

FAN POWERED VARIABLE AIR VOLUME (VAV) TERMINAL UNIT SCHEDULE																					
GENERAL		PERFORMANCE						ELECTRICAL			PHYSICAL		REMARKS								
TAG	LOCATION	PRIMARY AIR (CFM)		HEATING CFM	FAN ESP (IN WG)	HOT WATER COIL				HP	VOLTAGE	PHASE	INLET SIZE (IN)	MANUFACTURER MODEL	TYPE	FEATURES	INSTALL				
		MAXIMUM	MINIMUM			ROWS	MBH	LAT (°F)	GPM									ENT (°F)	LMT (°F)	WPD (FT WG)	
VAV-3	BURGER KING	1750	600	600	0.25	1	26.8	82.2	5.5	130	110	4.14	1	115	1	14x8	TRANE LSWF14	①	①②③	①②③	
① LOW HEIGHT SERIES FAN POWERED TERMINAL UNIT WITH HOT WATER REHEAT		① PRESSURE INDEPENDENT VAV BOX WITH FACTORY APPLIED ACOUSTICAL LINING MYLAR PROTECTED, FURNISH BOX WITH HIGH EFFICIENCY (ECM) FAN MOTOR.				② PROVIDE HOT WATER COIL BY SAME MANUFACTURER.				③ COORDINATE EXACT LOCATION OF VAV BOX WITH EXISTING AND NEW DUCTWORK, PIPING, CONDUIT, ETC.				④ LOCATION OF VAV BOX AND ASSOCIATED DUCTWORK AND PIPING SHALL NOT COMPROMISE ACCESS TO KITCHEN HOOD EXHAUST DUCT CLEANOUTS.				⑤ PROVIDE SUFFICIENT ACCESS TO VAV BOX FILTERS AND CONTROL BOX.			
		③ VAV BOX MANUFACTURER SHALL FURNISH BOX WITHOUT CONTROLLERS, BUT WITH AIRFLOW SENSORS. DDC CONTROLLERS SHALL BE FURNISHED AND INSTALLED BY CONTROLS CONTRACTOR.																			

FAN SCHEDULE																					
GENERAL		PERFORMANCE						ELECTRICAL			PHYSICAL		REMARKS								
TAG	LOCATION	SERVICE	STYLE	CFM	ESP (IN WG)	RPM	BHP	SONES	WATTS	HP	VOLTAGE	PHASE	WEIGHT (LBS)	MANUFACTURER MODEL	TYPE	RATINGS	FEATURES	INSTALL			
EF-3	ROOF	TYPE 1 KITCHEN HOODS	UPBLAST	1500	-	-	-	-	-	-	-	-	-	CAPTEVAIRE	①	①	①②③④⑤⑥	①②③			
① CENTRIFUGAL ROOF EXHAUSTER, UPBLAST, BELT DRIVE		① UL705 AND UL762				① THERMAL OVERLOAD PROTECTION				① FAN SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE (IMC 2003) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA98).				② PROVIDE VIBRATION ISOLATION AT CONNECTION TO FAN PER IMC 2003.				③ PROVIDE UNIT DESIGNATION ON FAN NAME PLATE.			
						② GREASE DRAIN WITH COLLECTION DEVICE															
						③ FACTORY ROOF CURB															
						④ ROOF CURB HINGE KIT															
						⑤ VENTED ROOF CURB EXTENSION															
						⑥ WEATHERPROOF SAFETY DISCONNECT SWITCH															

DIFFUSER AND GRILLE SCHEDULE							
GENERAL		PHYSICAL			REMARKS		
TAG	SIZE (IN)	BLOW PATTERN	BRANCH DUCT (IN)	MANUFACTURER MODEL	TYPE	FEATURES	INSTALL
A18	18x18	1-WAY	18x8	TITUS TDC	①	①②	①②
B21	21x21	3-WAY	24x8	TITUS TDC	①	①②	①②
C20	20x20	N/A	N/A	TITUS 50F	②	①	③
① CEILING DIFFUSER, LOUVERED, FLUSH FACE, SQUARE/RECTANGULAR NECK, SQUARE/RECTANGULAR FACE, DIRECTIONAL BLOW STEEL, WHITE							
② CEILING EGGRATE RETURN/TRANSFER GRILLE, SQUARE/RECTANGULAR FACE, 1/2"x1/2"x1/2" ALUMINUM CORE, ALUMINUM, WHITE							
① LAY-IN T-BAR CEILING MOUNT							
② INTEGRAL VOLUME DAMPER							
① WHERE NO BRANCH DUCT SIZE IS INDICATED ON PLAN, USE BRANCH DUCT SIZE INDICATED HEREIN							
② PROVIDE A DUCT MOUNTED VOLUME DAMPER WHETHER OR NOT A DUCT MOUNTED VOLUME DAMPER IS INDICATED ON PLAN.							
③ PLENUM RETURN APPLICATION							
<p>TAG LEGEND</p> <p>### TYPICAL FOR ## DIFFUSERS/GRILLES</p> <p>### TAG</p> <p>### BALANCE TO ### CFM</p>							

