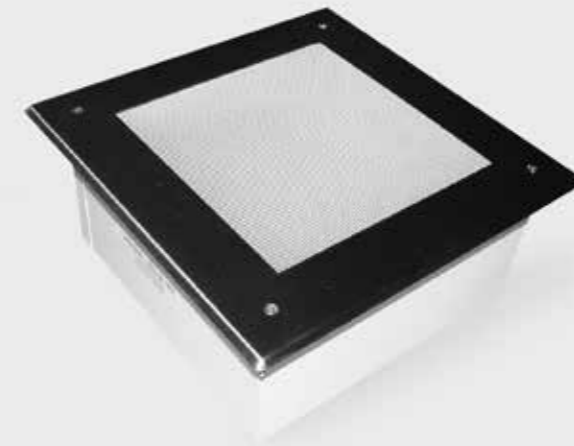


HOOD ACCESSORIES



RECESSED INCANDESCENT LIGHT FIXTURE



Specifications

Socket:

Side mounted porcelain medium base.

Wattage:

Accepts standard 150 watt A 23 bulb (not furnished).

Voltage:

Rated up to 120 volts.

Diffuser:

Crystal 73 tempered prismatic glass with prisma on inside of fixture.

Faceplate:

One piece, stainless steel with smooth satin finish.

Lockup:

(4) captive stainless steel screws.

Retainer:

Twin spring and cable for faceplate and frame.

Reflector:

Die formed aluminum with satin finish.

Wiring:

Connections to socket are made in the interior removable thermal insulated wiring chamber.

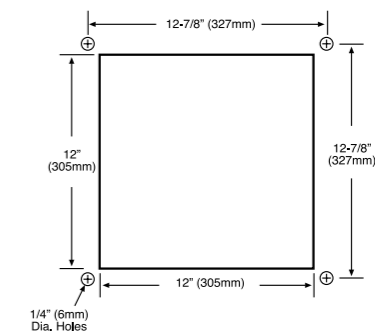
Body:

Steel recessed housing with baked white enamel finish.

Mounting:

(4) #10-24 x 3/4" (20mm) long threaded studs.

Cut-Out Mounting Diagram



Recessed Incandescent Canopy Hood Light Fixture Model No. NSF-87-TG-2

- U.L Listed and C.S.A. Certified for use in commercial cooking hoods.
- Meets all requirements for N.F.P.A. & N.E.C. 410.
- N.S.F. Component listing.
- Satin finished stainless steel faceplate to match hood interiors.
- Tempered, prismatic glass diffuser.



Surface Mount Incandescent Light Fixture



Surface Mount Canopy Lighting Fixture

U.L. Model No.	CSA Model No.	Description
L50 - 1004**	L50 - 1004 - CSA	Furnished with plastic coated* thermal and shock resistant tempered glass globe.
L50 - 1024	L50 - 1024 - CSA	Furnished with plastic coated* thermal and shock resistant tempered glass globe and glass wire guard.

Note: ** Indicates N.S.F. Listed Model.



L50 Series Lighting Fixture Replacement Parts

Ref.	Desc.	Model No.
A	Adapter Plate	L50 - X009
B	Lamp Housing Assembly Complete with Porcelain Socket & required Silicone Gaskets	L50 - Y010
C	Silicone Gasket, Outer	L50 - X004
D	Silicone Gasket, Inner	L50 - X003
E	Lamp Housing	L50 - X001
F	Porcelain Socket	L50 - X002
G	Globe, Tempered Glass Thermal & Shock Resistant Plastic Coated	L50 - X011
H	Wire Gard	L10 - X020



Surface Mount Canopy Lighting Fixtures For Commercial Cooking Hoods

Specifications

Fixture Body: Die cast aluminum with brushed finish.

Socket: Porcelain body with copper shell.

Wire Leads: 14 AWG, 6" (150mm) long.

Ground Lead: 6" (150mm) long green colored AWG wire.

Wattage: Accepts standard 100 watt A 19 bulb (not furnished).

Voltage: Rated up to 120 volts.

Gasket: Silicone

Globe: Plastic coated*, thermal and shock resistant tempered glass.

Wire Guard: Plated Steel

Overall Size: 5-1/2" (140mm) diameter 8-3/4" (220mm) long with wire guard

Junction Box: Not furnished. Fixture is designed to accept any standard 3-1/2" (90mm) or 4" (100mm) junction box.

- U.L Listed and C.S.A. Certified for use in commercial cooking hoods.
- Meets all requirements for N.F.P.A. & N.E.C. 410
- Designed for convenient installation to prewired hoods.
- Greaseproof, waterproof and heatproof construction.
- Aluminum fixtures are furnished with a brushed finish to match stainless steel hood interiors.

NOTE

*Plastic coated globes provided with "TUFF-SKIN" coating, which eliminates hot spot browning/discoloration of the globe - prevents glass shatter from impact, dropping, unusual stresses and thermal shock. It is scratch-resistant, USDA approved and improves light sources by providing better diffusion.

Underwriters Laboratories (UL) Standard 1571, requires fixtures in commercial cooking hoods to be mounted a minimum of 4 feet (1200mm) above the cooking surface.

BAFFLE TYPE GREASE FILTER



Operation

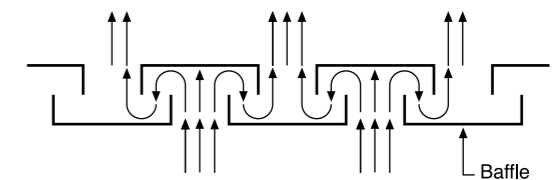
Grease laden air is drawn into the baffle filter by exhaust fan. As the air passes through the aerodynamically designed interlocking u-shape baffles, the air velocity and air pressure increases while changing its direction of 180 degrees two times. The grease is then separated in the airstream and settles on the inner surface of the baffles, leaving the exiting air with a lower amount of contaminants. The grease slides down quickly on the baffles and run off into a grease trough and then to the removable collection cup.

Fire Barrier

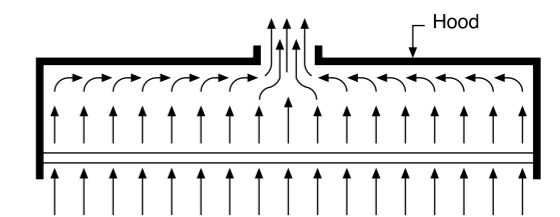
Compared to mesh type filter, in the event of flash fire on the surface of cooking equipment, the interlocking baffles provide a fire barrier. A mesh type filter where grease is deposited simultaneously on the front face, represent a significant fire hazard. Any flare-up on the surface of cooking equipment will easily ignite the grease deposited on the mesh type filter and may cause a fire inside the hood and inside the connecting ducts. There is no any U.L. listed mesh type filter and is not acceptable to use for commercial cooking operations due to the increased fire hazard.

Self - Balancing

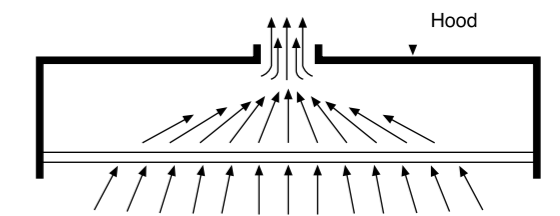
The baffle type filter is aerodynamically designed to provide a self-balancing airflow throughout the entire length of the hood.



Grease Separation at 180 ° Airflow Direction

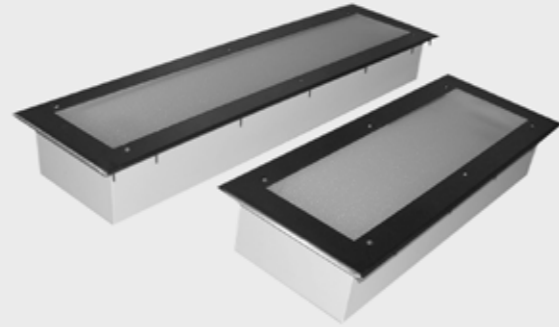


Self Balancing Airflow Through Baffle Type Grease Filter



Airflow through Mesh Type Filter

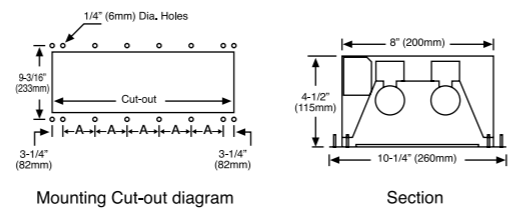
RECESSED FLUORESCENT LIGHT FIXTURE



Recessed Fluorescent Low Profile Canopy Hood Light Fixtures



- N.S.F. listed, U.L. listed and C.S.A. Certified for use in commercial cooking hoods.
- Meets all requirements for N.F.P.A. & N.E.C. 410.
- Only 4-1/2" (115mm) high... for limited overhead clearance applications.
- Tempered, prismatic glass diffuser with one piece satin finished stainless steel face frame to match hood interiors.



L50 Series Lighting Fixture Replacement Parts

Model No.	Lamps Required	Overall Trim Size	Cut-out Size	Holes Req'd	"A" Dim.
NSF - 8220 - TS - 2	(2) F20T12TS	10-1/4" x 26-1/4"	8-1/2" x 24-1/2"	12	6"
*NSF - 8220 - M	(2) F17T8	(260 x 660 mm)	(215 x 620 mm)		(150 mm)
NSF - 8230 - RS - 2	(2) F30T12RS	10-1/4" x 38-1/4"	8-1/2" x 36-1/2"	14	7-1/2"
*NSF - 8230 - M	(2) F25T8	(260 x 970 mm)	(215 x 930 mm)		(190 mm)
NSF - 8240 - RS - 2	(2) F40T12RS	10-1/4" x 50-1/4"	8-1/2" x 48-1/2"	14	10-1/2"
*NSF - 8240 - M	(2) F32T8	(260 x 1270 mm)	(215 x 1230 mm)		(235 mm)

NOTE: *Note: T8 Electronic octron ballast Available upon request
 *All models listed with -M suffix are furnished with 220V, 50 cycle ballast

Specifications

Ballast: Standard 120 volts, 60 cycle, high power factor, class P, U.L. listed. (220 volts, 50 cycle models are available as listed with -M suffix)

Lamps: T12 Fluorescent lamps (not furnished).

