



## **GOLDEN TEMPLE**



AMRITSAR

## **SPECIFICATIONS FOR** **MODULAR KITCHEN EQUIPMENT**

Dated: 12/08/2014

### **ARCHITECT**

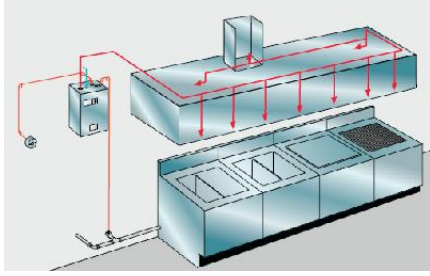
HABITAT ARCHITECTS 1777, MAHARAJ NAGAR, LDH.


### **CLIENT**


SHIROMANI GURDWARA PARBANDHAK COMMITTEE.




GOLDEN TEMPLE - AMRITSAR				
BILL OF QUANTITY FOR MODULAR KITCHEN EQUIPMENT				
ITEM NO.	QTY	DESCRIPTION	UNIT RATE	AMOUNT
<b>GROUND FLOOR</b>				
HOT FOOD PREP AREA				
K-03	1	FIRE SUPPRESSION SYSTEM		
K-43	1	VENTILATED CEILING EXHAUST		
<b>FIRST FLOOR</b>				
HOT FOOD PREP AREA				
SK-03	1	EXHAUST HOOD		
SK-03A	1	FIRE SUPPRESSION SYSTEM		
<b>SECOND FLOOR</b>				
CHAPATI MAKING AREA				
CM-16	1	EXHAUST HOOD		
CM-16A	1	FIRE SUPPRESSION SYSTEM		
CM-17	1	EXHAUST HOOD		
CM-17A	1	FIRE SUPPRESSION SYSTEM		
CM-24	1	EXHAUST HOOD		
CM-24A	1	FIRE SUPPRESSION SYSTEM		
CM-26	1	EXHAUST HOOD		
CM-26A	1	FIRE SUPPRESSION SYSTEM		
CM-28	5	EXHAUST HOOD		
CM-28A	5	FIRE SUPPRESSION SYSTEM		

ITEM NO : K-03		FIRE SUPPRESSION SYSTEM			
QUANTITY: 1					
SIZE OF VENTILATED CEILING EXHAUST					
Area 413.8 sq. mt.	Height: 300 mm				
CAPACITY					
M.E.P REQUIREMENT		SPECIFICATIONS			
PLUMBING :		<ul style="list-style-type: none"> <li>Final size &amp; qty verify as per site &amp; co-ordinate with ventilated exhaust ceiling vendor.</li> <li>Provide a complete PIRANHA® automatic, water-assisted, wet chemical, fire suppression</li> <li>Should provide 100% protection as required by codes, standards, national, state, and local requirements.</li> <li>water assisted wet chemical suppression system(s)</li> <li>With a manual pull station to be located in a path of egress.</li> <li>With fusible links in each exhaust duct and above each appliance or groups of appliances protected by a single nozzle.</li> <li>With appropriate sized (1", 1¼", 1½", or 2") lockable ball valve for connection to the domestic water supply.</li> <li>With stainless steel pipe drops to the discharge nozzles.</li> <li>With connection to the building fire alarm system</li> <li>The system, including all of its components, shall be UL Standard 300/ ULC Standard ORD-C1254.6 Listed.</li> <li>The wet chemical shall be PRXO Liquid Fire Suppressant.</li> <li>The system shall be capable of manual and automatic actuation.</li> <li>Automatic actuation shall be initiated by separation of fusible links.</li> <li>Shall include a means of manual release and provisions for fuel shutoff.</li> <li>Wet chemical fire extinguisher shall be provided.</li> </ul>			
Cold	Ø			1"	
Hot	Ø			NA	
Waste	Ø			NA	
ELECTRIC :					
Power	15 Amp				
Voltage	220-50-1				
Gas:					
BTU	NA				
Con.	Ø			NA	mm
ACCESSORIES:		Unit installed with all Standard Accessories.			
SPECIAL NOTE:					
PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER					
ANSUL	AMEREX		BUCKEYE		
PIRANHA	KP		BFR		

