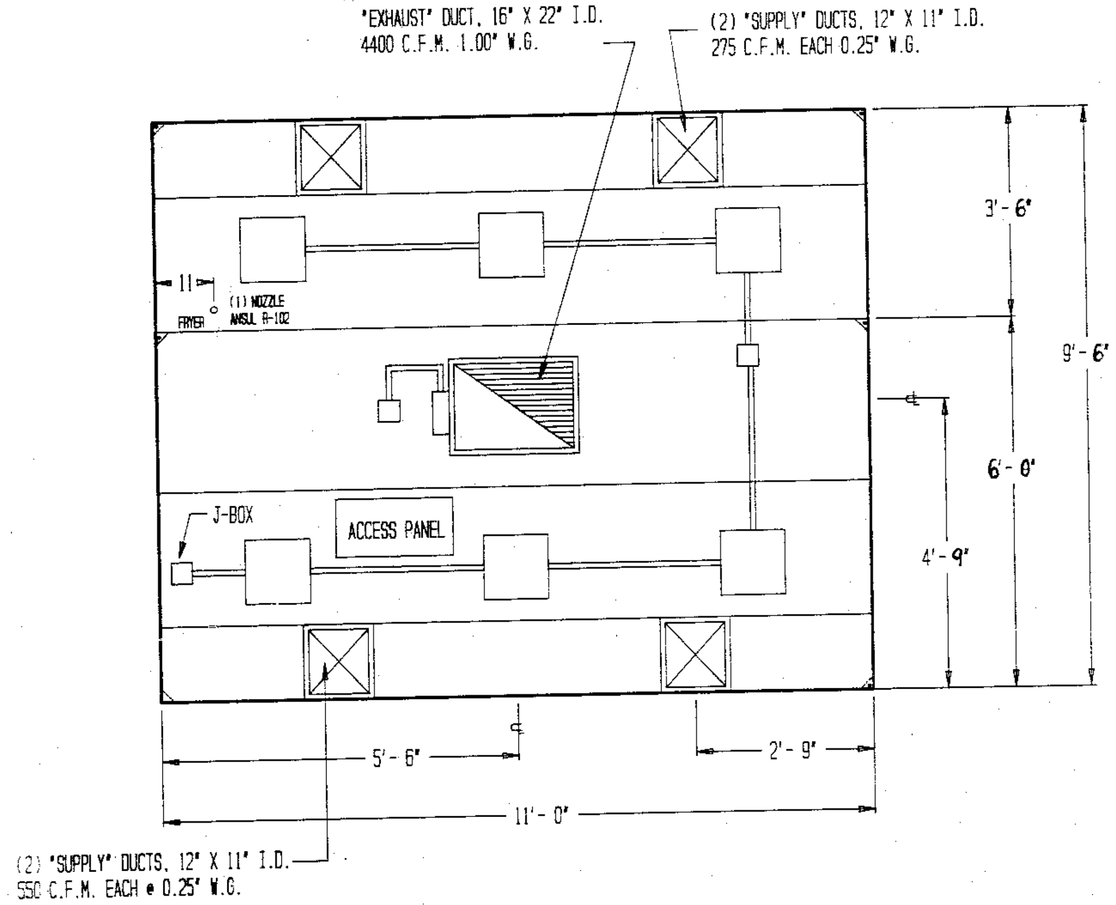
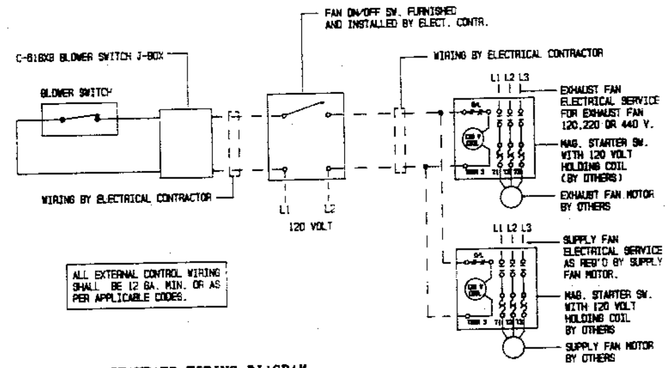
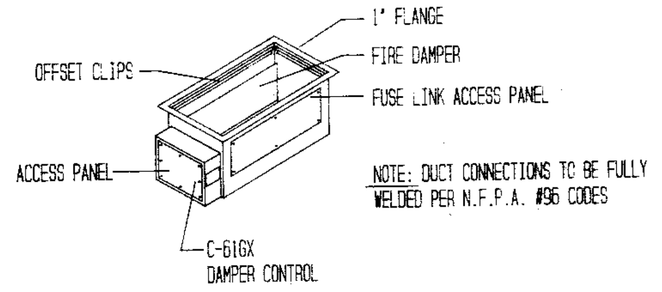