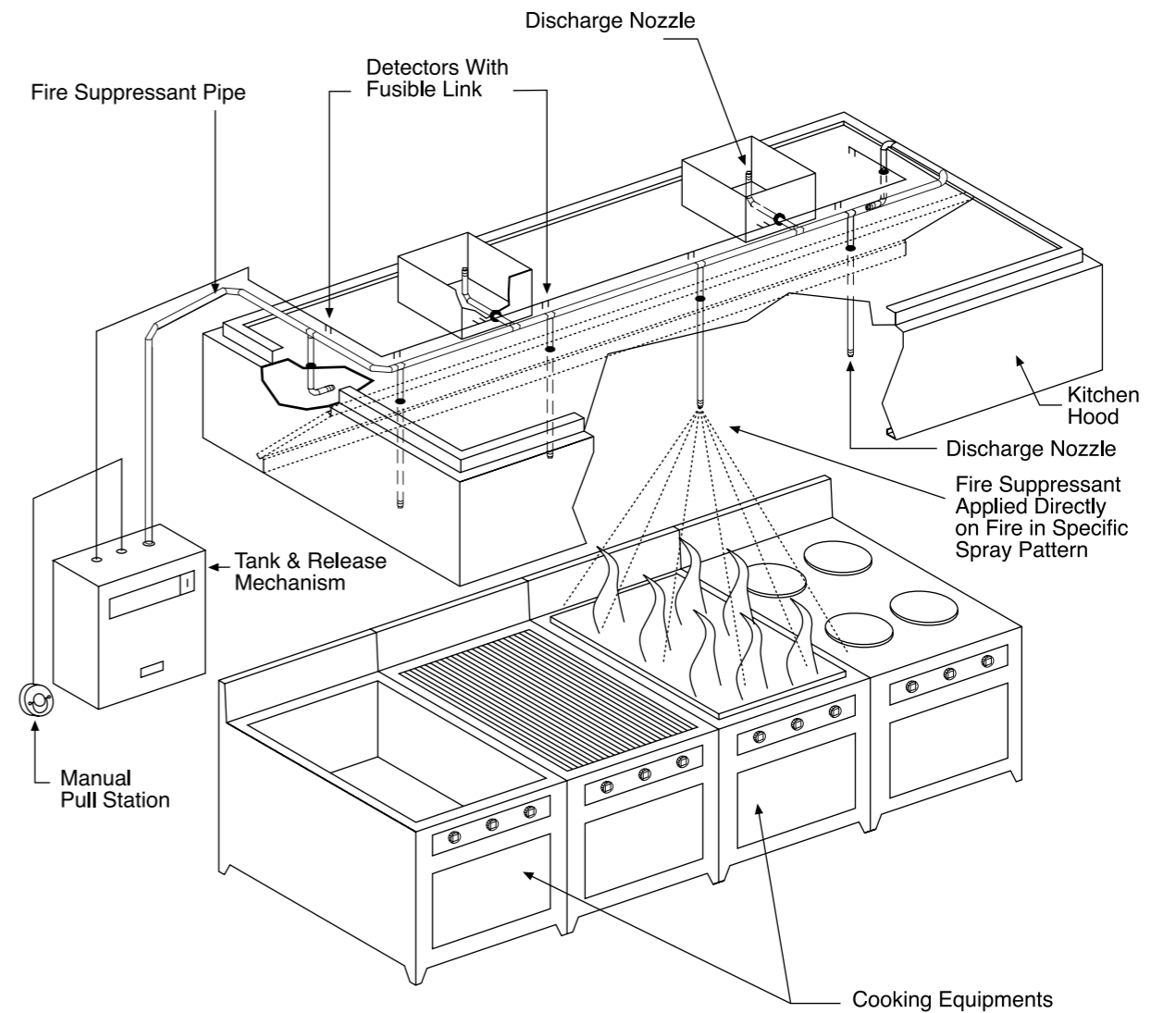
Diffuser: Crystal 73 tempered prismatic glass with prisms on inside of fixture, mounted in to a stainless steel face frame with special sealing gasketing. Secured to fixture body with stainless steel screws for easy servicing.

Reflector: Baked with white enamel finish, providing a minimum of 87% diffused reflection.

Body: Steel with a baked white enamel finish.

Mounting: #10-24 x 3/4" (20mm) long threaded studs.