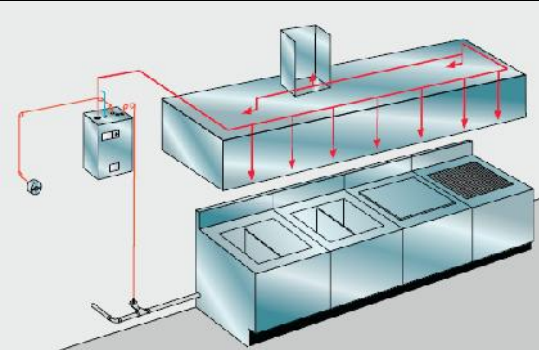
ITEM NO : K-43			VENTILATED CEILING EXHAUST		
QUANTITY: 1			<p style="text-align: center;">Tentative Image</p> 		
SIZE					
Area 413.8 sq. mt.		Height: 300 mm			
CAPACITY					
M.E.P REQUIREMENT			SPECIFICATIONS		
PLUMBING :			<ul style="list-style-type: none"> <li>• Size as per plan.</li> <li>• Extraction plenums of AISI 304 SS, one side with the brushed, 320 grain, of 1 mm thickness.</li> <li>• Condensation collected and removed through a drain.</li> <li>• Each exhaust plenum with a single water supply ramp made of SS. Nozzles and caps easily removable, One solenoid valve installed upstream of each water supply ramp.</li> <li>• The outline of the ventilated ceiling shall be equipped with one or several collectors made of SS.</li> <li>• Inspection panels, made from AISI 304 SS.</li> <li>• The system with double capture jet TM technology. The Capture Jet chamber insulated.</li> <li>• Condensate collecting gutter with a non-resin clip valve as a condensate outlet.</li> <li>• The first stage filtration, FC (baffle) SS grease separator. Separators mirror polished, measuring 500 x 250 x 20 mm, with handles.</li> <li>• Light white colour with laminated safety glass 6mm with matt white foil.</li> <li>• The cover panels between plenums will be arched, in AISI 304 stainless steel, 320 grain, of 1 mm thickness.</li> <li>• The spigot connections for supply and extract air shall be supplied with a sealing gasket and air flow balancing damper plate.</li> <li>• SS CCW control cabinet automatically controls cleaning cycles . Water, feeding the control cabinet shall be softened Th &lt; 7°e (1,5 mmol/l), with a temperature of 50 – 60°. The dosing system operates add the detergent into the supply water pipe work.</li> </ul>		
Cold	∅	NA			
Hot	∅	1"			
Waste	∅	2" Dr Waste			
ELECTRIC :					
Power	(for light)				
Voltage	220V-50C-1Phase				
EXHAUST					
		40700 CFM (Verify)			
GAS:					
BTU	NA				
Con.	∅	mm			
ACCESSORIES:			Accessories for installation & operation.		
SPECIAL NOTE:			HVAC Cutouts and fresh air cutouts to be coordinated with HVAC consultant. Shop drawing with plan, elevation and section to be submitted for approval.		
PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER					
HALTON			VIANEN		
KCW			CUSTOM BUILT		

ITEM NO : SK-03				EXHAUST HOOD (SINGLE PLENUM)			
QUANTITY: 1							
SIZE							
Width: 12500 mm	Depth 2100 mm	Height: 555 mm					
CAPACITY							
M.E.P REQUIREMENT				SPECIFICATIONS			
PLUMBING :				<ul style="list-style-type: none"> <li>• External and internal parts to be manufactured in SS 304</li> <li>• Fully welded joints</li> <li>• Should have removable, washable SS grease filters. Filters washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection.</li> <li>• Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, fluorescent light with IP 55 rating, diffusing glass, to provide 500 lux of light through-out the hood</li> <li>• Should have IP65 Electrical fittings</li> <li>• Wiring should be in heat resistant conduits</li> <li>• To be provided with adjustment Dampers</li> <li>• To be suspended on ceiling with hanger rods.</li> </ul>			
Cold	∅	NA					
Hot	∅	1"					
Waste	∅	2"					
ELECTRIC :							
Power	0.5 K.W (for light)						
Voltage	220V-50C-1Phase						
EXHAUST							
	5630 CFM (Verify)						
GAS:							
BTU	NA						
Con.	∅		mm				
ACCESSORIES:				Accessories for installation & operation.			
SPECIAL NOTE:				HVAC Cutouts to be coordinated with HVAC consultant. Shop drawing with plan, elevation and section to be submitted for approval.			
PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER							
GAYLORD				HALTON		VIANEN	
				KWI			


ITEM NO : SK-03A			FIRE SUPPRESSION SYSTEM		
QUANTITY: 1					
SIZE					
Width: 12500 mm	Depth: 2100 mm	Height: 555 mm			
CAPACITY					
M.E.P REQUIREMENT			SPECIFICATIONS		
PLUMBING :			<ul style="list-style-type: none"> <li>• Provide a complete PIRANHA® automatic, water-assisted, wet chemical, fire suppression</li> <li>• Should provide 100% protection as required by codes, standards, national, state, and local requirements.</li> <li>• water assisted wet chemical suppression system(s)</li> <li>• With a manual pull station to be located in a path of egress.</li> <li>• With fusible links in each exhaust duct and above each appliance or groups of appliances protected by a single nozzle.</li> <li>• With appropriate sized (1", 1¼", 1½", or 2") lockable ball valve for connection to the domestic water supply.</li> <li>• With stainless steel pipe drops to the discharge nozzles.</li> <li>• With connection to the building fire alarm system</li> <li>• The system, including all of its components, shall be UL Standard 300/ ULC Standard ORD-C1254.6 Listed.</li> <li>• The wet chemical shall be PRXO Liquid Fire Suppressant.</li> <li>• The system shall be capable of manual and automatic actuation.</li> <li>• Automatic actuation shall be initiated by separation of fusible links.</li> <li>• Shall include a means of manual release and provisions for fuel shutoff.</li> <li>• Wet chemical fire extinguisher shall be provided.</li> </ul>		
Cold	Ø	1"			
Hot	Ø	NA			
Waste	Ø	NA			
ELECTRIC :					
Power	15 Amp				
Voltage	220-50-1				
Gas:					
BTU	NA				
Con.	Ø	NA			
ACCESSORIES:			Unit installed with all Standard Accessories.		
SPECIAL NOTE:					
PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER					
ANSUL		AMEREX		BUCKEYE	
PIRANHA		KP		BFR	

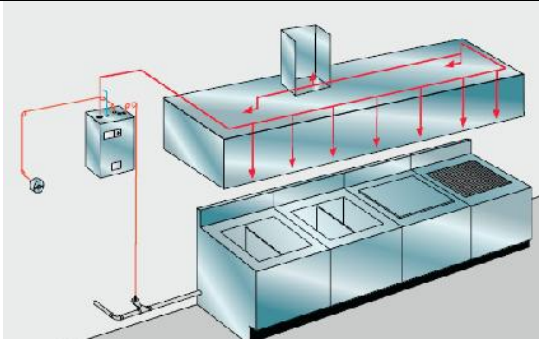
ITEM NO : CM-16			EXHAUST HOOD (SINGLE PLENUM)		
QUANTITY: 1					
SIZE					
Width: 7200 mm	Depth 2400 mm	Height: 555 mm			
CAPACITY					
M.E.P REQUIREMENT			SPECIFICATIONS		
PLUMBING :			<ul style="list-style-type: none"> <li>• External and internal parts to be manufactured in SS 304</li> <li>• Fully welded joints</li> <li>• Should have removable, washable SS grease filters. Filters washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection.</li> <li>• Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, fluorescent light with IP 55 rating, diffusing glass, to provide 500 lux of light through-out the hood</li> <li>• Should have IP65 Electrical fittings</li> <li>• Wiring should be in heat resistant conduits</li> <li>• To be provided with adjustment Dampers</li> <li>• To be suspended on ceiling with hanger rods.</li> </ul>		
Cold		NA			
Hot		1"			
Waste		2"			
ELECTRIC :					
Power	0.5 K.W (for light)				
Voltage	220V-50C-1Phase				
EXHAUST					
	7657 CFM (Verify)				
GAS:					
BTU	NA				
Con.		mm			
ACCESSORIES:			Accessories for installation & operation.		
SPECIAL NOTE:			HVAC Cutouts to be coordinated with HVAC consultant. Shop drawing with plan, elevation and section to be submitted for approval.		
PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER					
GAYLORD		HALTON		VIANEN	
		KWI			