PLAN VIEW



STANDARD WIRING DIAGRAM FOR NON WATER WASH VENTILATOR
(FUSE LINK ACTIVATED)



STANDARD DUCT COLLAR DETAIL

IMPORTANT

THIS VENTILATOR IS EQUIPPED w/ A FIRE DAMPER IN THE EXHAUST COLLAR. THE VENTILATORS ARE SHIPPED FROM THE FACTORY w/ THE DAMPERS IN THE FULL OPEN POSITION. THE INSTALLER AND/OR THE DUCT INSTALLER ARE RESPONSIBLE TO INSURE THAT THE DAMPER IS IN THE FULL OPEN POSITION AT THE TIME OF INSTALLATION. ACCESS MUST BE PROVIDED FOR SERVICING THE DAMPER BLOWER SWITCH THROUGH THE ACCESS PANEL PROVIDED ON THE SIDE OF THE DUCT COLLAR.

GENERAL NOTES

AIR REQUIREMENTS
1. C.F.M. BASED ON 400 PER LINEAR FOOT.
2. STATIC PRESSURE IS 1.00" W.G. AT DUCT TAKE-OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC BASED ON OPERATION AT MEAN SEA LEVEL.
3. DUCT SIZE BASED ON 1800 FPM.

EXHAUST FAN REQUIREMENTS
4. TYPE - INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES. EXHAUST FAN DISCHARGE SHOULD BE VERTICAL AWAY FROM AIR INTAKES FURNISHED BY OTHERS.
5. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL FURNISHED BY OTHERS.

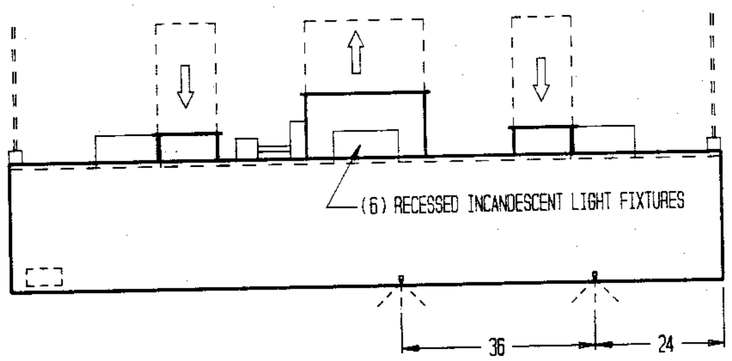
MAKE-UP AIR
6. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED - WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES

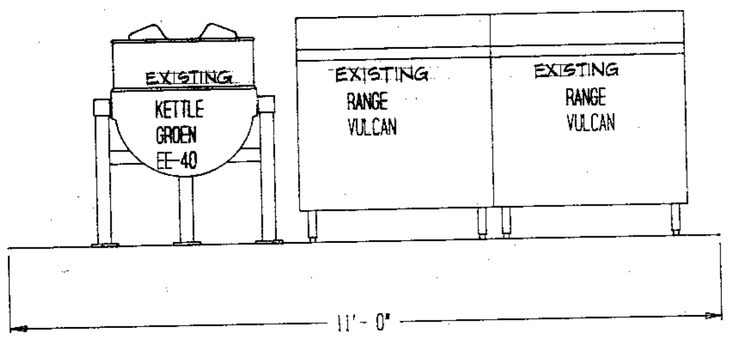
INSTALLATION
8. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL CODES. CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC)
9. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS, IN ACCORDANCE WITH JURISDICTIONAL CODES. MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
10. MOUNTING RODS BY OTHERS.

CONSTRUCTION
11. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH GAYLORD SPECIFICATIONS.
12. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH

