

HOOD INFORMATION

MODEL	LENGTH	EXHAUST CFM			ELEC.		WEIGHT LBS
		SINGLE	DOUBLE	TRIPLE	LIGHTS	VFD	
AVI 3255	9'-4"	500	828	1254	20/1/40	208/3/40	100

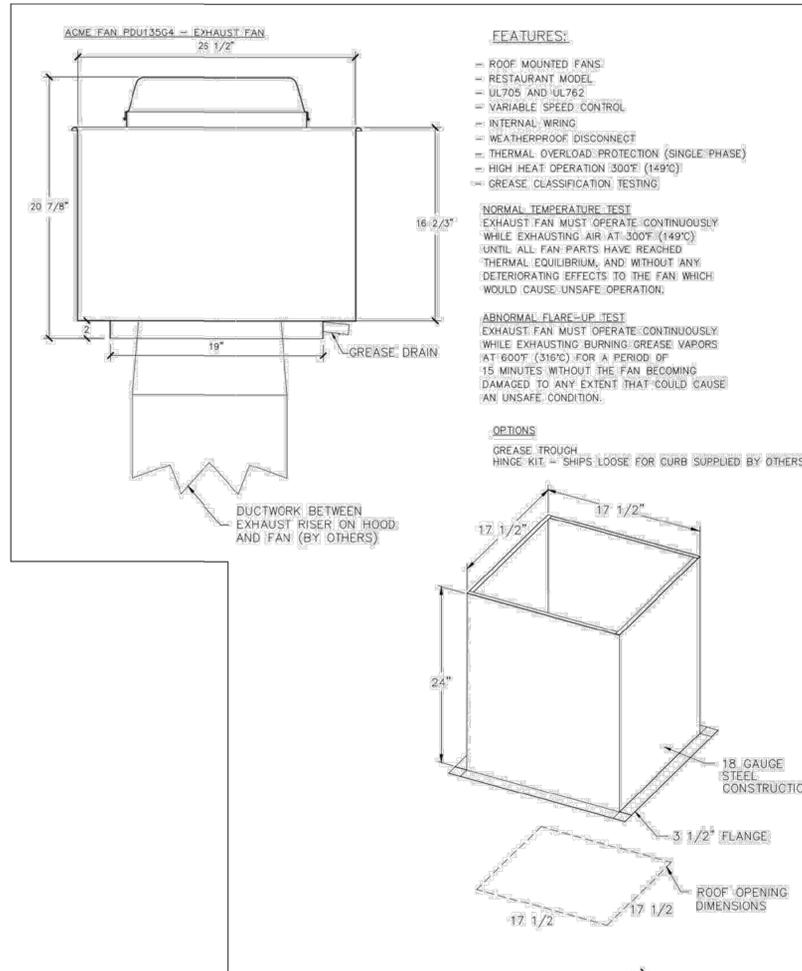
- CONSTRUCTED OF 18 GA. 430 STAINLESS STEEL WHERE EXPOSED
- INCLUDES (2) 12X16 AND (2) 12X20 ALUMINUM BAFFLE STYLE GREASE FILTERS.
- LISTED PER UL10 AND ETL 2000881, TYPE I HOOD

EXHAUST FAN INFORMATION

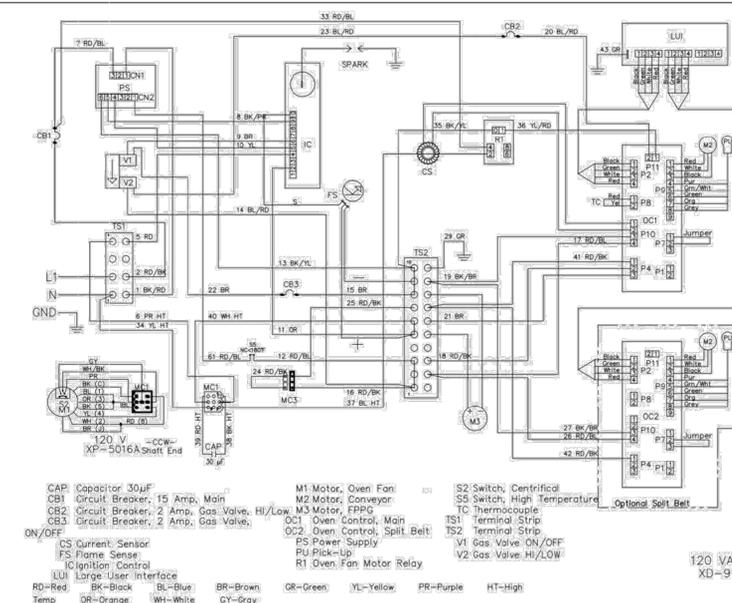
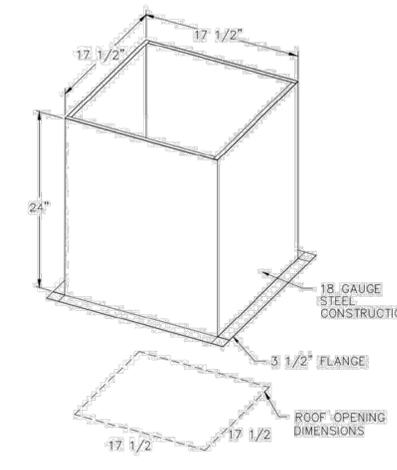
MODEL	CFM	ESP	RPM	H.P.	PHASE	VOLT	WEIGHT (LBS)	SONES
ACME PDU135G4	1800	15	2055	0.75	3	208	72	15.0

