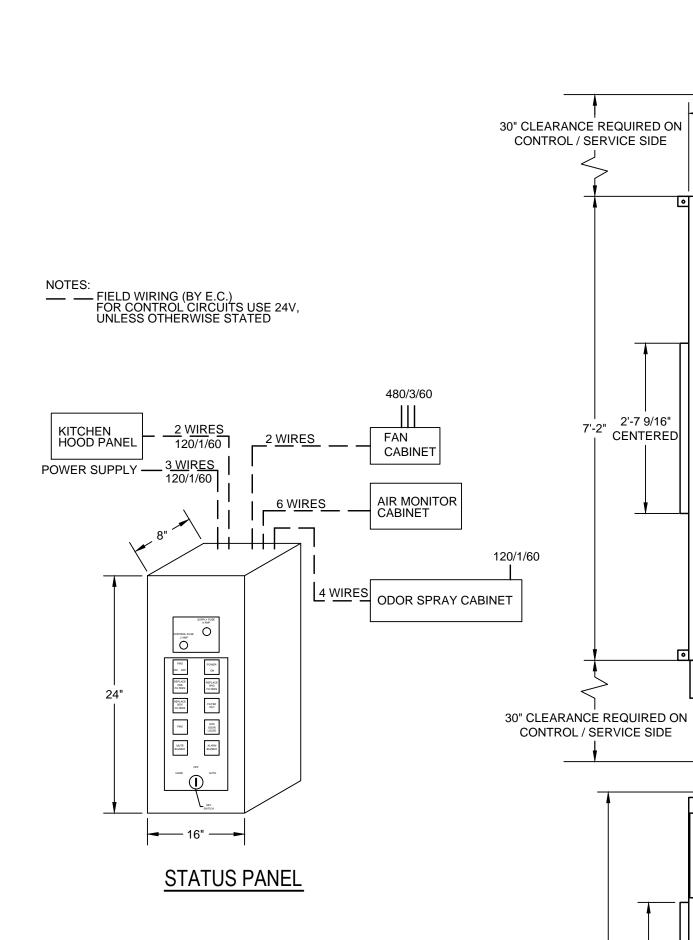
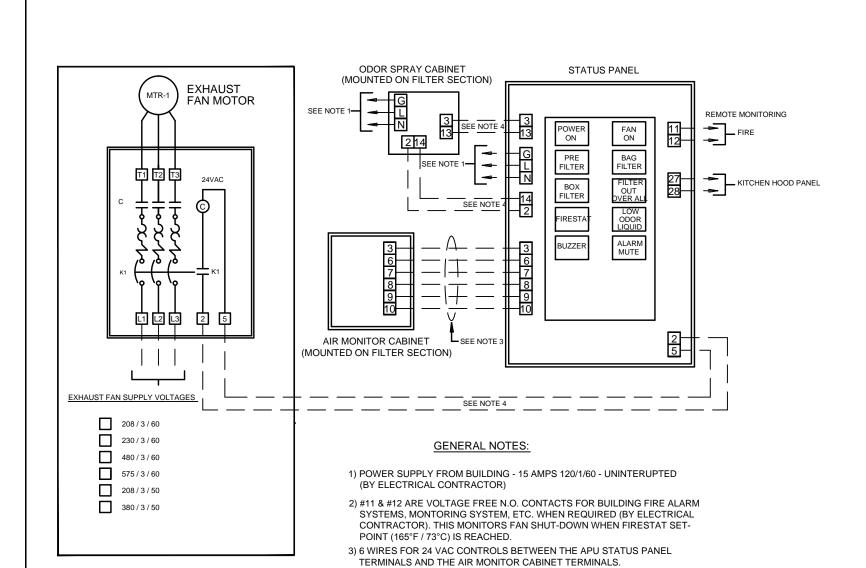


FLT. NO.	TYPE	SIZE	QTY.	S.P. (IN.WG)
1	40%	24"X12"X4"	3	0.15" CLEAN
		24"X24"X4"	9	
2	95%	24"X12"X22"	3	0.70" CLEAN
		24"X24"X22"	9	
3	99%	24"X12"X12"	3	1.00" CLEAN
		24"X24"X12"	9	