HVAC LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING PIPING, DUCTWORK, EQUIPMENT, ETC. (LINE WEIGHT)
---	NEW PIPING, DUCTWORK, EQUIPMENT, ETC. (LINE WEIGHT)
●	POINT OF CONNECTION, NEW TO EXISTING
— HWS —	HOT WATER SUPPLY PIPING
— HWR —	HOT WATER RETURN PIPING
●	SHUT OFF VALVE
⊠	SUPPLY/OUTSIDE AIR DUCTWORK DOWN
⊡	RETURN/EXHAUST AIR DUCTWORK DOWN
⊠	SUPPLY/OUTSIDE AIR DUCTWORK UP
⊡	RETURN/EXHAUST AIR DUCTWORK UP
⊠	SUPPLY AIR DIFFUSER
⊡	RETURN/EXHAUST GRILLE
— VD	VOLUME DAMPER
— FD	FIRE DAMPER
⊙	THERMOSTAT
▼	ANSUL PULL STATION
↘	DIRECTION OF DOWNWARD PITCH
⊖	DIFFUSER & GRILLE TAG
##-	EQUIPMENT TAG
(E)	EXISTING
CFM	CUBIC FEET PER MINUTE
CO	CLEANOUT
DN	DOWN
EF	EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
GPM	GALLONS PER MINUTE
HP	HORSE POWER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSANDS OF BTU/HOUR
RA	RETURN AIR
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
VAV	VARIABLE AIR VOLUME
WPD	WATER PRESSURE DROP

HOOD INFORMATION (SELECTIONS BASED ON GAYLORD)

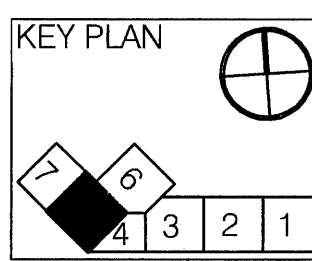
HOOD NO.	MODEL	LENGTH	WIDTH	EXHAUST PLENUM RISER(S)				HOOD CONSTRUCTION	REMARKS	
				TOTAL EXH. CFM	WIDTH	LENG.	CFM			S.P.
HOOD-1	PG-ND-AB-39-(BK-NA-FH-5-7-SD)	5'-7"	3'-3"	850	12"	8"	850	1.00"	TYPE 300 SS 18 GAGE	① ② ③
HOOD-2	XG-ND-BDL-PM-0B-43-(BK-NA-BOH-7-7-SD)	7'-7"	3'-7"	650	10"	10"	650	0.35"	TYPE 300 SS 18 GAGE	① ②

- ① PROVIDE WITH ANSUL SYSTEM
- ② PROVIDE WITH HIGH EFFICIENCY STAINLESS STEEL EXTRACTORS
- ③ PROVIDE WITH STAINLESS STEEL DUCT EXTENSION WITH 10"x10" DUCT COLLAR AND ACCESS PANEL

Item	Date
PERMIT	5-27-11



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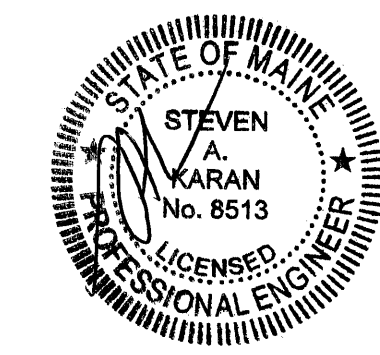
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MECHANICAL
SCHEDULES



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