- UL 742 LISTED
- SEE MECHANICAL DRAWINGS FOR MAKE UP AIR REQUIREMENTS

*GREASE DUCT WRAP TO MEET ASTM E2334



- FEATURES:**
- ROOF MOUNTED FANS
 - RESTAURANT MODEL
 - UL705 AND UL782
 - VARIABLE SPEED CONTROL
 - INTERNAL WIRING
 - WEATHERPROOF DISCONNECT
 - THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
 - HIGH HEAT OPERATION (300°F) (149°C)
 - GREASE CLASSIFICATION TESTING
- NORMAL TEMPERATURE TEST**
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETEIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.
- ABNORMAL FLARE-UP TEST**
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.
- OPTIONS**
GREASE TROUGH
HINGE KIT - SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS



- GENERAL ELECTRICAL REQUIREMENTS**
- HOOD ELECTRICAL CONNECTION COMPARTMENT CONTAINS THE FOLLOWING:
VFD FEEDER
FEEDER INPUT & OUTPUT TO EXHAUST AND SUPPLY MOTORS
LIGHTING CIRCUIT(S)
ANSUL / FIRE SUPPRESSION ALARM RELAY
ALL REQUIRED POWER AND CONNECTION IS BE SUPPLIED BY ELECTRICAL CONTRACTOR.
 - PROVIDE INTERLOCK BETWEEN HOOD AND FIRE SUPPRESSION SYSTEM.
 - PROVIDE INTERLOCK BETWEEN HOOD AND ELECTRICAL GAS VALVE.
 - PROVIDE INTERLOCK BETWEEN HOOD AND SHUNT TRIP CIRCUIT BREAKERS -- IF REQUIRED, INCLUDE ALL REQUIRED CONTROL POWER, CONTROL WIRING, CONTACTORS, RELAYS ETC.
 - PROVIDE FIRE ALARM ADDRESSABLE MODULES OR REQUIRED INTERFACES TO FIRE ALARM SYSTEM IF PROJECT HAS A FIRE ALARM SYSTEM. INTERLOCK WITH HOOD FIRE SUPPRESSION SYSTEM TO BE ACTIVATED UPON SYSTEM ACTIVATION. INCLUDE ALL REQUIRED DEVICES AND ANY CONTROL OR DEVICE REQUIRED BY CODE.
 - CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL, LABOR, AND ANY ITEMS REQUIRED TO CONNECT SYSTEM LEAVING A COMPLETE, CODE COMPLIANT AND FULLY FUNCTIONAL SYSTEM.
 - ANY LOCATION SHOWN ON DRAWINGS OR SCHEMATICS IS TO BE VERIFIED PRIOR TO ROUGH-IN OR INSTALLATION. ALL LOADS AND MOTOR SIZES ARE TO BE VERIFIED PRIOR TO ORDERING EQUIPMENT. EXTEND POWER & WIRING TO FINAL LOCATIONS.
 - VERIFY OVEN POWER CONNECTION POINT PRIOR TO ROUGH-IN OF EXTERNAL RECEPTACLES, RUN POWER FOR EACH OVEN THROUGH HOOD IF REQUIRED.
 - COORDINATE ALL REQUIREMENTS AND EXACT LOCATIONS OF MOTORS, HOODS, FIRE SUPPRESSION AND ANY OTHER RELATED EQUIPMENT OR SYSTEM WITH SYSTEM VENDOR & INSTALLER.
- LEGEND:**
CAP: Capacitor, 30µF
CB1: Circuit Breaker, 15 Amp, Main
CB2: Circuit Breaker, 2 Amp, Gas Valve, HI/Low
CB3: Circuit Breaker, 2 Amp, Gas Valve, HI/Low
M1: Motor, Oven Fan
M2: Motor, Conveyor
M3: Motor, FPPG
OC1: Oven Control, Main
OC2: Oven Control, Split Belt
PS: Power Supply
PU: Pick-Up
R1: Oven Fan Motor Relay
S2: Switch, Centrifugal
S5: Switch, High Temperature
TC: Thermocouple
TS1: Terminal Strip
TS2: Terminal Strip
V1: Gas Valve ON/OFF
V2: Gas Valve HI/LOW
- 120 VAC 1 PH 60 Hz
XD-9130F-6A-S 1B
Right Side
05/21/2015

