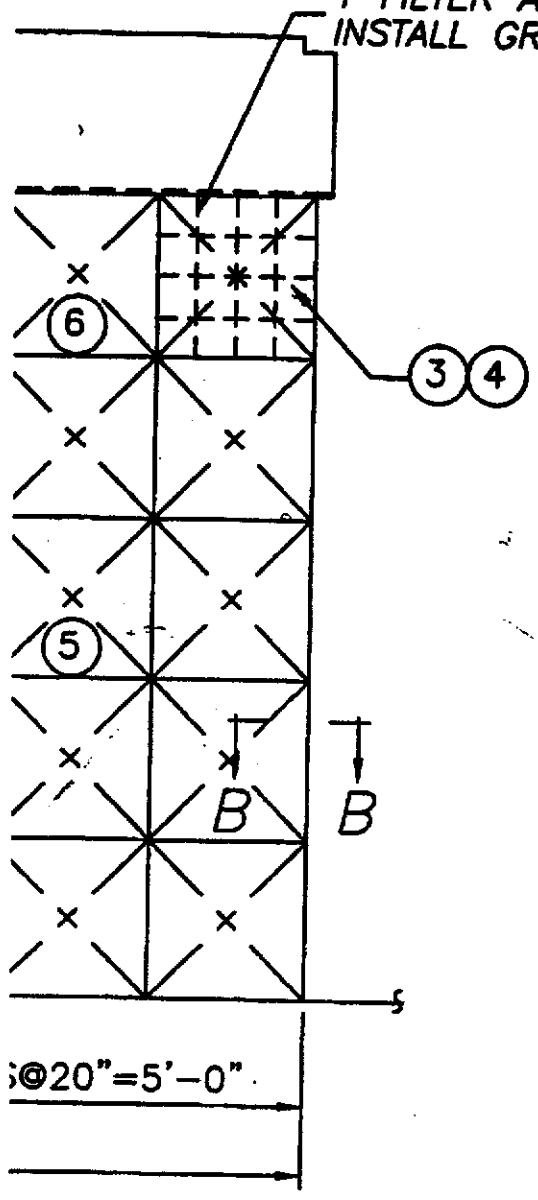
BINKS SAMES

STANDARD 16-16-1

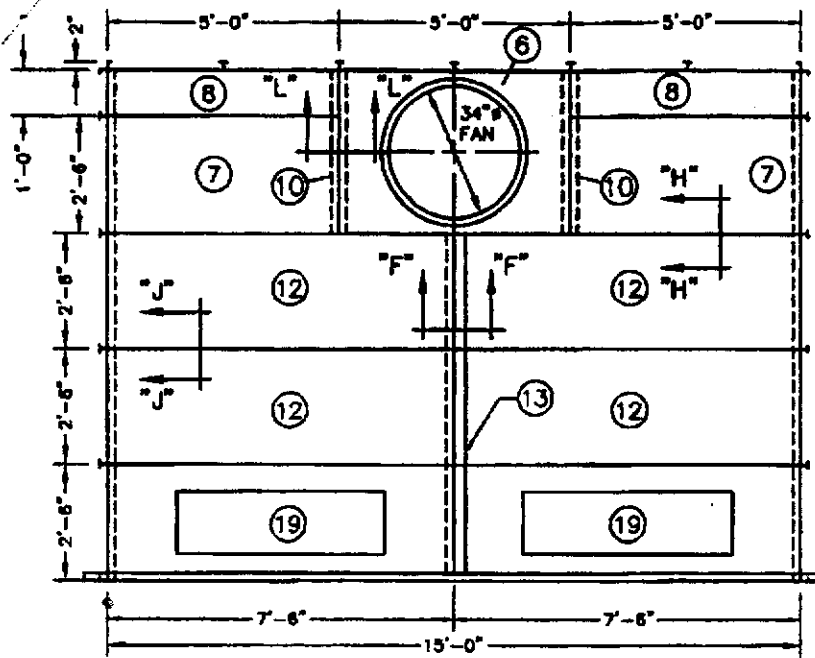
FLOOR TYPE SHOW ROOM

1/2\"/>

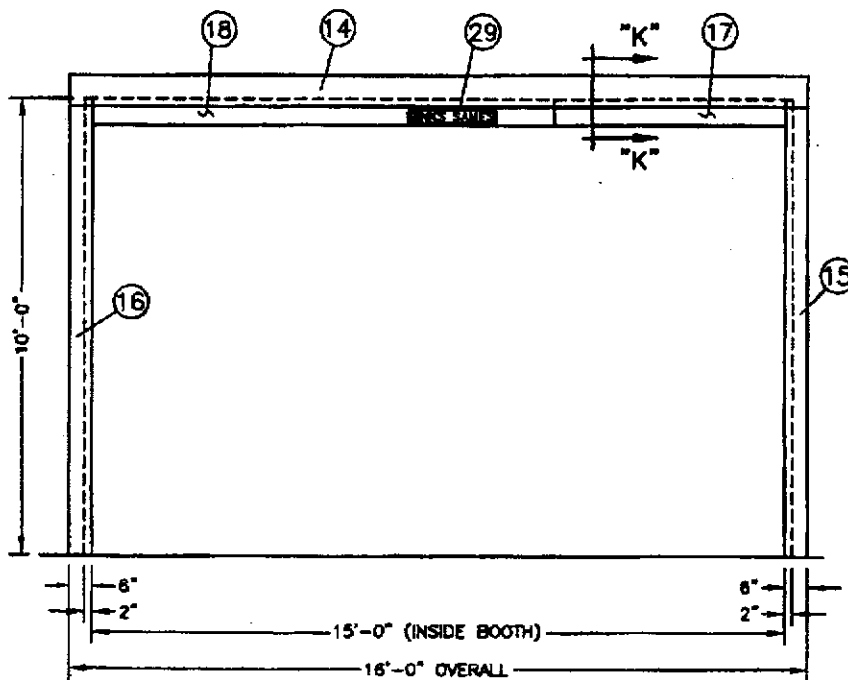
1 FILTER AND 1 GRID PER CELL
INSTALL GRID FIRST



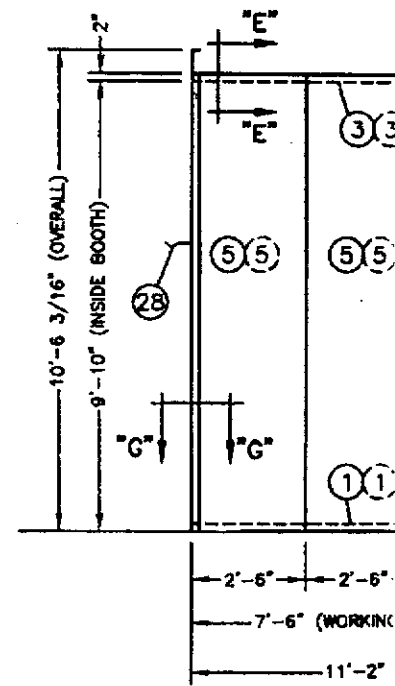
REVISION				IMPORTANT NOTES: UNLESS OTHERWISE SPECIFIED: DIMENSIONS GIVEN IN INCHES TOLERANCES: DEC. ±.004 FRAC. ±.008 CONCENTRICITY .008 TR, ANGLE ±1° FLAT ±.015 FORM +.000/-0.015 THREADS MUST FIT GAUGE, BREAK ALL SHARP CORNERS, REMOVE ALL BURRS CERTIFIED ONLY FOR: P.O. DATE BY	BINKS SAMES FRANKLIN PARK, IL 60131	
REV.	DESCRIPTION	DATE	BY		TITLE: STANDARD CF-15-10-T CELL FILTER BOOTH	
ASSEMBLY REFERENCE				MATERIAL CODE:	SIZE: B	SCALE: 3/8" = 1'-0"
PRODUCT/PART CODE:				MATERIAL:	DATE: 2/3/97	APP: DG
HEAT TREATMENT:				SIZE:	CHK: DG	SHEET: OF
				FINISH:	JOB NO.	DRAWING NO. 500100
						REV.