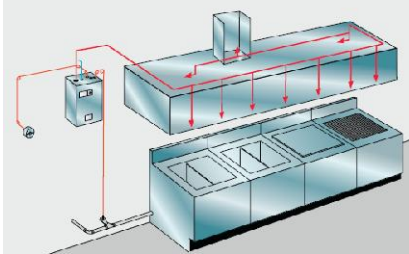
ITEM NO : CM-16A			FIRE SUPPRESSION SYSTEM FOR EXHAUST HOOD		
QUANTITY: 1					
SIZE OF EXHAUST HOOD					
Width: 7200 mm	Depth 2400 mm	Height: 555 mm			
<b>M.E.P REQUIREMENT</b>			<b>SPECIFICATIONS</b>		
<b>PLUMBING :</b>			<ul style="list-style-type: none"> <li>• Provide a complete PIRANHA® automatic, water- assisted, wet chemical, fire suppression</li> <li>• Should provide 100% protection as required by codes, standards, national, state, and local requirements.</li> <li>• water assisted wet chemical suppression system(s)</li> <li>• With a manual pull station to be located in a path of egress.</li> <li>• With fusible links in each exhaust duct and above each appliance or groups of appliances protected by a single nozzle.</li> <li>• With appropriate sized (1", 1¼", 1½", or 2") lockable ball valve for connection to the domestic water supply.</li> <li>• With stainless steel pipe drops to the discharge nozzles.</li> <li>• With connection to the building fire alarm system</li> <li>• The system, including all of its components, shall be UL Standard 300/ ULC Standard ORD-C1254.6 Listed.</li> <li>• The wet chemical shall be PRXO Liquid Fire Suppressant.</li> <li>• The system shall be capable of manual and automatic actuation.</li> <li>• Automatic actuation shall be initiated by separation of fusible links.</li> <li>• Shall include a means of manual release and provisions for fuel shutoff.</li> <li>• Wet chemical fire extinguisher shall be provided.</li> </ul>		
Cold	1"				
Hot	NA				
Waste	NA				
<b>ELECTRIC :</b>					
Power	15 Amp				
Voltage	220-50-1				
<b>EXHAUST</b>					
<b>GAS:</b>					
BTU	NA				
Con.	NA				
<b>ACCESSORIES:</b>			Unit installed with all Standard Accessories.		
<b>SPECIAL NOTE:</b>					
<b>PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER</b>					
ANSUL		AMEREX		BUCKEYE	
PIRANHA		KP		BFR	




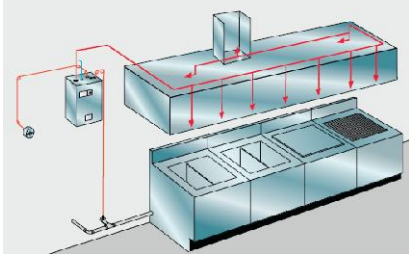
ITEM NO : CM-17			EXHAUST HOOD (SINGLE PLENUM)		
QUANTITY: 1					
SIZE					
Width: 7200 mm	Depth 2400 mm	Height: 555 mm			
CAPACITY					
M.E.P REQUIREMENT			SPECIFICATIONS		
PLUMBING :			<ul style="list-style-type: none"> <li>• External and internal parts to be manufactured in SS 304</li> <li>• Fully welded joints</li> <li>• Should have removable, washable SS grease filters. Filters washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection.</li> <li>• Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, fluorescent light with IP 55 rating, diffusing glass, to provide 500 lux of light through-out the hood</li> <li>• Should have IP65 Electrical fittings</li> <li>• Wiring should be in heat resistant conduits</li> <li>• To be provided with adjustment Dampers</li> <li>• To be suspended on ceiling with hanger rods.</li> </ul>		
Cold		NA			
Hot		½"			
Waste		2"			
ELECTRIC :					
Power	0.5 K.W (for light)				
Voltage	220V-50C-1Phase				
EXHAUST					
	7657 CFM (Verify)				
GAS:					
BTU	NA				
Con.		mm			
ACCESSORIES:			Accessories for installation & operation.		
SPECIAL NOTE:			HVAC Cutouts to be coordinated with HVAC consultant. Shop drawing with plan, elevation and section to be submitted for approval.		
PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER					
GAYLORD		HALTON		VIANEN	
		KWI			


