

SECTION VIEW - MODEL 5430ND-2-ACFSP-F HOOD - #1

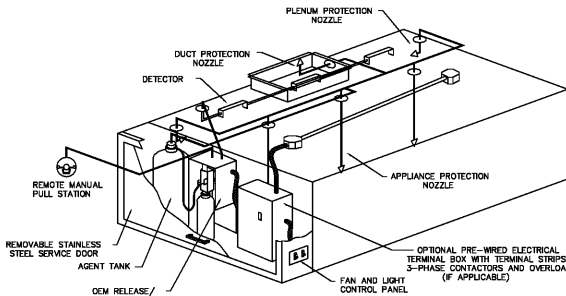
DUCT NOZZLE AND PLENUM SPRAY BAR LOCATION

- NOTES
- FIELD PIPE DROPS AS SHOWN
 - SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY GAS
 - RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
 - MAXIMUM 9 ELBOWS IN SUPPLY LINE
 - MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE
 - IF APPLICABLE, PRE-PIPED CHAMBERLOR DROPS ARE SHIPPED LOOSE
 - FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.
 - APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.
 - THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS

Job # 3590126
 Job Name: DQ - Bremen, GA
 Drawn By:
 System Size: ANSUL-3.0/3.0 Total FP required: 17
 Hood # 1 11' 2.00" Long x 54" Wide x 30" High
 Riser # 1 Size: 1/2" Dia.
 Hood # 1 Metal Blow-Off Caps included.

LEGEND - FIRE CABINET ANSUL SYSTEM

- 1A 1.5 GALLON TANK
- 1B 3 GALLON TANK
- 2 OEM AUTOMAN RELEASE
- 3 OEM REGULATED RELEASE
- 4 OEM REGULATED ACTUATOR
- 5 ANSULEX LIQUID AGENT (3 GAL.)
- 6 ANSULEX LIQUID AGENT (1.5 GAL.)
- 7 CARTRIDGE (101-20)
- 8 CARTRIDGE (101-10)
- 9 CARTRIDGE (101-30)
- 9A CARTRIDGE (LT-A-101-30)
- 9B DOUBLE TANK CARTRIDGE
- 10 TEST LINK
- 11 DOUBLE MICROSWITCH
- 12 HOSE ASSEMBLY
- 1100 DUCT NOZZLE (430913)
- 2W DUCT NOZZLE (419337)
- 1W NOZZLE ASSEMBLY (419336)
- 1F NOZZLE ASSEMBLY (419333)
- 1N NOZZLE ASSEMBLY (419335)
- 1/2N NOZZLE ASSEMBLY (419334)
- 3N NOZZLE ASSEMBLY (419336)
- 24S NOZZLE ASSEMBLY (419340)
- 230 NOZZLE ASSEMBLY (419339)
- 220 NOZZLE ASSEMBLY (419343)
- 290 NOZZLE ASSEMBLY (419342)
- 280 NOZZLE ASSEMBLY (419341)
- 28 DETECTOR BRACKET
- 29 LOW TEMP FUSIBLE LINK
- 30 HIGH TEMP FUSIBLE LINK
- MGV MECHANICAL GAS VALVE
- ESV ELECTRICAL GAS VALVE
- 54 REMOTE MANUAL PULL STATION
- S SWIVEL ADAPTOR



TYPICAL ANSUL R-102 SYSTEM LAYOUT

INCLUDES FIELD INSTALLATION AND HOODUP DURING NORMAL BUSINESS HOURS BY CERTIFIED INSTALLERS ONLY IN THE LOCATION NOTED ABOVE. TWO SITE VISITS ONLY (ONE VISIT TO SET PULL STATION & SYSTEM HOODUP AND ONE VISIT FOR ONE TEST). ADDITIONAL VISITS WILL RESULT IN ADDITIONAL CHARGES. ONE MECHANICAL GAS VALVE PER SYSTEM AT A MAXIMUM SIZE OF 2", PERMIT, AND SYSTEM TEST.

CELLULERS: HIGH LAMER & PREHEATING WIRE (LAMER & WAGES WILL BE ADDED IF APPLICABLE). GAS VALVE INSTALLATION, ELECTRICAL HOODUP AND CONNECTIONS, HANGING OF FIRE CABINET, SHUNT TOP, HANDHELD EXTINGUISHER(S), ON-SITE RE-PIPING DUE TO EQUIPMENT LAYOUT CHANGES.

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SPECIFICATIONS

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE-ENGINEERED TYPE WITH A FIXED NOZZLE AGENT DISTRIBUTION NETWORK. IT SHALL BE LISTED WITH UNDERWRITERS LABORATORIES, INC. (UL)

THE SYSTEM SHALL BE CAPABLE OF AUTOMATIC DETECTION AND ACTUATION WITH LOCAL OR REMOTE MANUAL ACTUATION. ACCESSORIES SHALL BE AVAILABLE FOR MECHANICAL OR ELECTRICAL GAS LINE SHUT-OFF APPLICATIONS.

THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM ACETATE-BASED FORMULATION DESIGNED FOR FLAME KNOCKDOWN AND SECUREMENT OF GREASE RELATED FIRES. IT SHALL BE AVAILABLE IN PLASTIC CONTAINERS WITH INSTRUCTIONS FOR LOADING AGENT HANDLING AND USAGE.

THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/ LINKAGE ASSEMBLY.