FAN SECTION

MAX. EXHAUST AIR	20,000 CFM
TOTAL INTERNAL S.P.	2.35 W.G.
HOOD STATIC	1.60" W.G.
+ DUCT LOSS	2.20" W.G.
= TOTAL EXTERNAL S.P.	3.80" W.G.
TOTAL SYSTEM S.P.	6.15" W.G.
MOTOR RPM	1,750 W.G.
MOTOR	40 HP
POWER	33.16 BHP
FULL LOAD AMPS	52 AMPS
VOLTAGE	480/3/60
FAN RPM	2,023 RPM
WEIGHT	2,460 LBS





(BY ELECTRICAL CONTRACTOR)

4) ALL EXTERNAL CONTROL WIRING SHALL BE 12GA. MINIMUM OR AS PER

GENERAL CONTRACT CONDITIONS

ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION.

ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND ACKNOWLEDGED ON OUR STANDARD FORM.

CONFIRM SEQUENCE OF OPERATION

GENERAL NOTES

-ECOLOGY UNIT IS U.L. & U.L.C. LISTED.

FOR FILTER REMOVAL AND FIELD SERVICING.

PRIMED AND PAINTED.

CONFORM TO N.F.P.A. 96

FILTER SUPPORT FRAME

ELECTRICAL

INSTALLATION:

GENERAL:
-CABINETS ARE OF WELDED STEEL CONSTRUCTION,

-THE EXHAUST DUCT CONNECTION AT THE ENTRANCE TO

THE FILTER SECTION MUST BE CONTINUOUSLY WELDED.

-EXHAUST DUCT WORK INSTALLED BETWEEN EXHAUST

-ALL DUCT WORK BETWEEN EXHAUST VENTILATOR(S),

ECOLOGY UNIT AND DOWNSTREAM FROM ECOLOGY UNIT

TRANSITIONED TO THE FULL OPENING AT THE UNIT INLET

VENTILATOR AND ECOLOGY FILTER SECTION MUST

SHALL BE SUPPLIED AND INSTALLED BY OTHERS.

-FILTERS MUST BE INSTALLED IN THE PROPER SEQUENCE AND PROPERLY SEATED AGAINST THE

-ALL UNITS SHOULD BE PLUMB AND LEVEL

-WIRE SIZES TO BE DETERMINED BY THE

INTERIOR SUSPENDED UNITS:

AND INSTALLED BY OTHERS.

TED AT ALL TIMES.

-ALL DUCT CONNECTIONS TO THE UNITS MUST BE

-A STRUCTURAL ENGINEER SHALL VERIFY THAT THE

STRUCTURE WILL SUPPORT THE ADDITIONAL LOAD.

-THE CONTROL PANEL IS WALL MOUNTED AT THE

LOCATION SPECIFIED BY THE MECH. CONSULTANT.

ELECTRICAL RATINGS ON THE UNIT RATING PLATE

-SUSPENDED UNITS MUST BE PROVIDED WITH A SERVICE PLATFORM ALONG ENTIRE LENGTH OF UNIT

ENSURE PROPER ACCESS TO ECOLOGY SYSTEM.

BY OTHERS. THE PLATFORM SHOULD BE 30" WIDE TO

-SUSPENSION RODS MUST BE INSTALLED IN SUCH A

WAY THAT THE ACCESS DOORS ARE NOT OBSTRUC-

-ALLOW 6" CLEARANCE ABOVE FILTER SECTION FOR

SHT 1

OF 2

ACCESS TO PRESSURE SWITCH PORTS.

-SUSPENDED UNITS TO BE MOUNTED ON PLATFORMS OR SUSPENDED BY HANGING RODS FROM SUPPORT ANGLES WELDED TO THE ECOLOGY UNIT STRUTURAL FRAME. PLATFORM AND HANGING RODS SUPPLIED

AND CONFORM TO ELECTRICAL STANDARDS.