ITEM NO : CM-17A			FIRE SUPPRESSION SYSTEM FOR EXHAUST HOOD		
QUANTITY: 1					
SIZE OF EXHAUST HOOD					
Width: 7200 mm	Depth 2400 mm	Height: 555 mm			
<b>M.E.P REQUIREMENT</b>			<b>SPECIFICATIONS</b>		
<b>PLUMBING :</b>			<ul style="list-style-type: none"> <li>• Provide a complete PIRANHA® automatic, water- assisted, wet chemical, fire suppression</li> <li>• Should provide 100% protection as required by codes, standards, national, state, and local requirements.</li> <li>• water assisted wet chemical suppression system(s)</li> <li>• With a manual pull station to be located in a path of egress.</li> <li>• With fusible links in each exhaust duct and above each appliance or groups of appliances protected by a single nozzle.</li> <li>• With appropriate sized (1", 1¼", 1½", or 2") lockable ball valve for connection to the domestic water supply.</li> <li>• With stainless steel pipe drops to the discharge nozzles.</li> <li>• With connection to the building fire alarm system</li> <li>• The system, including all of its components, shall be UL Standard 300/ ULC Standard ORD-C1254.6 Listed.</li> <li>• The wet chemical shall be PRXO Liquid Fire Suppressant.</li> <li>• The system shall be capable of manual and automatic actuation.</li> <li>• Automatic actuation shall be initiated by separation of fusible links.</li> <li>• Shall include a means of manual release and provisions for fuel shutoff.</li> <li>• Wet chemical fire extinguisher shall be provided.</li> </ul>		
Cold	1"				
Hot	NA				
Waste	NA				
<b>ELECTRIC :</b>					
Power	15 Amp				
Voltage	220-50-1				
<b>EXHAUST</b>					
<b>GAS:</b>					
BTU	NA				
Con.	NA				
<b>ACCESSORIES:</b>			Unit installed with all Standard Accessories.		
<b>SPECIAL NOTE:</b>					
<b>PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER</b>					
ANSUL		AMEREX		BUCKEYE	
PIRANHA		KP		BFR	

ITEM NO : CM-24			EXHAUST HOOD (SINGLE PLENUM)		
QUANTITY: 1					
SIZE					
Width: 4245 mm	Depth 1200 mm	Height: 555 mm			
CAPACITY					
M.E.P REQUIREMENT			SPECIFICATIONS		
PLUMBING :			<ul style="list-style-type: none"> <li>• External and internal parts to be manufactured in SS 304</li> <li>• Fully welded joints</li> <li>• Should have removable, washable SS grease filters. Filters washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection.</li> <li>• Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, fluorescent light with IP 55 rating, diffusing glass, to provide 500 lux of light through-out the hood</li> <li>• Should have IP65 Electrical fittings</li> <li>• Wiring should be in heat resistant conduits</li> <li>• To be provided with adjustment Dampers</li> <li>• To be suspended on ceiling with hanger rods.</li> </ul>		
Cold		NA			
Hot		½"			
Waste		2"			
ELECTRIC :					
Power	0.5 K.W (for light)				
Voltage	220V-50C-1Phase				
EXHAUST					
	2324 CFM (Verify)				
GAS:					
BTU	NA				
Con.		mm			
ACCESSORIES:			Accessories for installation & operation.		
SPECIAL NOTE:			HVAC Cutouts to be coordinated with HVAC consultant. Shop drawing with plan, elevation and section to be submitted for approval.		
PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER					
GAYLORD		HALTON		VIANEN	
		KWI			