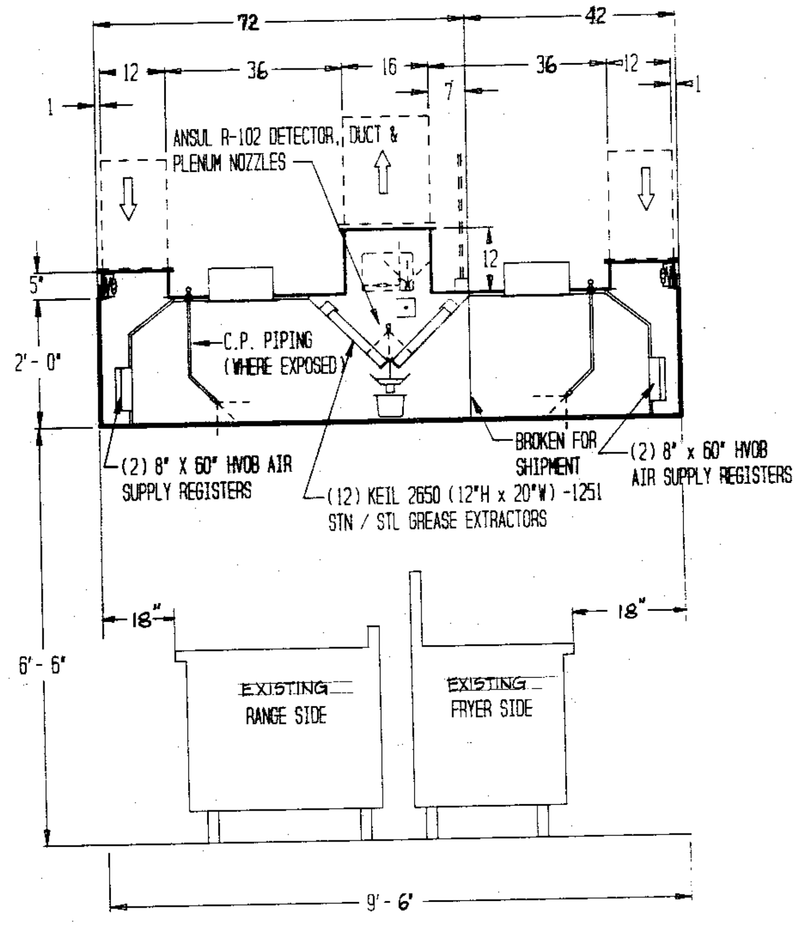
FIRE PROTECTION
13. SURFACE FIRE PROTECTION SYSTEM PROVIDED AND INSTALLED BY GAYLORD. (ANSUL R-102).
14. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED GAYLORD MANUFACTURER TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF EQUIPMENT.
15. IMPORTANT NOTE: NFPA 96 REQUIRED THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY SURFACE FIRE PROTECTION MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

"INTERNAL VENTILATOR MAKE-UP AIR MEANS INCLUDED TO POTENTIALLY REDUCE THE AMOUNT OF AIR EXHAUSTED FROM THE ADJOINING SPACE. AMOUNT OF SUPPLY AIR ULTIMATELY INTRODUCED MAY HAVE TO BE SUBSTANTIALLY REDUCED FROM THAT SHOWN. FOR PROPER VENTILATION OF COOKING BATTERY. SUPPLY AIR REGISTERS INCLUDE MANUALLY ADJUSTABLE DAMPERS FOR FIELD ADJUSTMENT"
"ALL SUPPLY AIR REGISTERS INCLUDE MANUALLY ADJUSTABLE DAMPERS. ADJUSTMENT IS MADE WITH SCREW DRIVER AT VISIBLE SLOT-HEADED SCREW."

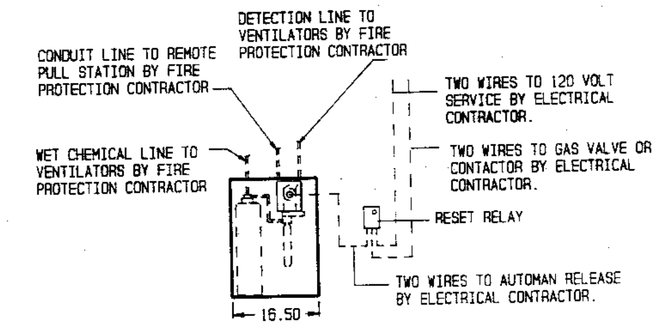




ELEVATION



SECTION



R-102 TYPICAL ANSUL SYSTEM
CABINET SIZE: 16.50 W x 22.50 H x 7.50 D.

INSTALLATION INFORMATION

MAXIMUM VENTILATOR DIMENSION: 11'-0" L x 6'-0" W x 3'-0" H.

ESTIMATED HANGING WEIGHT: 1375 LBS

VENTILATOR TO BE SHIPPED IN 2 UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECTED FOR SHIPMENT, RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

MODEL "FX-BDL-DS-MAI-114"

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REVISIONS

NO.	DATE	DESCRIPTION

THE LAWRENCE ASSOCIATES

PROJECT NUMBER 2155.01

PROJECT TITLE
ALTERATIONS AND ADDITIONS TO :
BOLTON ELEMENTARY SCHOOL
NOTCH ROAD
BOLTON, CONNECTICUT

DRAWING TITLE
KITCHEN HOOD

SCALE AS NOTED | DATE 8/17/92

A-32

DRAWING 40 OF 89