-ALLOW MINIMUM OF 30" CLEARANCE ON ACCESS SIDE

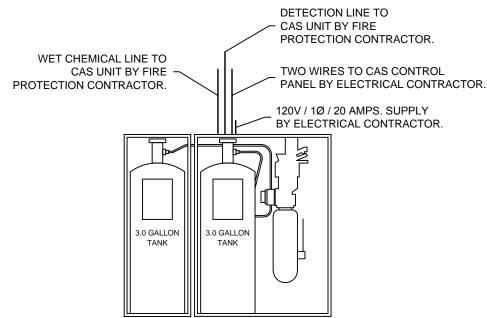
SYSTEM ON MODE:
SELECTOR SWITCH IN "ON" POSITION
- EXHAUST FAN ON
- MAKE-UP AIR FAN ON (OPTIONAL)

SYSTEM OFF MODE: SELECTOR SWITCH IN "OFF" POSITION - EXHAUST FAN OFF

- MAKE-UP AIR FAN OFF (OPTIONAL)

FIRE MODE AT HOOD FIRE SYSTEM:
- EXHAUST FAN TURNS ON
- MAKE-UP AIR FAN TURNS OFF (OPTIONAL)

FIRE MODE AT CAS UNIT:
- EXHAUST FAN TURNS OFF
- MAKE-UP AIR FAN TURNS OFF (OPTIONAL)



ANSUL NOTES

DIMENSIONS : 26" L x 7 1/2" W x 23 1/2" H

MOUNTING WEIGHT: 100 LBS.

NOTE:

UNIT TO SERVICE HOODS #179A/B, 362A/B, AND 411 IN MAIN KITCHEN AREA

NOTE:

FAN C/W ACOUSTIC INSULATION PACKAGE
TO REDUCE SOUND

CAS UNIT WILL AUTOMATICALLY TURN ON WHEN ANSUL IS IN FIRE MODE

NOTE:

03/11/13

CONFIRM RIGHT HAND ACCESS []
COMFIRM DATA CHART []

