

Amerex Pre-Engineered Fire Suppression System

Wet Chemical - Kitchen System

Installation Location:

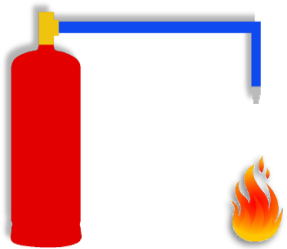
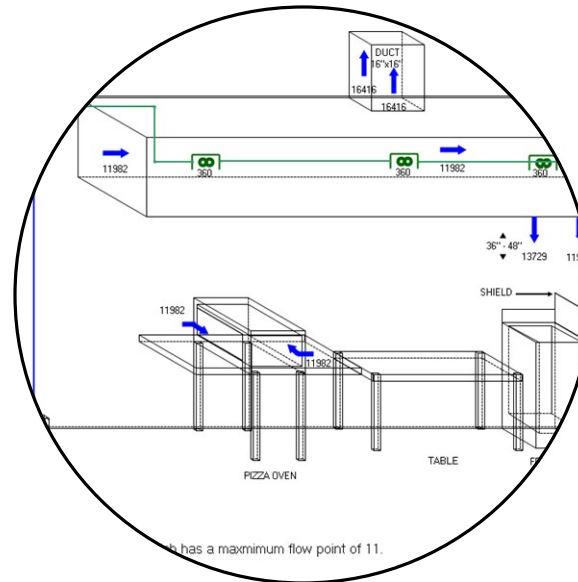
Johnston County Mart repair