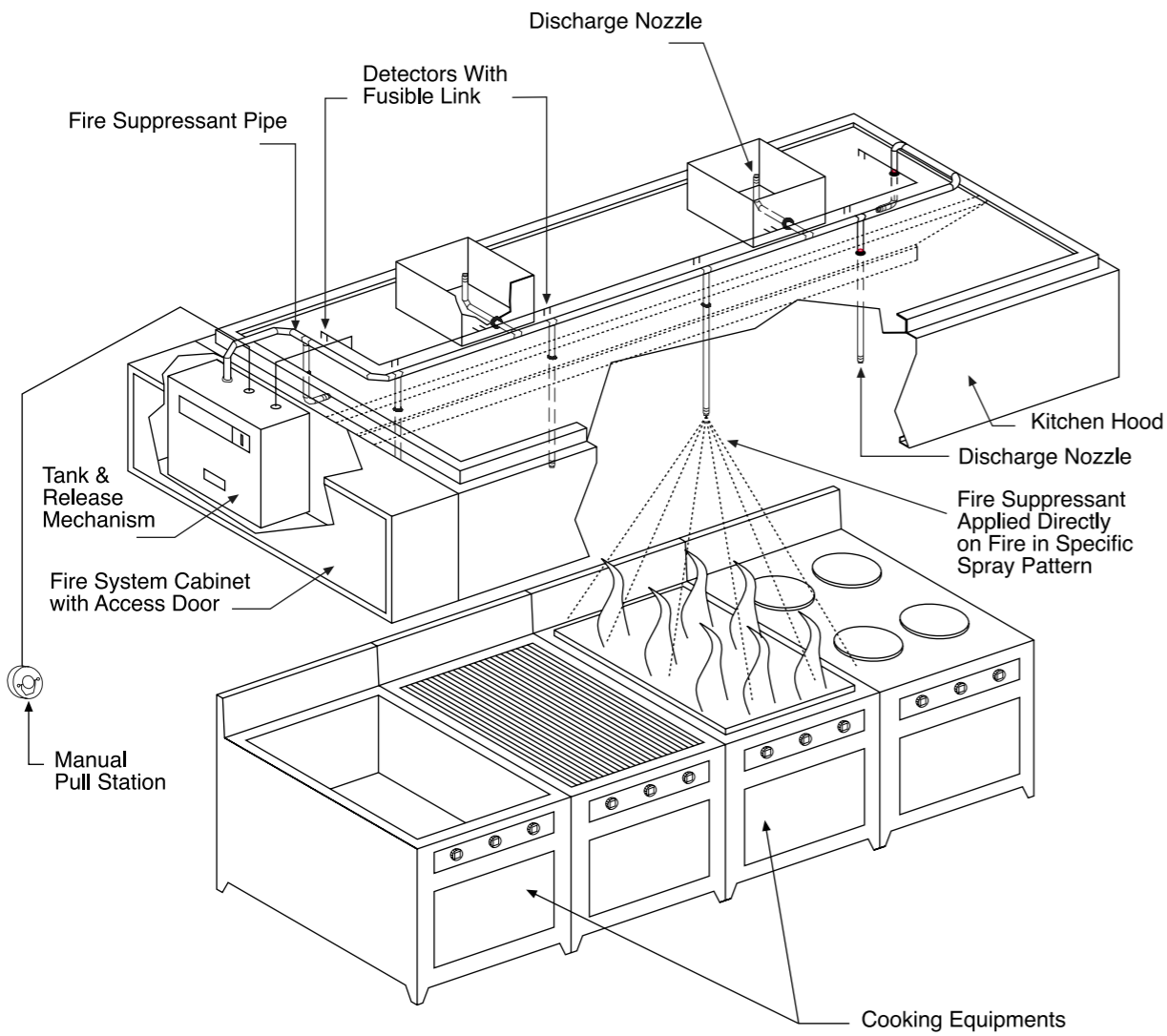
Hood with Tank and Release Mechanism: Wall Mounted



NOTE

For Factory Pre-Pipes Hoods for Fire Suppression System, please consult SAFID.