PLAN VIEW
W/LIGHT OPENINGS



FRONT ELEVATION



SIDE

FILTER SAFETY PROCEDURES FOR MATERIALS OF A HIGHLY FLAMMABLE NATURE

- A) ALL DISCARDED FILTER MEDIA SHALL BE IMMEDIATELY REPAKED TO A SAFE, WELL VENTILATED LOCATION OR PLACED IN A WATER-FILLED METAL CONTAINER AND DISPOSED OF AT THE CLOSE OF THE DAY'S OPERATION UNLESS MAINTAINED COMPLETELY IN WATER.
- B) FILTER MEDIA SHALL NOT BE USED WHEN APPLYING SPRAY MATERIAL KNOWN TO BE HIGHLY SUSCEPTIBLE TO SPONTANEOUS HEATING AND IGNITION.
- C) FILTER MEDIA SHALL NOT BE ALTERNATELY USED FOR DIFFERENT TYPES OF COATING MATERIALS, WHERE THE COMBINATION OF MATERIALS MAY BE CONJUNCTIVE TO SPONTANEOUS IGNITION.

FILTER INSTALLATION:

APPLY A COATING OF GREASE OR THE FRAME WHERE THE FILTER RESTS. THIS WILL AID IN EASY REMOVAL OF THE CONTAMINATED FILTER. THE FILTER SHOULD BE FITTED WITH EIGHT CORNERS TO EVERY FOOT OF BOOTH WIDTH AND TO FACE-FRAME CUTTING THE FILTER IS MARKED AT EVERY EIGHTH CORNER. CLIP IN ONE END, STRETCH ACROSS THE FRAME AND CLIP IN THE OTHER END. IF ANY SHORT PIECES ARE LEFT OVER, THEY CAN BE ATTACHED TO A NEW LENGTH, EITHER BY A STRIP OF MASKING TAPE OR BY STAPLER.

FIELD NOTE:

1) LEVEL & ANCHOR ITEM ① ② TO FLOOR WITH ITEM ③.

AIR VELOCITY THROUGH	
30-3480	
T FINE SCREEN	148
1750 RPM	
WAVE LENGTH	
TYPE	
FRONT	
BACK	
DATE	
BY	
NO.	
REV.	
DATE	
BY	

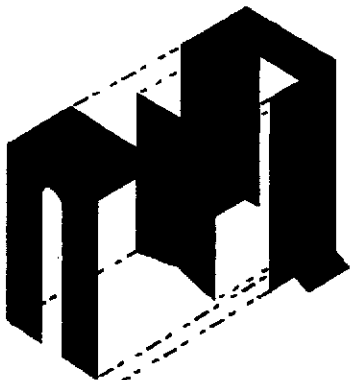
Process:

1. Determine the inside dimensions (height and width) in feet of the spray booth. The depth of the booth's Working Depth is not a factor.
2. Determine the booth's face area in ft² by multiplying its height (in feet) by its width (in feet).
3. Select the average face air velocity (typically from 100 FPM to 150 FPM).
4. Determine exhaust fan air flow requirements by multiplying the booth face area by the desired average face air velocity.
5. Select the appropriate exhaust fan model from the performance chart. Since most single stage dry or filter type booths operate at an average static pressure of .375 in. of W.C., using the data in this column select the smallest fan that exhausts at least as many CFM as calculated in Step 4.

Note: Multi-stage dry filter booths, water wash booths and booths with stack lengths beyond 25 ft. or with more than 2 elbows operate at higher static pressures. Contact your local Binks Sames representative for assistance.

Example:

1. Booth measures 8 ft. high by 12.5 ft. wide.
2. $8 \times 12.5 = 100 \text{ ft}^2$
3. Since booth has moderate conveyor openings, we'll select 115 FPM.
4. $100 \times 115 = 11,500 \text{ CFM}$
5. Using the Performance Chart's .375" W.C. column, we would select Model No. 30-3455 which exhausts 11,915 CFM.



