

THE SOLUTION FUME HOOD

APPLICATIONS: K-12; HIGHER EDUCATION; INDUSTRIAL; BIO TECH / R&D

**SPECIFY FITTINGS/
FIXTURES REQUIRED:**

NONE

BLOWER SWITCH (OPTIONAL) ☐

NONE
SERVICE

NONE
SERVICE

NONE
SERVICE

NONE
SERVICE

120V GFI DUPLEX (OPTIONAL) ☐

**SPECIFY FITTINGS/
FIXTURES REQUIRED:**

NONE

☐ LIGHT SWITCH (OPTIONAL)

NONE
SERVICE

NONE
SERVICE

NONE
SERVICE

NONE
SERVICE

☐ 120V GFI DUPLEX (OPTIONAL)

LINER MATERIAL:

POLY RESIN (standard)

PRE-PIPING:

NONE

OPTIONAL FH DEPTH:

☐ 39.25" Deep w/ 36" D
Epoxy dished top

BASE CABINET OPTIONS:

NONE

NONE

NONE

CABINET PULL OPTIONS:

N/A

WIRING DIAGRAM:

NO

LENGTH

☐ 48" ☐ 60" ☐ 72" ☐ 96"

Custom sizes available ; Contact AMS

SPECIAL REQUIREMENTS: _____

STANDARD FEATURES

- **Interior Baffle Arrangement:**
Fixed Baffles (standard)
- **Exhaust Collar:**
Type 304 s/s - 10" Dia. Round (standard)
Other
- **Interior Lighting Fixture:**
Standard LED Fixtures (standard)
- **Sash Frame & Glass:**
Painted Steel Frame w/ Laminated Safety Glass (standard)
- **Airfoil:**
Painted Steel (standard)
- **Sash Type:**
Vertical (standard)
- **Pre-Piping / Pre-Wiring:**
All hoods are pre-wired & pre-piped unless otherwise noted.
- **Sash Drive:**
Chain & Sprocket Sash Drive (standard)
- **Sight Line:**
36-inch high viewing sightline (standard)

OPTIONAL ACCESSORIES

Lattice Assembly: _____
NONE

Interior Lighting Fixture:
☐ Explosion Proof Light

Airfoil: _____
PAINTED STEEL (STANDARD)

Trough:
PAINTED STEEL (STANDARD)

Ceiling Enclosure:
☐ Yes (Height: _____) ☐ No
• **Hinged Access Panel on Ceiling Enclosures?:**
☐ Yes ☐ No

Finished Back:
☐ Yes ☐ No

Sash Type:
COMBINATION (Horizontal + Vertical)

Additional Options:
☐ Blower ☐ Sash Locks
☐ Sash Stops ☐ Electronic Sash Closer
☐ Automatic Sash Return ☐ Sash Cap
☐ Sash Alarm

Pass Through Cord Ports
☐ 1.5" Dia. Front Post Cord Ports
☐ _____ Dia. Side Panel Cord Ports (please specify size)

Service Fixture Type:
Special Plumbing Requirements

Pre-Wire + Electrical:
☐ Yes ☐ No



AIR MASTER SYSTEMS CORP
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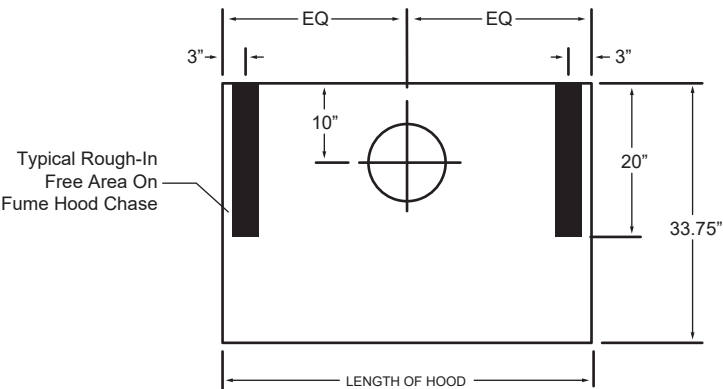
CUSTOMER:

QTY:

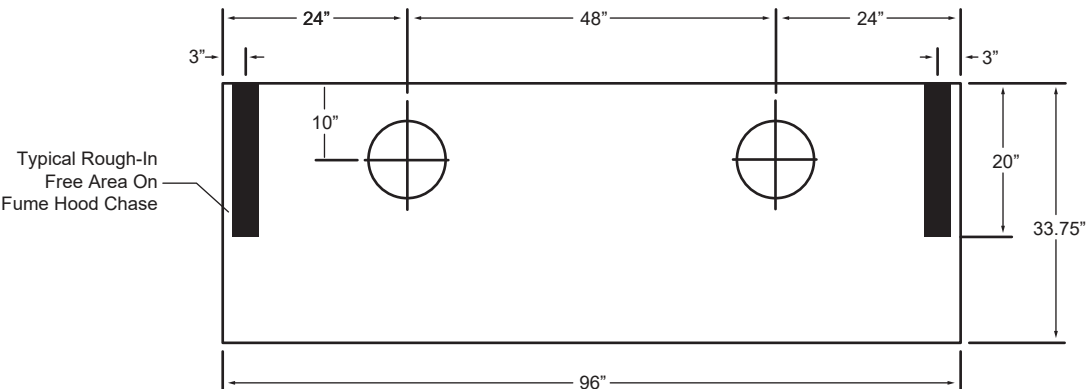
COLOR:

THE SOLUTION FUME HOOD

APPLICATIONS: K-12; HIGHER EDUCATION; INDUSTRIAL; BIO TECH / R&D



SERVICE ROUGH-IN DETAIL
(FOR 48", 60", & 72" HOODS)



SERVICE ROUGH-IN DETAIL
(FOR 96" HOODS)

EPOXY WORK SURFACE
(SPECIFY LOCATION OF CUPSINK)

*When utilizing 22" deep cabinets, cup sink measurement changes to 5.25" in lieu of 9"

Note: At 5.25", will have the cup sink sit slightly under the baffle.

☐ Include Acid Cabinet Vent Hole

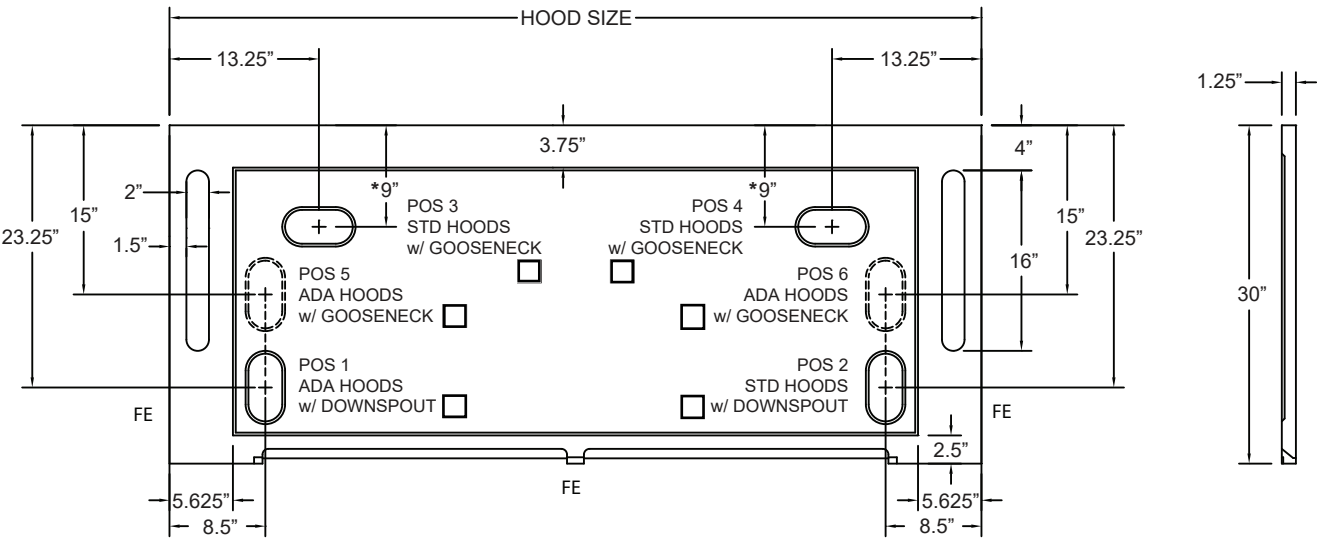
CUPSINK OPTIONS:

☐ NONE

☐ ADD 0.25" RAISED RIM

WORK SURFACE MATERIAL:

BLACK EPOXY (Standard)



PART #	SUPERSTRUCTURE			18" SASH HT.		28" SASH HT.	
				CFM	CFM	CFM	CFM
	W	H	D	@100 FPM / SP	@60 FPM / SP	@100 FPM / SP	@60 FPM / SP
Solution-48	48"	57.25"	33.75"	475 / 0.10	285 / 0.04	739 / 0.26	433 / 0.09
Solution-60	60"	57.25"	33.75"	625 / 0.12	375 / 0.05	972 / 0.32	583 / 0.12
Solution-72	72"	57.25"	33.75"	775 / 0.16	465 / 0.06	1206 / 0.41	723 / 0.15
Solution-84	84"	57.25"	33.75"	925 / 0.20	555 / 0.07	1438 / 0.50	863 / 0.18
Solution-96	96"	57.25"	33.75"	1075 / 0.11	645 / 0.04	1672 / 0.29	1003 / 0.10
Solution-120	120"	57.25"	33.75"	1375 / 0.17	825 / 0.06	2138 / 0.43	1283 / 0.16