Hood with Tank and Release Mechanism: Mounted within Optional Cabinet

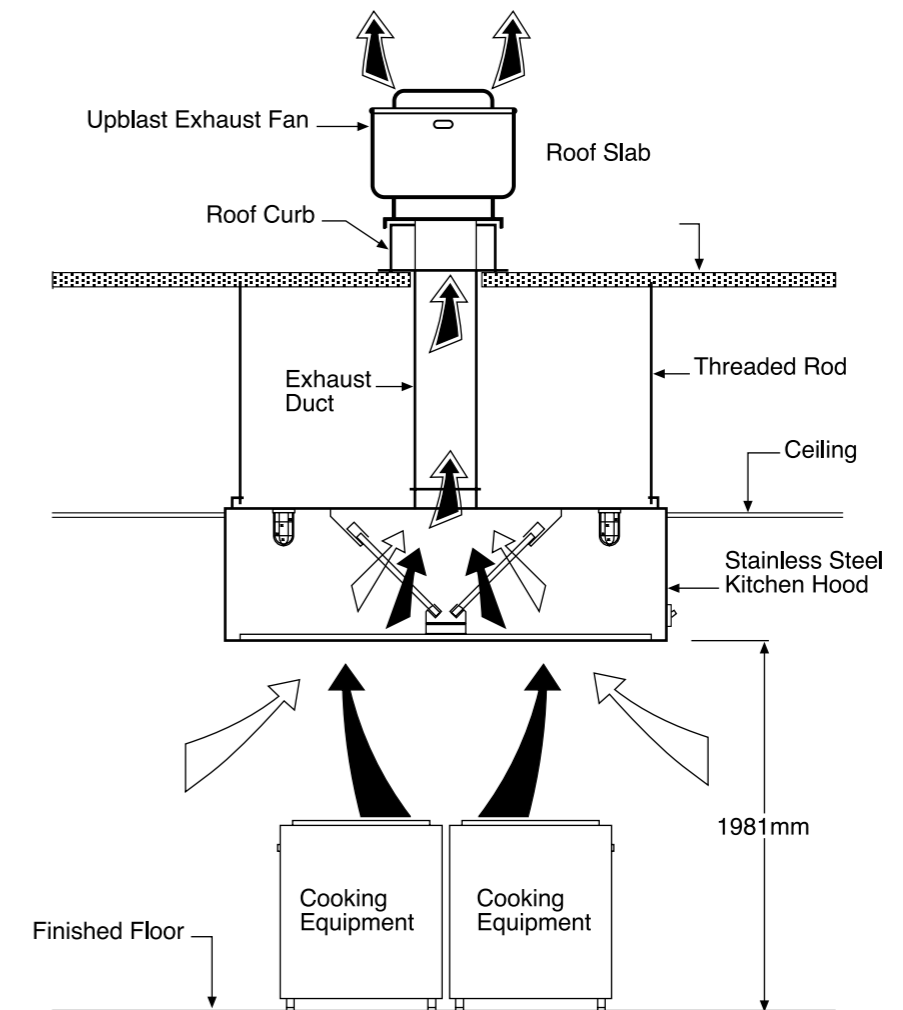


NOTE

For Factory Pre-Pipes Hoods for Fire Suppression System, please consult SAFID.

ISLAND TYPE EXHAUST HOOD - SHI - 100

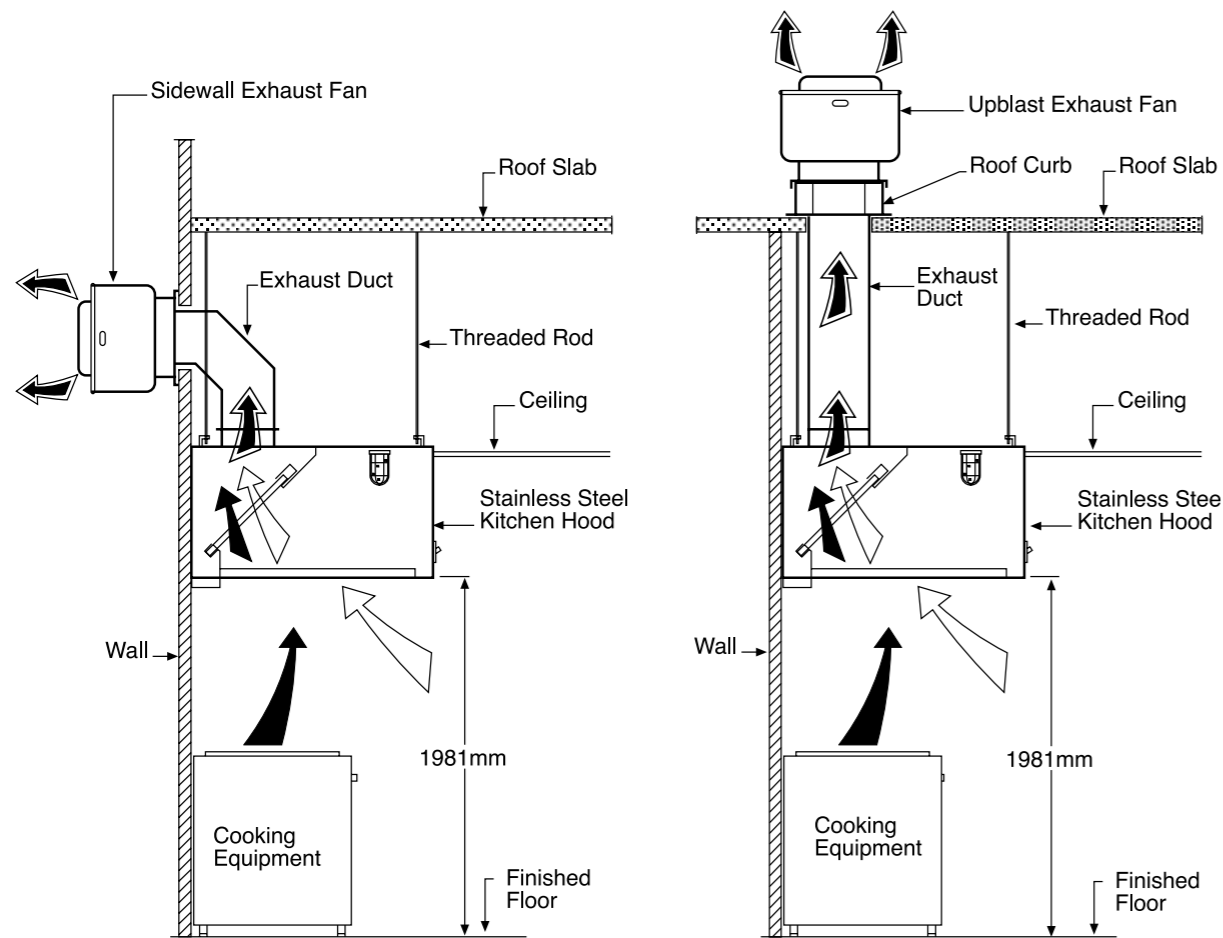
Typical Site Installation: With Upblast Exhaust Fan