Reviewed for Fire Code Compliance



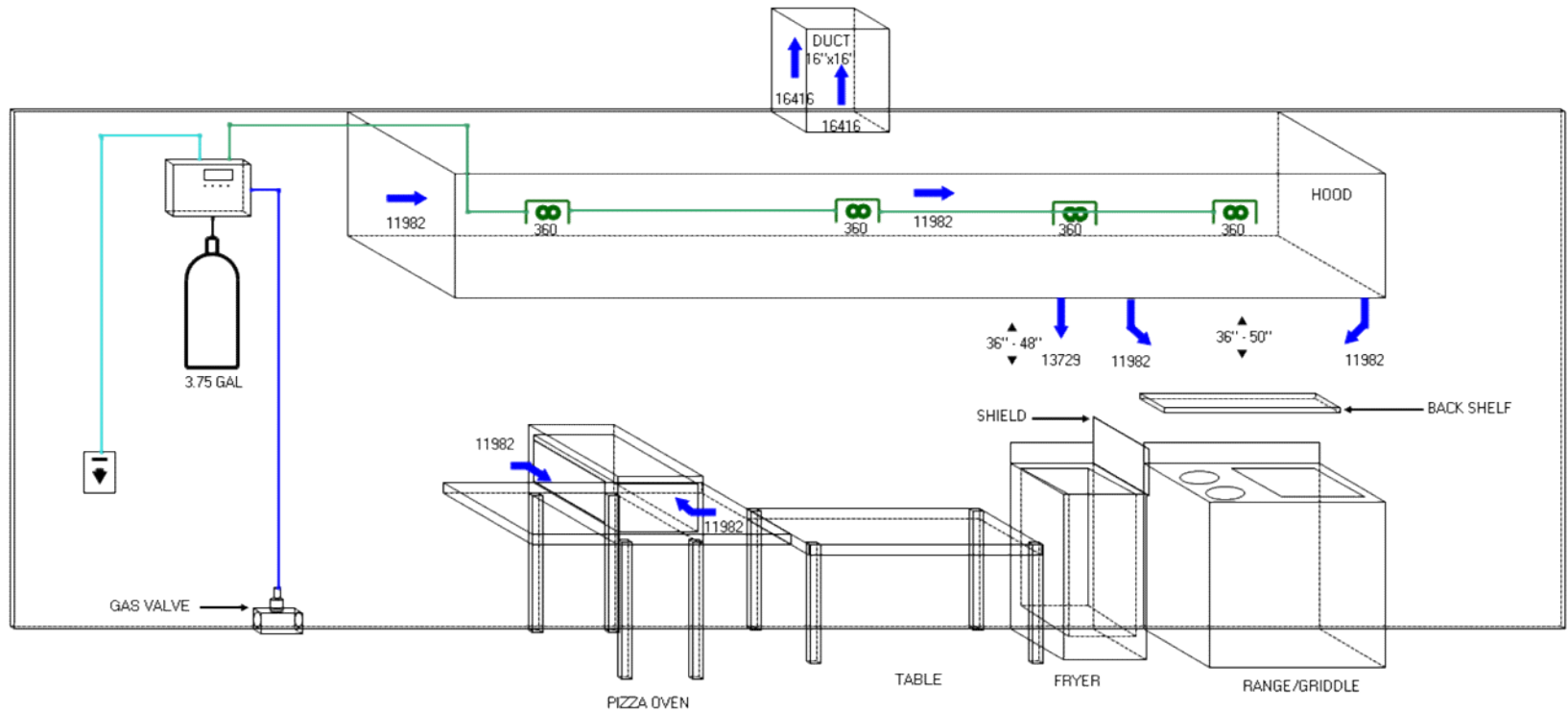
Leslie Jackson

12/11/2024 3:14:22 PM



All American Fire Protection
159 S Main St
Spring Lake, NC 28390-3901
910-496-0600
msmith@allamericanfireusa.com

Amerex Pre-Engineered Fire Suppression System



This is an Amerex kitchen fire suppression system model KP 375, which has a maximum flow point of 11.

This application of Amerex KP 375 uses 10 flow points.

Appliance line up: Chainbroiler, Fryer & Range burner/Griddle combination.

SCALE

1 foot



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For:
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Job: repair

Date: 12/6/2024

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AGENT CYLINDER - KP375



Model 375	U.S.	METRIC
Height	24 13/16 in	63.02 cm
Diameter	10 in	25.4 cm
Weight Full	64 1/2 lbs.	29.25 kg
Capacity	3.75 gal	14.2 L
Flow Points	11	11
Two Cyl. Flow Points	22	22

P/N: 13334

AMEREX KP Model 375 Agent Cylinder Assemblies have 3.75 gallon agent capacity and are shipped factory filled with AMEREX KP Wet Chemical Agent. The cylinders are pressurized with dry nitrogen or argon gas to a pressure of 240 psi (1655 kPa) at 70 F (20 C). This gas is the expellant gas which discharges the wet chemical agent through the distributor network. One cylinder is capable of supplying agent to 11 flow points and two can supply a combined 22 flow points when manifolded.



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FUSIBLE LINKS



EXPOSURE LIMIT				
Part No.	Link Rating		Max. Ambient Temperature	
12326	212 F	100 C	150 F	66 C
12327	280 F	138 C	225 F	107 C
12328	360 F	182 C	300 F	149 C
12329	450 F	232 C	375 F	191 C

Multiple temperature ratings of fusible links are available. They are assembled using solder which will melt at a predetermined temperature allowing the two halves of the link to separate, triggering the detection network.



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KP DISCHARGE NOZZLES

APPLIANCE TYPE	PART NO.	FLOWPOINTS	MARKINGS
Appliance & Plenum	11982	1	11982 1 x 38
Solid Fuel Char-Broiler	11983	1 1/2	11983 1 x 55
Upright Broiler	11984	1/2 Each	11984 .05x 71
Fryer & Griddle	13729	2	13729 2 x FG
Range (4 Burner)	14178	2	14178 2 x R
Duct	16416	1	16416 1 x D
Back Shelf Nozzle	16853	1/3	16853 1/3 x BS



The AMEREX KP system uses 7 different nozzles, each type of nozzle is specifically machined so it can be identified by touch and are also stamped with the part number. All AMEREX KP nozzles come with high temp metal nozzle caps (P/N 12504)



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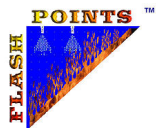
MANUAL PULL STATION



P/N: 21481

This Manual Pull Station may either be surface or recess mounted. The oversized cover is large enough to cover the sheetrock access hole for the standard 4" octagonal box and remain attractive and functional. Manual Pull Stations should be located in the path of egress and mounted at a height conforming to the local code requirements.

The surface and recess mounted pull stations are also available in French



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Fire Marshal Division

P.O. Box 370
Lillington, NC 27546
910-893-7580

Application for Plan Review

Permit Type: _____

Date Received: _____ Received By: _____

Name of Project: _____

Physical Address of Project: _____

Plans Submitted By: _____

Project Phone: (_____) - ____ - ____

Contact Person/Address: _____

Contact Phone: (_____) - ____ - ____ (_____) - ____ - ____

Contractor's Name/Info: _____

Contractor's Phone: (_____) - ____ - ____

Contact Email: _____

- **Plans that are submitted will be reviewed as quickly as possible with an average time of review between 7-10 working days.**
- **Status checks may be conducted on plan reviews by visiting the website <http://hteweb.harnett.org/Click2GovBP/Index.jsp> or by calling the Harnett County Central Permitting Office (910-893-7525 : Opt. 2), or the Harnett County Fire Marshal's Office (910-893-7580).**
- **Approved plans must be picked up from the Central Permitting Office and all fees paid before any required inspections can be conducted.**