Intertek AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

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Applicant: Wolfe Electric, Inc. DBA XLT Inc.
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FAX: (316) 943-2769
Email: rickhausler@xltovens.com

Manufacturer: Wolfe Electric, Inc. DBA XLT Inc.
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Wichita, KS 67209-2003
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Contact: Rick Hausler (316) 943-2751
FAX: (316) 943-2769
Email: rickhausler@xltovens.com

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Portland, OR
Control Number: 2000887
Authorized by: [Signature] for Thomas J. Patterson, Certification Manager



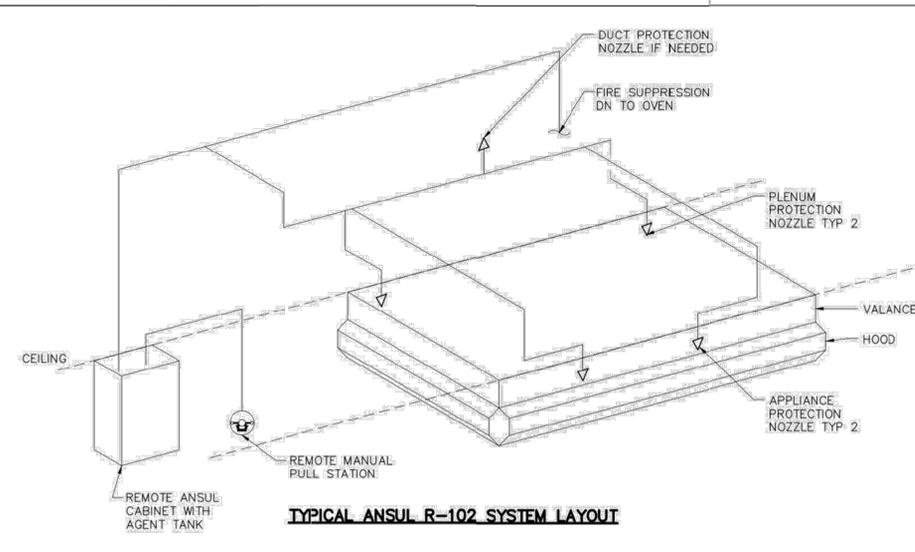
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Intertek Testing Services NA Inc.
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Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

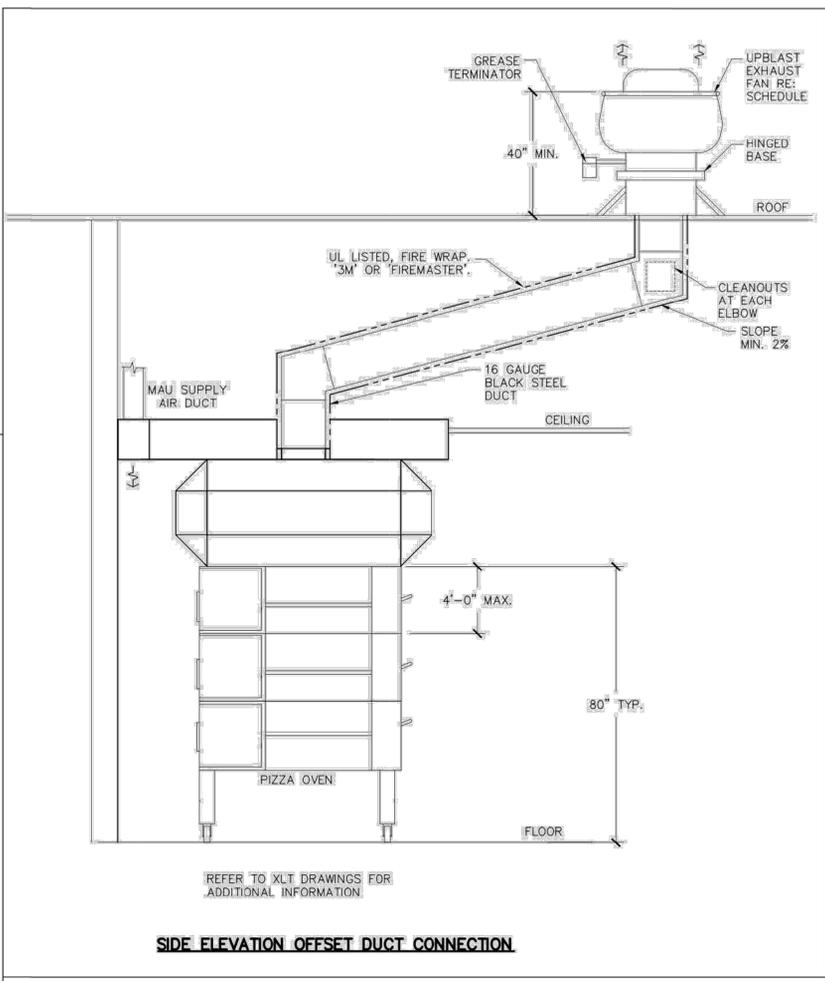
Standard(s): • UL 710 Issued: 2012/09/13 Ed: 6 Rev: 2013/11/05 Exhaust Hoods for Commercial Cooking Equipment
• ULCS-5646-Exhaust Hoods and Related Controls for Commercial and Institutional Kitchens, 3rd Ed., Rev. 7/2010