SHOP NOTE:
BUILD PER U.L. CONSTRUCTION METHODS

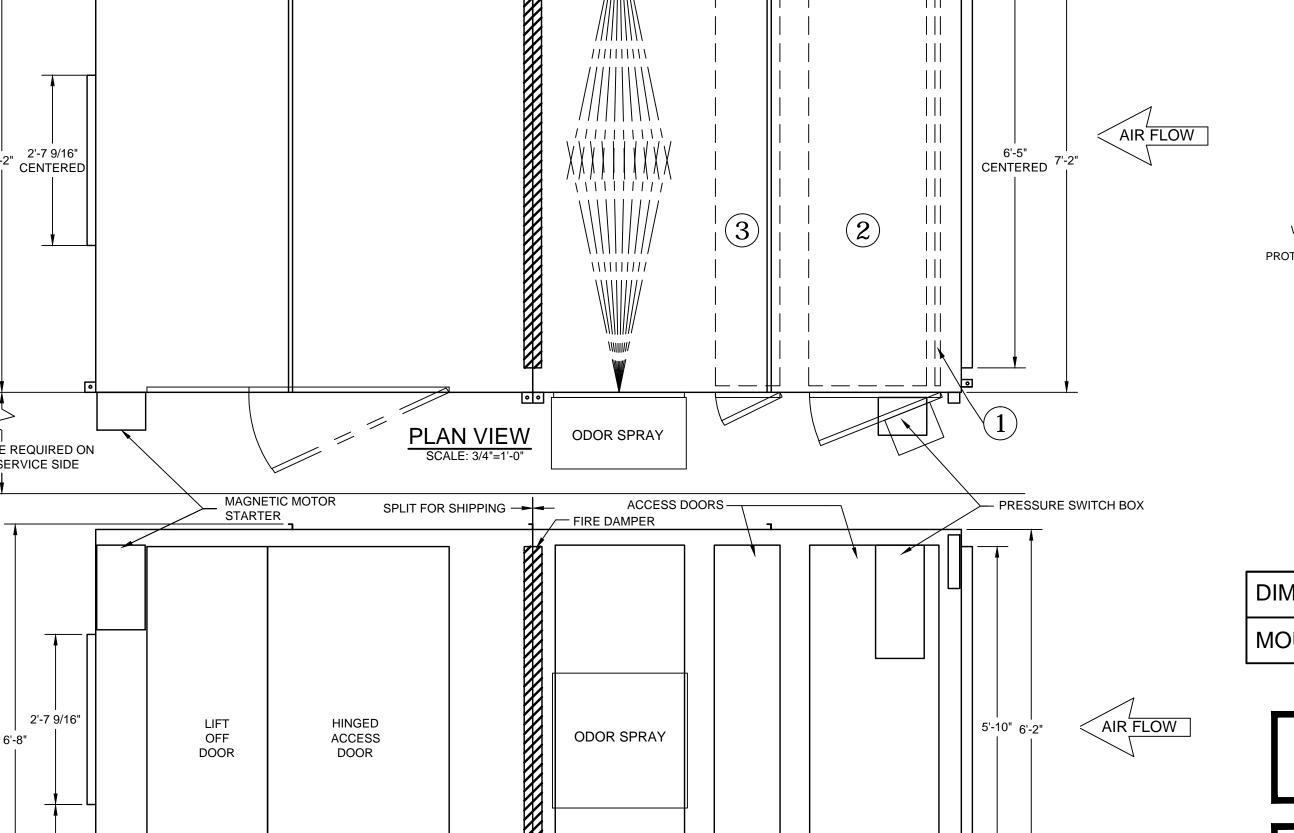
CADDY Air Systems **REVISIONS** REV DATE BY REMARKS P.O. BOX 345 BRIDGEPORT NJ 08014 UPDATED PER CONVERSATION WITH ED A 3-25-13 DRA Tel:(856) 467-4222 Fax:(856) 467-5511 **EQUIPMENT SCHEDULE** B 4-4-13 ECC MODIFIED SIZE OF STATUS PANEL 6-10-13 ECC REMOVED ITEM 10 & ADJUSTED DESIGN AIR EXHAUST FOR ITEMS 232 & 528 KEF-B1.2 20000 CASKEF CADDY NO. 11383B ITEM NO. 232 JOB: LOEWS HOTEL LOC: CHICAGO, IL **CUST: MIDWESCO MECHANICAL & ENERGY** CUST#: 13-1250-003

DWG# D-1-19038

AS NOTED

2" X 2" TYP. HANGING BRACKET

4" ANSUL PRE-PIPING

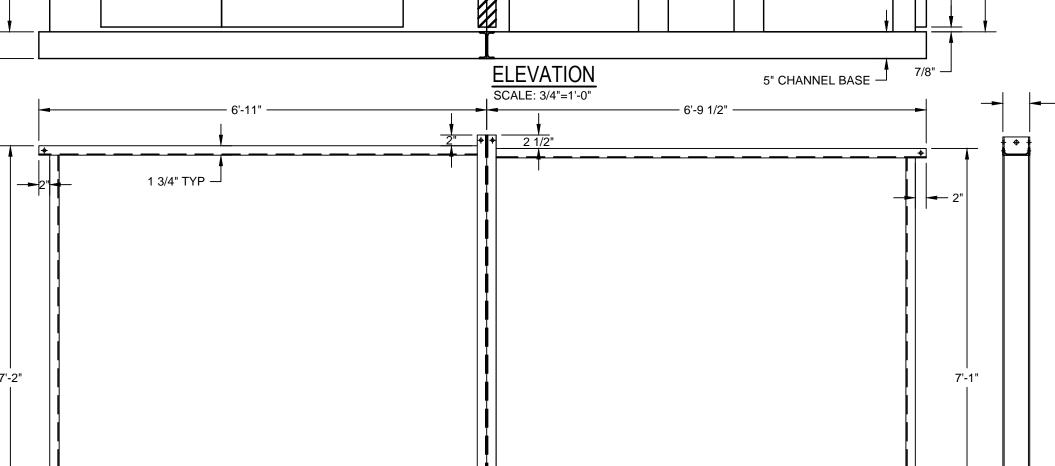


FILTER SECTION

ODOR SPRAY

FAN SECTION

FAN SECTION



FILTER SECTION

