

EF-1. PERFORMANCE DATA:
 MODEL: STRATOVENT, SVDU50
 AIRFLOW: 1050 CFM, 0.9" STATIC PRESSURE
 FAN RPM: 1344
 POWER: 0.26 BHP
 MOTOR: 0.50 HP, 115V, 1PH, 8.1 FLA

****DIRECT DRIVEN WITH PREWIRED SPEED CONTROLLER**

**STRATOVENT UL-762 EXHAUST FAN
6'-3" LONG TACO BELL HOOD**

ATTENTION!
 INSTALLER MUST READ LABEL NEAR DISCONNECT SWITCH! MESSAGE ON LABEL. *INSTALLER SHOULD SUPPLY ENDUICH ELECTRICAL CORD TO ALLOW FAN TO MAKE COMPLETE SWING!

NOTE: ALL DIMENSIONS (INCHES)
 WEIGH TO: 60 LBS (FAN), 40 LBS (CURB)

STRATOVENT
 REDDING, CA - RALEIGH, NC
 800-474-0037
 WWW.STRATOVENT.COM

INSTALLATION: DUCT TEMPERATURE SWITCH SENSOR DETAIL

FAN CONTROL CIRCUIT (BY OTHERS, SEE E6.0)

- NORMALLY OPEN DRY CONTACT, CLOSES ON TEMPERATURE RISE ABOVE 85F. WIRED IN PARALLEL TO NORMAL CONTROLS CIRCUIT.
 - FIELD WIRED AS SAFETY SWITCH (NOT PRIMARY MEANS OF FAN POWER), TO ENERGIZE HOOD EXHAUST FANS WHEN COOKING EQUIPMENT GENERATES HEAT
 - FAN CONTACTOR BY OTHERS. SEE E6.0 SHEET FOR DETAILS.

STRATOVENT
 ADDITIONAL QUESTIONS??
 CONTACT, STRATOVENT VENTILATION HOODS,
 919-573-4250 - 251-490-6114
 JEFF.JOHNSON@STRATOVENT.COM

HOOD # 1 OF 1 **MODEL #** STRATOVENT SVBD2

LENGTH (IN): 6'-3"	WIDTH (IN): 36"	HEIGHT (IN): 14"
EXHAUST CFM: 1050	SUPPLY CFM: BY RTU-SEE M1.0	
EXHAUST SP: 0.9" (HOOD+ DUCT)	SUPPLY SP: NA	
EXHAUST FPM: 1512	SUPPLY FPM: NA	
EXH. SIZE: 10"x10"	SUP SIZE: NA	
FILTERS: (4)	FILTERS: ()	300 LBS
FIRE SUPPRESSION: ANSUL-R102	FILTER TYPE: STAINLESS BAFFLE	
LIGHT QTY: (3)	A19/CFL	CONTROL SWITCH: BY OTHERS

DESIGN NOTES:
 - STRATOVENT HOODS ARE ETL LISTED TO UL-710 STANDARDS, 3054804-001
 - MODEL SVBD2 IS A NON-CANOPY HOOD, "LISTED" VALUES ARE UTILIZED FOR AIRFLOW, OVERHANGS AND TEMPERATURE RATINGS
 - 18/20 GAUGE MINIMUM S/S ON EXPOSED SURFACES PER NFPA
 - HOOD IS PRE-PIPED FOR ANSUL SYSTEM INSTALL BY OTHERS.
 - INSTALLER TO REVIEW E6.0 SHEET FOR HOOD AND FAN WIRING. NO CONTACTOR OR CONTROL BOX IS FURNISHED WITH HOOD, UNLESS SOURCED DIRECT FROM STRATOVENT BY INSTALLER.

HOOD DETAIL 1: CORNER HANGING ANGLE (4) TYP. PER HOOD

HOOD DETAIL 2: TIMER MOUNTING CHANNEL-POWER OUTLET

PLAN VIEW

FRONT VIEW

TACO BELL HOOD DETAIL

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TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN N.T.S. **14**

HEAT SENSOR ATTACHMENT N.T.S. **10**

TACO BELL HOOD DETAIL N.T.S. **2**

PROJECT: TACO BELL

System Size: ANSUL-3.0 Gallons Total, R102
 Flow Points: 8 Design, 11 (max)

Hood #1: 6'-6" L x 36" W x 14" H
 Exhaust Riser Size: 10" x 10"

PLAN VIEW

FRONT VIEW

LEGEND - WALL MOUNTED ANSUL SYSTEM

1B 3.0 GALLON TANK
 2 AUTOMAN RELEASE
 5 ANSULEX LIQUID AGENT (3.0 GAL.) CARTRIDGE (101-20)
 10 TEST LINK
 11 DOUBLE MICROSWITCH
 1W NOZZLE ASSEMBLY (41933)
 1N NOZZLE ASSEMBLY (41933)
 3N NOZZLE ASSEMBLY (41933)
 28 DETECTOR BRACKET
 30 HIGH TEMP FUSIBLE LINK
 MGV MECHANICAL GAS VALVE
 34 REMOTE MANUAL PUSH STATION SWIVEL ADAPTOR

PROVIDED BY: STRATOVENT
 RALEIGH, NC - REDDING, CA
 CONTACT: JEFF JOHNSON
 PH: 251-490-6114, Fax: 919-573-4251
 JEFF.JOHNSON@STRATOVENT.COM

HOOD NOTES AND SPECS (TYP) N.T.S. **6**

- Hoods shall be constructed of minimum 20 gauge stainless steel with # 3 polish. All unexposed surfaces shall be constructed of minimum 18 gauge aluminumized steel.
- UL classified aluminum or stainless steel baffle-type filters shall be easily removed for cleaning. Filter housing shall terminate in a grease trough that drains into a removable stainless steel grease cup.
- UL listed and NSF approved vapor proof incandescent light fixtures pre-wired to junction box at top of hood shall be installed with NEC 70.
- Pre-piped fire suppression systems shall be located at the top of the hood and provided with the hood or by a certified technician. Final location of all nozzles and suppression systems shall be locally approved and inspected.
- Hood(s) shall be fabricated with NFPA Bulletin #96 and shall bear the NSF Seal of Approval. This shall be listed under UL 710 EXHAUST HOODS FOR COMMERCIAL COOKING EQUIPMENT, Certified by UL under File # 3054804-001.

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 ADDITIONAL QUESTIONS??
 CONTACT, STRATOVENT VENTILATION HOODS,
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 JEFF.JOHNSON@STRATOVENT.COM

LOW-PROFILE HOOD HOOD #1

STRATOVENT HOODS BUILT IN COMPLIANCE WITH:
 NFPA #96
 NSF STANDARD #2
 UL STANDARD 710
 ETL FILE NO. 3054804-001

NON-CANOPY HOOD DESIGN BASED ON:
 MANUFACTURER: STRATOVENT, MODEL SVBD2
 ETL LISTED TO UL-710: FILE # 3054804-001
 MIN. "LISTED" AIRFLOW: 150 CFM PER LINEAR FT
 DESIGN AIRFLOW: 168 CFM PER LINEAR FT
 MAX. DIST. ABOVE COOK SURFACE: 47"
 MAX. COOK SURFACE FRONT UNDERHANG: -3"
 MIN. SIDE COOK SURFACE OVERHANG: 0"
 MAX. APPLIANCE COOKING TEMPERATURE: 450 F

**HOOD DESIGN QUESTIONS?
 STRATOVENT KITCHEN VENTILATION
 PHONE: 251-490-6114
 JEFF.JOHNSON@STRATOVENT.COM**

STRATOVENT
 ADDITIONAL QUESTIONS??
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 JEFF.JOHNSON@STRATOVENT.COM

TACO BELL HOOD FIRE SUPPRESSION SCHEDULE N.T.S. **16**

HEAT SENSOR LOCATION N.T.S. **12**

TACO BELL HOOD SECTION 1/2" = 1'-0" **4**

DEVITA
 ATLANTA • CHARLOTTE • GREENVILLE • RICHMOND
 Devita & Associates, Inc. Project # 17002-22
 Drawn By: MAS Checked By: DV
 NC Firm License # C-0819

12144.400

CONTRACT DATE: 10.23.17
 BUILDING TYPE: EXP. LITE MED/40
 PLAN VERSION: DECEMBER 2016
 SITE NUMBER: 311687
 STORE NUMBER: 436563

TACO BELL
 3923 SHAKEDOWN ST.
 CHARLOTTE, NC

EXPLORED LITE
 MEDIUM 54

HOOD DRAWINGS PLANS AND SECTIONS

M3.0