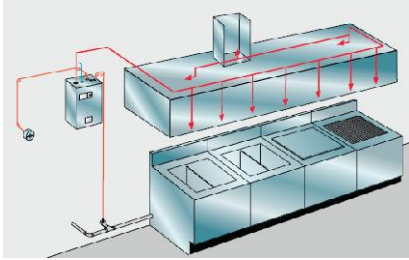
ITEM NO : CM-24A			FIRE SUPPRESSION SYSTEM FOR EXHAUST HOOD		
QUANTITY: 1					
SIZE OF EXHAUST HOOD					
Width: 4245 mm	Depth 1200 mm	Height: 555 mm			
<b>M.E.P REQUIREMENT</b>			<b>SPECIFICATIONS</b>		
<b>PLUMBING :</b>			<ul style="list-style-type: none"> <li>• Provide a complete PIRANHA® automatic, water- assisted, wet chemical, fire suppression</li> <li>• Should provide 100% protection as required by codes, standards, national, state, and local requirements.</li> <li>• water assisted wet chemical suppression system(s)</li> <li>• With a manual pull station to be located in a path of egress.</li> <li>• With fusible links in each exhaust duct and above each appliance or groups of appliances protected by a single nozzle.</li> <li>• With appropriate sized (1", 1¼", 1½", or 2") lockable ball valve for connection to the domestic water supply.</li> <li>• With stainless steel pipe drops to the discharge nozzles.</li> <li>• With connection to the building fire alarm system</li> <li>• The system, including all of its components, shall be UL Standard 300/ ULC Standard ORD-C1254.6 Listed.</li> <li>• The wet chemical shall be PRXÒ Liquid Fire Suppressant.</li> <li>• The system shall be capable of manual and automatic actuation.</li> <li>• Automatic actuation shall be initiated by separation of fusible links.</li> <li>• Shall include a means of manual release and provisions for fuel shutoff.</li> <li>• Wet chemical fire extinguisher shall be provided.</li> </ul>		
Cold	1"				
Hot	NA				
Waste	NA				
<b>ELECTRIC :</b>					
Power	15 Amp				
Voltage	220-50-1				
<b>EXHAUST</b>					
<b>GAS:</b>					
BTU	NA				
Con.	NA				
<b>ACCESSORIES:</b>			Unit installed with all Standard Accessories.		
<b>SPECIAL NOTE:</b>					
<b>PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER</b>					
ANSUL		AMEREX		BUCKEYE	
PIRANHA		KP		BFR	

ITEM NO : CM-26			EXHAUST HOOD (SINGLE PLENUM)		
QUANTITY: 1					
SIZE					
Width: 5070 mm	Depth 1200 mm	Height: 555 mm			
CAPACITY					
M.E.P REQUIREMENT			SPECIFICATIONS		
PLUMBING :			<ul style="list-style-type: none"> <li>• External and internal parts to be manufactured in SS 304</li> <li>• Fully welded joints</li> <li>• Should have removable, washable SS grease filters. Filters washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection.</li> <li>• Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, fluorescent light with IP 55 rating, diffusing glass, to provide 500 lux of light through-out the hood</li> <li>• Should have IP65 Electrical fittings</li> <li>• Wiring should be in heat resistant conduits</li> <li>• To be provided with adjustment Dampers</li> <li>• To be suspended on ceiling with hanger rods.</li> </ul>		
Cold		NA			
Hot		½"			
Waste		2"			
ELECTRIC :					
Power	0.5 K.W (for light)				
Voltage	220V-50C-1Phase				
EXHAUST					
	2746 CFM (Verify)				
GAS:					
BTU	NA				
Con.		mm			
ACCESSORIES:			Accessories for installation & operation.		
SPECIAL NOTE:			HVAC Cutouts to be coordinated with HVAC consultant. Shop drawing with plan, elevation and section to be submitted for approval.		
PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER					
GAYLORD		HALTON		VIANEN	
		KWI			

ITEM NO : CM-26A			FIRE SUPPRESSION SYSTEM FOR EXHAUST HOOD		
QUANTITY: 1					
SIZE OF EXHAUST HOOD					
Width: 5070 mm	Depth 1200 mm	Height: 555 mm			
<b>M.E.P REQUIREMENT</b>			<b>SPECIFICATIONS</b>		
<b>PLUMBING :</b>			<ul style="list-style-type: none"> <li>• Provide a complete PIRANHA® automatic, water- assisted, wet chemical, fire suppression</li> <li>• Should provide 100% protection as required by codes, standards, national, state, and local requirements.</li> <li>• water assisted wet chemical suppression system(s)</li> <li>• With a manual pull station to be located in a path of egress.</li> <li>• With fusible links in each exhaust duct and above each appliance or groups of appliances protected by a single nozzle.</li> <li>• With appropriate sized (1", 1¼", 1½", or 2") lockable ball valve for connection to the domestic water supply.</li> <li>• With stainless steel pipe drops to the discharge nozzles.</li> <li>• With connection to the building fire alarm system</li> <li>• The system, including all of its components, shall be UL Standard 300/ ULC Standard ORD-C1254.6 Listed.</li> <li>• The wet chemical shall be PRXÒ Liquid Fire Suppressant.</li> <li>• The system shall be capable of manual and automatic actuation.</li> <li>• Automatic actuation shall be initiated by separation of fusible links.</li> <li>• Shall include a means of manual release and provisions for fuel shutoff.</li> <li>• Wet chemical fire extinguisher shall be provided.</li> </ul>		
Cold	1"				
Hot	NA				
Waste	NA				
<b>ELECTRIC :</b>					
Power	15 Amp				
Voltage	220-50-1				
<b>EXHAUST</b>					
<b>GAS:</b>					
BTU	NA				
Con.	NA				
<b>ACCESSORIES:</b>			Unit installed with all Standard Accessories.		
<b>SPECIAL NOTE:</b>					
<b>PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER</b>					
ANSUL		AMEREX		BUCKEYE	
PIRANHA		KP		BFR	