Product: Type 1 Exhaust Hood
Brand Name: XLT Hood

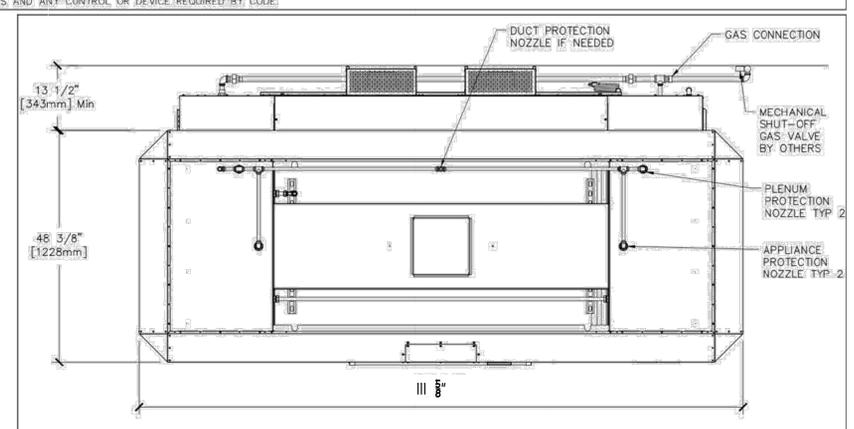
Models: AVI 1832 or H3(A thru Z) 1832-XXXXX, AVI 1855 or H3(A thru Z) 1855-XXXXX, AVI 2440 or H3(A thru Z) 2440-XXXXX, AVI 3240 or H3(A thru Z) 3240-XXXXX, AVI 3255 or H3(A thru Z) 3255-XXXXX, AVI 3270 or H3(A thru Z) 3270-XXXXX, AVI 3855 or H3(A thru Z) 3855-XXXXX and AVI 3870 or H3(A thru Z) 3870-XXXXX



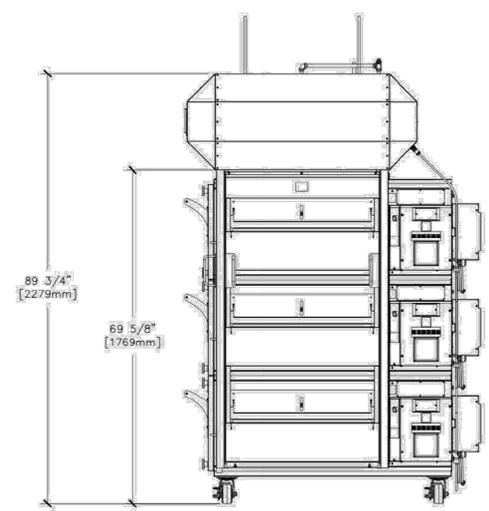
TYPICAL ANSUL R-102 SYSTEM LAYOUT



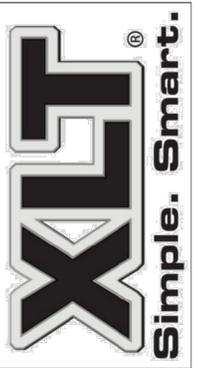
SIDE ELEVATION OFFSET DUCT CONNECTION



PLAN VIEW - Hood 3255



SECTION VIEW - MODEL 3255



XLT 3255 W/ AVI HOOD

FOR REFERENCE ONLY

M003