Fire System Information - 3590126				INSTALLATION	
SYSTEM NO.	Top	TYPE		SYSTEM	LOCATION ON HOOD
1		Ansul R102	3.0/3.0	17	Fire Cabinet Left

ITEM NO.	TAG	KEY NUMBER - PART DESCRIPTION	QTY. BY FACTORY	QTY. BY USE
0		1/2" DIA. 3" SHORT CAP - Metal	10	0
0		1/2" DIA. 3" STRAP - used for ANSUL Tanks	2	0
0		DUCT/NOZZLE Tank Bracket for fire system tank installation in utility cabinets	2	0
0		1" AT - 3.0 TANK (3.0) - 3.0 Gallon SS Tank (for use with Automan Release, Actuator, ANSUL Release (UL/ULC) Specs # 01-02885)	2	0
0		ANS-DEM REGULATED RELEASE - Ansol Regulated Mechanical Release/Nozzle Assembly, UL/ULC, Cartridge Detection Included, Ansol Part # 79963	1	0
3		2" ANSUL-3.0 RISER - Resin Lin 70 Mil Chemical Agent, 3 Galon (UL) 79372	0	2
9		9 - 9 - 101-30 CARTRIDGE - Carbon Dioxide, 101-30, Cartridge (R-100) 19-15801	0	1
10		10 - 10 - TANK LINK - Test Link (1 test link) Ansol Part # 24916, Mocolo # 20-24916	0	1
11		11 - 11 - MICRO-SHA MICROSWITCH M1 - Includes 2 switches and Mounting Hardware, Single Rad Electric Switch, One Standard Switch, One Alarm Duty Switch Ansol Part # 43715, Mocolo # 06-43715	1	0
12		12 - 12 - HOSE HOSE - Rubber Hose	1	0
14		14 - 14 - 419336 NOZZLE - 1W Nozzle, Duct/Appliance (Replaces ANSUL Part# 419347, CAS Part# 419338) A0001268	4	0
16		16 - 16 - 419335 NOZZLE - 1N Nozzle, Plenum/Appliance (Replaces ANSUL Part# 419346, CAS Part# 419333) A0001268	2	0
19		19 - 19 - 419338 NOZZLE - 3N Nozzle, Appliance (Replaces ANSUL Part# 419348, CAS Part# 419339) A0001268	3	0
24		24 - 24 - 419344 NOZZLE - 280 Nozzle, Appliance (Replaces ANSUL Part# 419352, CAS Part# 419341) A0001271	1	0
25		25 - 25 - 419368 NOZZLE ADAPTOR - Solenoid Nozzle Adaptor (Replaces CAS Part # 419369) A0001274	3	0
26		26 - 26 - OSA-3/8 OUNZ SEAL - 3/8" (UL)	9	0
27		27 - 27 - OSA-1/2 PULLEY SEAL - 1/2" Hood Seal (UL) Ansol Part # 423253, Mocolo # 20-79788	1	0
28		28 - 28 - S-DET DETECTOR - Series (Schaefer Linkage) Ansol Part # 435547/435548 (04 # 417369/434480); Mocolo # 05-417369	5	0
29		29 - 29 - ANS-3005 FUSIBLE LINK - 300mg F, R-102 and PRRMMA, Ansol Part # 436088	1	0
30		30 - 30 - ANS-2005 FUSIBLE LINK - 200mg F, R-102 and PRRMMA, Ansol Part # 436032	4	0
34		34 - 34 - RPS-A REMOTE PULL STATION - Red composite (without wire rope) 434618 (04 Mocolo 08-434618)	1	0
35		35 - 35 - FE-1 PULLEY ELBOW - Low Temp. Pulley Elbow, Set Screw Type Ansol Part # 410670, Mocolo # 11-410671	2	0
36		36 - 36 - FE-H PULLEY ELBOW - High Temp Pulley Elbow, Compression Type, Ansol Part # 423254, Mocolo # 10-423277	1	0
44		44 - 44 - DN-GMWN DOUBLE NOZZLE CHAMBERLOR DROP ASSY	1	0

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 Drawn By:
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 Riser # 1 Size: 1/2" x 0"
 Riser # 2 Size: 0" x 0"

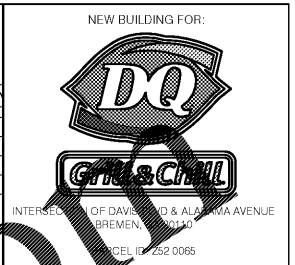
REVISIONS	
DESCRIPTION	DATE



DQ - Bremen, GA
 Davis Blvd & Alabama Ave,
 BREMEN, GA, 30110

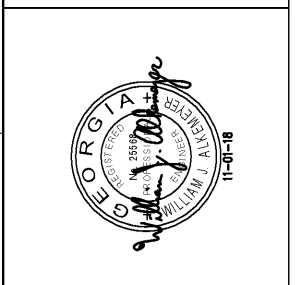
DATE: 10/22/2018
 DWG.#: 3590126
 DRAWN BY: jsievers
 SCALE: 1/2" = 1'-0"
 MASTER DRAWING

SHEET NO. 4



INTERSECTION OF DAVIS BLVD & ALABAMA AVENUE
 BREMEN, GA 30110
 CELL # 252 0065

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CAPTIVEIRE HOOD SHOP DRAWINGS

SHEET NUMBER: M4.4

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