ITEM NO : CM-28			EXHAUST HOOD (SINGLE PLENUM)		
QUANTITY: 5					
SIZE					
Width: 3200 mm	Depth 1600 mm	Height: 555 mm			
CAPACITY					
M.E.P REQUIREMENT			SPECIFICATIONS		
PLUMBING :			<ul style="list-style-type: none"> <li>• External and internal parts to be manufactured in SS 304</li> <li>• Fully welded joints</li> <li>• Should have removable, washable SS grease filters. Filters washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection.</li> <li>• Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, fluorescent light with IP 55 rating, diffusing glass, to provide 500 lux of light through-out the hood</li> <li>• Should have IP65 Electrical fittings</li> <li>• Wiring should be in heat resistant conduits</li> <li>• To be provided with adjustment Dampers</li> <li>• To be suspended on ceiling with hanger rods.</li> </ul>		
Cold		NA			
Hot		½"			
Waste		2"			
ELECTRIC :					
Power	0.5 K.W (for light)				
Voltage	220V-50C-1Phase				
EXHAUST					
	6000 CFM (Verify)				
GAS:					
BTU	NA				
Con.		mm			
ACCESSORIES:			Accessories for installation & operation.		
SPECIAL NOTE:			HVAC Cutouts to be coordinated with HVAC consultant. Shop drawing with plan, elevation and section to be submitted for approval.		
PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER					
GAYLORD		HALTON		VIANEN	
		KWI			



ITEM NO : CM-28A			FIRE SUPPRESSION SYSTEM FOR EXHAUST HOOD		
QUANTITY: 5					
SIZE OF EXHAUST HOOD					
Width: 3200 mm	Depth 1600 mm	Height: 555 mm			
<b>M.E.P REQUIREMENT</b>			<b>SPECIFICATIONS</b>		
<b>PLUMBING :</b>			<ul style="list-style-type: none"> <li>• Provide a complete PIRANHA® automatic, water- assisted, wet chemical, fire suppression</li> <li>• Should provide 100% protection as required by codes, standards, national, state, and local requirements.</li> <li>• water assisted wet chemical suppression system(s)</li> <li>• With a manual pull station to be located in a path of egress.</li> <li>• With fusible links in each exhaust duct and above each appliance or groups of appliances protected by a single nozzle.</li> <li>• With appropriate sized (1", 1¼", 1½", or 2") lockable ball valve for connection to the domestic water supply.</li> <li>• With stainless steel pipe drops to the discharge nozzles.</li> <li>• With connection to the building fire alarm system</li> <li>• The system, including all of its components, shall be UL Standard 300/ ULC Standard ORD-C1254.6 Listed.</li> <li>• The wet chemical shall be PRXO Liquid Fire Suppressant.</li> <li>• The system shall be capable of manual and automatic actuation.</li> <li>• Automatic actuation shall be initiated by separation of fusible links.</li> <li>• Shall include a means of manual release and provisions for fuel shutoff.</li> <li>• Wet chemical fire extinguisher shall be provided.</li> </ul>		
Cold		1"			
Hot		NA			
Waste		NA			
<b>ELECTRIC :</b>					
Power		15 Amp			
Voltage		220-50-1			
<b>EXHAUST</b>					
<b>GAS:</b>					
BTU		NA			
Con.		NA			
<b>ACCESSORIES:</b>			Unit installed with all Standard Accessories.		
<b>SPECIAL NOTE:</b>					
<b>PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER</b>					
ANSUL		AMEREX		BUCKEYE	
PIRANHA		KP		BFR	