Typical Installation with Upblast Exhaust Fan

WALL TYPE EXHAUST HOOD - SHW - 100

Typical Site Installation: With Sidewall or Upblast Exhaust Fan

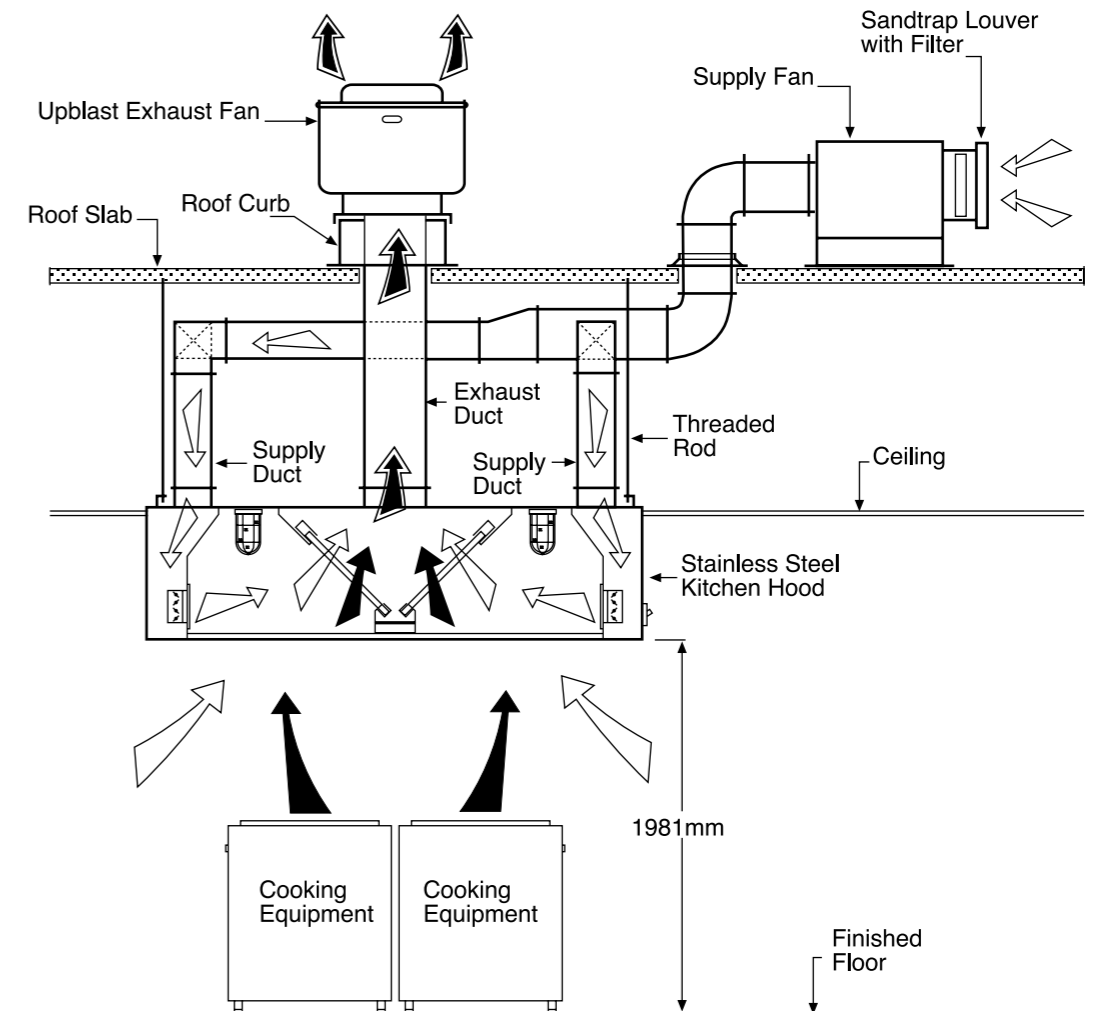


Typical Installation with Sidewall Exhaust Fan

Typical Installation with Upblast Exhaust Fan

WALL TYPE EXHAUST HOOD - SHI - 200 A

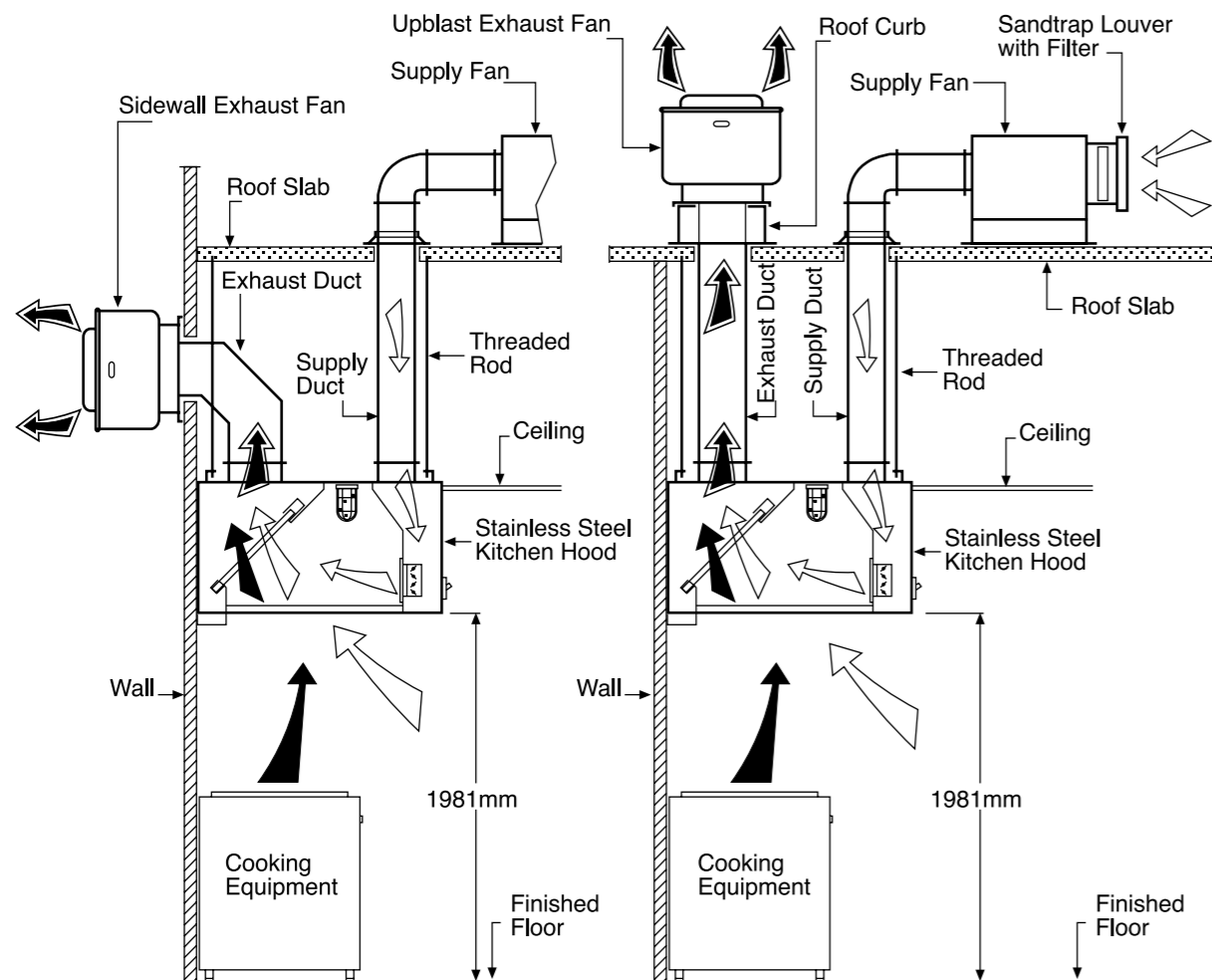
Typical Site Installation: With Upblast Exhaust Fan and Supply Fan



Typical Installation with Upblast Exhaust Fan & Supply Fan

WALL TYPE COMPENSATING HOOD - SHW - 200 A

Typical Site Installation: With Upblast Exhaust Fan and Supply Fan



Typical Installation with Sidewall Exhaust Fan & Supply Fan

Typical Installation with Upblast Exhaust Fan & Supply Fan



Construction

1. Hoods
Hoods shall be constructed of 18 gauge (1.2mm thk.) stainless steel type 304 no. 4 finish or any requested finish if available in stock. All unexposed surfaces are to be of gauge 22 (0.8mm thk.) stainless steel type 304, 2B mill finish. Hoods shall include a filter housing constructed of the same material as the hood. The filter housing shall terminate grease in a pitched full length grease trough, which shall drain into a removable grease cup.

Compensating hoods being either wall or island type shall have air supplied (make-up air) through supply registers which provide easy adjustable air control and effective air deflection. The make-up air coming through the register first passes through a supply air plenum. The supply air plenum can be insulated with 25mm thk. fiberglass thermal insulation as an option. For more information, see typical hood details.

2. Electrical System
The hoods will be supplied with U.L. listed vaporproof incandescent light fixture; prewired to a junction box mounted on the top of the hood.

3. Dimensional Limitations
Hoods can be supplied in any required size built of multiple sections if the size exceed the dimensional limitations as specified on every type of hood. Heights can be supplied in ranges from 400 up to 800mm.

4. Accessories
A. Covering Board
Covering boards are available for covering the space between the top edge of the hood and the ceiling. The covering boards are manufactured of the same material and finish as the hood.

B. Fire Dampers
Hoods to be equipped with fire damper built of stainless steel and activated by a fusible link. The fire damper blades is to be of spring loaded and curtain type. Fire dampers to be installed at the hood collars for both supply air and exhaust air side.

C. Access Doors
When fire dampers are used in supply or exhaust side, an access door is recommended for every fire damper. The access door shall be installed on the supply and exhaust duct for cleaning, inspection and for reloading when whenever the fusible link has been defused.

D. Special Finishes
Hoods can be supplied with special finishes, i.e., epoxy coated galvanized steel, or aluminum construction. Standard material used is stainless steel type 304 no. 4 finish.

Accessories

Lights

Hoods will be supplied with UL listed vaporproof incandescent light fixtures prewired to a junction box mounted on top of the hood for field connection to power supply.

Grease Filters

All filters to be of baffle type construction of stainless steel type 304, no. 4 finish, supplied with fold down handles for easy removing and cleaning. Filter drain all grease into a full length grease trough made of stainless steel pitched to drain grease from filter and exhaust plenum into a removable grease cup.

Fire Suppression System

SAFID can supply hoods with holes predrilled in the Factory ready to have pipes for the fire suppression systems alongwith fire system cabinet fixed to hoods constructed with the same material of hood.

SAFID can coordinate with ANSUL representative or with other fire suppression system supplier for a factory prepiped hood and a complete fire suppression protection package

Perforated Face Supply

SAFID hoods type SHW 200 series and SHI 200 series can be supplied with perforated face panel constructed of stainless steel type 304 in lieu of the register.

The perforated face panel provide a uniform distribution of air with reduced velocities.

Optional Construction

Hood Construction (Optional)

Hoods can be supplied in galvanized steel, painted steel or black steel in lieu of standard stainless steel, and in 16 gauge in lieu of standard 18 gauge stainless steel.

Covering Board (Optional)

Covering boards are available for covering the space between the top edge of the hood and the ceiling. The covering boards are manufactured of the same material and finish as the hood.

Grease Filters (Optional)

Filters can be supplied in aluminum or galvanized steel sheet.

Light Fixtures (Optional)

Flourescent light fixtures prewired and fixed to hood.

Supply Plenum (Optional)

SAFID to insulate all internal side of air supply plenums with 25mm thickness thermal insulation, 48 kg/m³ with foil reinforced kraft (FRK) facing to eliminate condensation due to tempered supply air or due to surrounding air.

Fire Damper (Optional)

Hoods can be equipped with fire dampers built of stainless steel and activated by a fusible link. The fire damper blades is to be of spring loaded and curtain type. Fire dampers to be installed at the hood collars for both the supply air and exhaust air side.

Access Door (Optional)

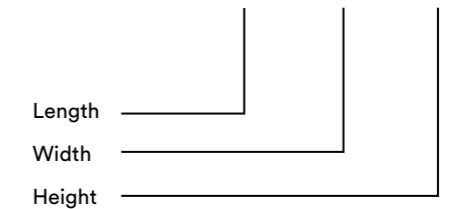
When fire dampers are used in supply air and exhaust air side, an access door is recommended for every fire damper. The access door shall be installed on the supply and exhaust duct for cleaning, inspection and for reloading whenever the fusible link has been defused.

Order Details

Order Code: SHW - 100 / 2400 x 1100 x 600

Variants:

- SHW = SAFID Hood, Wall Type
- SHI = SAFID Hood, Island Type
- SHO = SAFID Hood, Oven Hood
- SHC = SAFID Hood, Condensate Hood
- 100 = Exhaust Only
- 200A = Compensating Hood with Internal Discharge
- 200B = Compensating Hood with Downward Discharge
- 200C = Compensating Hood with Front Face Discharge
- 200AB = Compensating Hood with Internal and Downward Discharge
- 200AC = Compensating Hood with Internal and Front Face Discharge
- 200BC = Compensating Hood with Downward and Front Face Discharge



Order Example

1. **Make:** SAFID
Code: SHW - 100 / 2400 X 1100 X 600
Qty: 1 pc
2. **Make:** SAFID
Code: SHW - 200A / 2400 X 1100 X 600
Qty: 1 pc
3. **Make:** SAFID
Code: SHI - 100 / 2400 X 1250 X 600
Qty: 1 pc
4. **Make:** SAFID
Code: SHI - 200A / 2400 X 1650 X 600
Qty: 1 pc

HOOD WEIGHTING

Weights of Hood

Weight of Hood for 600 mm Standard Height (kg/meter)

Type of Hood	Width of Hood (mm)					
	1100	1150	1250	1650	2000	2400
Wall Type Exhaust Hood Model: SHW - 100	125					
Wall Type Compensating Hood Model: SHW - 200 Series	141		149			
Island Type Exhaust Hood Model: SHI - 100			181	202	228	
Island Type Compensating Hood Model: SHI - 200 Series				241	264	291