Page 2

Ordering Information

Binks Sames New "30" Series Exhaust Fans with Extended Housings — Designed for 1725 R.P.M., C.W. Rotation, Drive Motors

Model No.	Motor H.P.	Fan CFM	Fan Size	Fan Height	No. of Elbows	Fan Style	Part No.	Shpg. Wt. (Lbs.)
30-1590	1/4	2,395	12"	11.5"	4	1	4L300	40
30-1852	1/4	1,459	18"	22"	6	1	A36	100
30-1853	1/4	1,618	18"	22"	6	1	A35	100
30-1854	1/4	1,943	18"	22"	6	1	A37	100
30-2450	1/2	1,243	24"	28"	4	1	A45	150
30-2451	1/2	1,342	24"	28"	4	1	A43	150
30-2452	3/4	1,399	24"	28"	4	1	A43	150
30-2454	1	1,516	24"	28"	4	1	A45	150
30-2456	1.5	1,697	24"	28"	4	1	A45	150
30-2457	2	1,786	24"	28"	4	1	A46	150
30-2458	3	1,877	24"	28"	4	2	A51	150
30-2459	3	1,923	24"	28"	4	2	A52	150
30-2460	3	1,969	24"	28"	4	2	A50	150
30-2461	3	2,016	24"	28"	4	2	A52	150
30-2462	3	2,063	24"	28"	4	2	A51	150
30-2463	5	2,268	24"	28"	4	2	BX51	150
30-2464	5	2,370	24"	28"	4	2	BX51	150
30-2465	5	2,471	24"	28"	4	2	BX52	150
30-3451	1.5	893	34"	32"	6	1	AX56	260
30-3453	1.5	976	34"	32"	6	1	AX56	260
30-3454	2	1,041	34"	32"	6	1	AX60	260
30-3455	2	1,114	34"	32"	6	1	AX60	260
30-3456	3	1,182	34"	32"	6	2	A59	260
30-3457	3	1,241	34"	32"	6	2	A58	260
30-3458	5	1,294	34"	32"	6	2	BX59	260
30-3459	5	1,327	34"	32"	6	2	A60	260
30-3460	5	1,361	34"	32"	6	2	A60	260
30-3461	5	1,395	34"	32"	6	2	A60	260
30-3462	5	1,435	34"	32"	6	2	A60	260
30-3463	7.5	1,519	34"	32"	6	2	BX62	260
30-3464	7.5	1,605	34"	32"	6	2	BX62	260
30-3465	7.5	1,666	34"	32"	6	2	BX61	260
30-4270	5	819	42"	32"	6	2	BX80	540
30-4271	5	863	42"	32"	6	1	B81	540
30-4272	5	906	42"	32"	6	1	B81	540
30-4273	5	949	42"	32"	6	1	A81	540
30-4274	7.5	970	42"	32"	6	1	BX82	540
30-4275	7.5	992	42"	32"	6	1	BX82	540
30-4276	7.5	1,013	42"	32"	6	1	BX82	540
30-4277	7.5	1,035	42"	32"	6	1	BX82	540
30-4278	7.5	1,078	42"	32"	6	1	B83	540
30-4279	10	1,121	42"	32"	6	1	BX83	540
30-4280	10	1,164	42"	32"	6	1	BX83	540
30-4281	10	1,186	42"	32"	6	1	BX85	540

Belt Guards

Belt guards are required for Factory Mutual approval and by OSHA when 30 Series are mounted less than 7 feet off the floor or in areas reasonably accessible to personnel. The following belt guards are intended for inside applications. Use Motor Housing to protect belts and motors mounted outside.

Model No.	Fan Diameter - Motor H.P.	Shpg. Wt.
29-1186-C	12", 18" / 1/4 - 1/2	2 Lbs.
29-1187-C	24", 34" & 42" / 1/2 - 5	3 Lbs.
29-1188-C	34" & 42" / 7 1/2 - 10	4 Lbs.
29-1186-H	18" & 24" / 1/2 - 5	2 Lbs.
29-1187-H	34" / 1 1/2 - 7 1/2	3 Lbs.
29-1188-H	42" / 5 - 10	4 Lbs.

*When ordering a belt guard for an existing exhaust fan, include the exhaust fan's serial number.