

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 ENOUGH ELECTRICAL CORD TO ALLOW FAN TO MAKE COMPLETE SWINGS.

REVISIONS: 06-06-2014

WEIGHTS: SEE FAN 45 LBS (CURB)

REDDING, CA - RALEIGH, NC 919-573-4250
 WWW.STRATOVENT.COM

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

INSTALLATION: DUCT TEMPERATURE SWITCH SENSOR DETAIL

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

NOTE: GENERIC WIRING DEPICTION. SEE PLANS FOR PROPER INTEGRATION.

STRATOVENT

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

MODIFIED: 05-05-2014

HEAT SENSOR ATTACHMENT N.T.S. 10

HOOD # 1 OF 1 MODEL # STRATOVENT SVB02

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) 16" X 16"	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 SVB02 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.

PLAN VIEW

FRONT VIEW

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ETL LISTED FILE # 3054804-001 / TESTED TO UL-710

UPDATED: 6FT-3IN LONG VERSION, 05-05-2014 JJ

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.)
7	CARTRIDGE (101-20)
10	TEST LINK
11	DOUBLE MICROSWITCH
1W	NOZZLE ASSEMBLY (419338)
1N	NOZZLE ASSEMBLY (419337)
3N	NOZZLE ASSEMBLY (419338)
28	DETECTOR BRACKET
30	HIGH TEMP FUSIBLE LINK
34	REMOVAL HANDLE (PULL ST)
S	SWIVEL MOTOR

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

REVISIONS: 06-06-2014

TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN N.T.S. 16

INSTALLATION: DUCT TEMPERATURE SWITCH HOOD DETAIL

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ADDITIONAL QUESTIONS??
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MODIFIED: 05-05-2014

HEAT SENSOR LOCATION N.T.S. 12

LOW-PROFILE HOOD HOOD #1

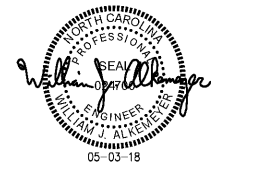
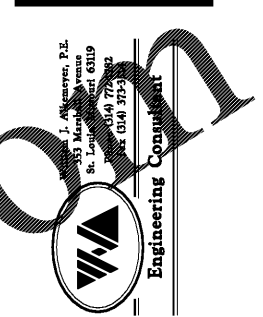
STRATOVENT HOODS BUILT IN COMPLIANCE WITH:
 NSF #96
 NSF STANDARD #2
 UL STANDARD 710
 ETL FILE NO. 3054804-001

NON-CANOPY HOOD DESIGN BASED ON:
 MANUFACTURER: STRATOVENT, MODEL SVB02
 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 VENTILATION
 PHONE: 251.490.6114
 JEFF.JOHNSON@STRATOVENT.COM

UPDATED: 6FT-3IN LONG VERSION, 05-05-2014 JJ

TACO BELL HOOD SECTION N.T.S. 4



PERMIT/CONSTRUCTION SET
 DATE: FEB. 28, 2018

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CONTRACT DATE: XX-XX-XX
 BUILDING TYPE: EXPLORER LITE 40
 PLAN VERSION: DECEMBER 2017
 SITE NUMBER: XXX-XXX
 STORE NUMBER: XXXXX

TACO BELL

101 MONTGOMERY CROSSING
 BISCOE, NC 27209

EXPLORER LITE
 MEDIUM40

**HOOD DRAWINGS
 PLANS AND SECTIONS
 M3.0**

PLOT DATE: