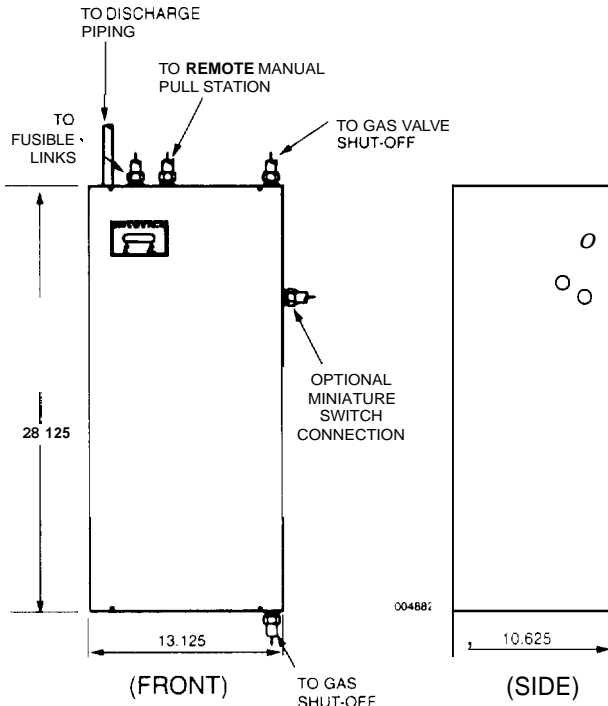
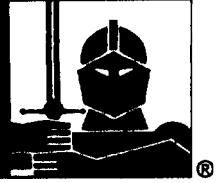
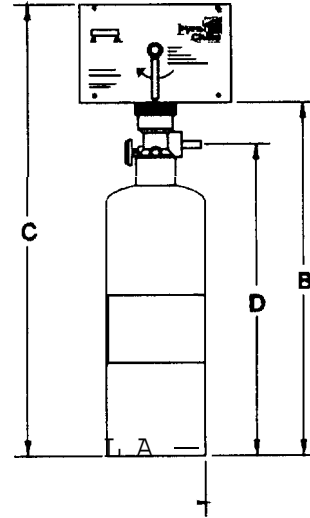


# Specification Sheet

**Kitchen Knight II  
Wet Chemical  
Restaurant Kitchen Fire  
Suppression System**



OPTIONAL CYLINDER ENCLOSURE



Model No.	A	B	C	D	Flow Point Capacity	Weight	Mounting Bracket Used
PCL-300	8.00	25.06	30.81	22.75	10	53 lbs.	MB-15
PCL-460	10.00	25.06	30.81	22.75	15	83 lbs.	MB-15
PCL-600	10.00	35.81	41.56	33.50	20	108 lbs.	MB-1

ALL DIMENSIONS IN INCHES

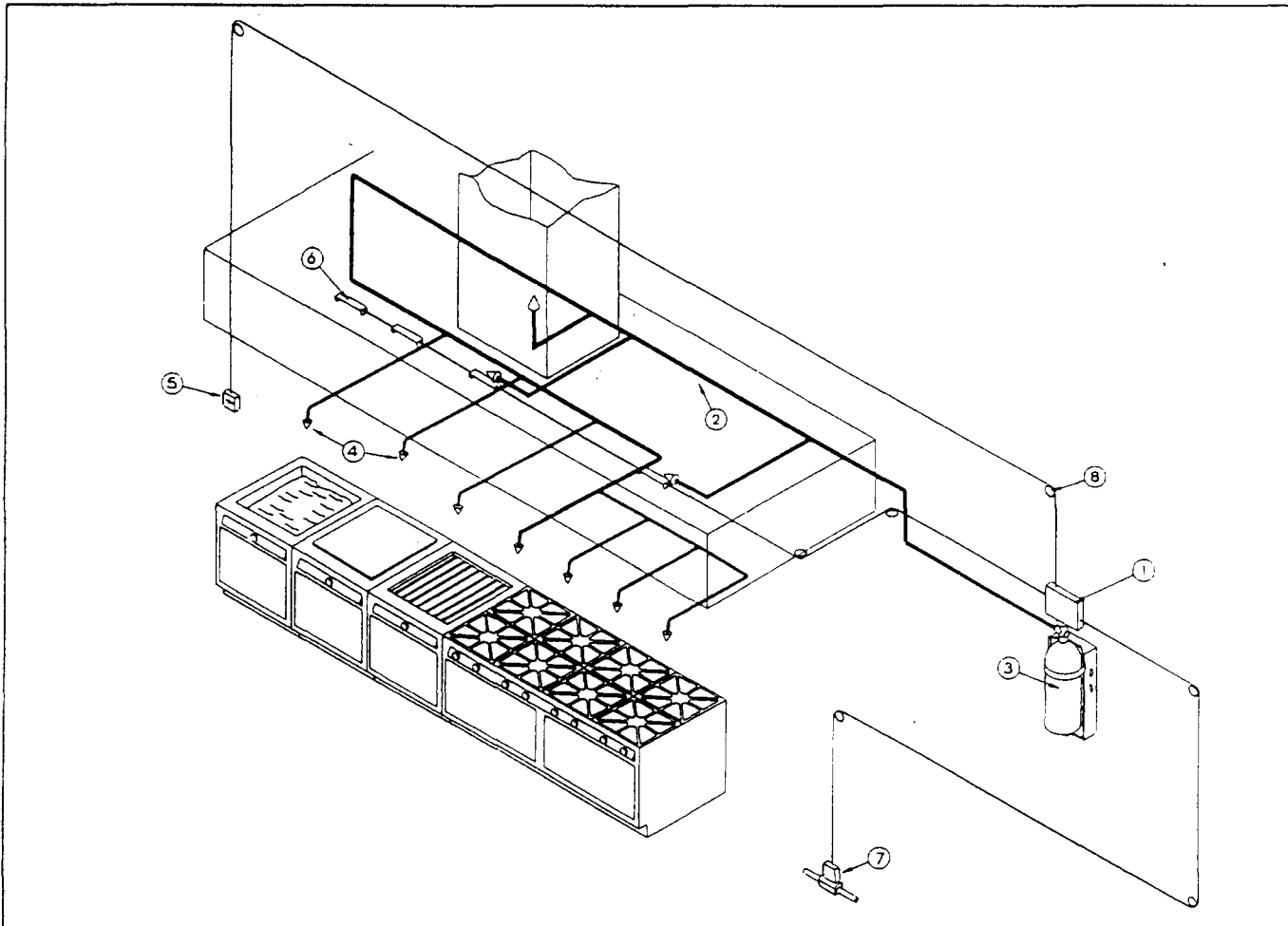


The system shall have been tested to the UL Standard for Fire Extinguishing Systems for Protection of Restaurant Cooking Area, UL300, and Listed by Underwriters Laboratories, Inc. It shall be installed in accordance with the National Fire Protection Association Standard No. 17A Wet Chemical Extinguisher Systems, and No. 96 Standard for the Installation of Equipment for the Removal of smoke and Grease Laden Vapors from Commercial Cooking Equipment, and comply with all local and/or state codes and standards. Refer to Pyro-Chem Kitchen Knight II Restaurant Fire Suppression System Manual, Part No. 551274, for detailed installation and maintenance instructions.

## Features

- UL and ULC Approved
- Complies with NFPA Standard 17A and 96
- Meets the requirements of the Building Officials and Code Administrators
- Approved by the City of New York Material and Equipment Acceptance Division

## Typical Installation



**CYLINDER CONTROL HEAD** - Integral design requires no separate release pressure cylinder. Separate wire cable activation lines for automatic fusible links and optional remote pull station provide an added measure of safety. An easily accessible manual release mechanism provides an option for the automatic fusible link and, depending on local codes, can be used in place of a remote manual pull station. Unique foolproof technique for achieving necessary input wire cable tension.

2 **PIPING** - Unbalanced piping network simplifies application design and installation. Requires no separate piping to connect system pressure cylinders to extinguishing agent container. Schedule 40 black iron, chrome-plated, or stainless steel pipe can be used.

3 **CYLINDERS (DOT 4BW225 Rated)** - Contain Pyro-Chem Potassium Carbonate wet chemical solution stored at 225 psig. Includes pressure gauge for visual maintenance checks. 3.0, 4.6, and 6.0-gallon sizes provide 10, 15, and 20 flow point coverage respectively, offering a broad range of application coverage.

4 **NOZZLES** - Can be fixed or fitted with a swivel adaptor allowing the nozzle to be rotated approximately 30" in all directions.

5 **REMOTE MANUAL PULL STATION** - Simple operating instructions with double action release avoids careless system discharge. Maximum limitations of 150 ft. cable run with 1/16 in. cable and 40 corner pulleys apply. A dedicated wire cable input line to the cylinder control head provides a true back up in the event the fusible links are fouled.

6 **FUSIBLE LINK DETECTION EQUIPMENT** - Accommodates both series and terminal placement to minimize inventory and simplify ordering. All necessary components are included for efficient assembly and installation. Fusible links rated for maximum ambient temperature must be ordered separately. Maximum limitations of 20 fusible links on a 150 ft. cable run with 40 corner pulleys provide substantial hazard coverage.

7 **AUTOMATIC GAS SHUT-OFF VALVE** - Complies with requirements pertaining to the shut off of fuel as described by NFPA 17A. Can be reset at control head after regular maintenance/service check for convenience to service technician. Maximum limitations of 100 ft. cable run with 30 corner pulleys provide mounting flexibility.

8 **CORNER PULLEYS AND ACCESSORIES** - Designed to ensure reliable system function as tested by Underwriters Laboratories.

# THIS IS TO CERTIFY THAT



Thomas Zielinski

while a current employee of the Authorized Pyro-chem Distributor:

SimplexGrinnell

has attended a requisite training class to install, maintain, test, inspect, and service Kitchen Knight II Restaurant Systems as outlined in the Installation, Maintenance, and Service Technical Manual.

April 13, 2009

Expires

Theryl Lemire  
Trained By

Richard Schmidt  
Manager of Training

**tyco**

Fire &  
security

SimplexGrinnell LP

20 Thomas Dr.  
Westbrook, ME 04092-  
Tel. (207)842-6440  
Fax (207)842-6439

U.S.A.

**SimplexGrinnell**

## PROPOSAL AND CONTRACT

SimplexGrinnell Contract # Quote #P05-129,	Salesperson: Tim Hinman	Date: Oct. 13, 2006
Invoice To: First Baptist Church 360 Canco Rd. Portland, ME 04103	Job Location: (same)	Customer PO #

SimplexGrinnell, for and in consideration of the prices herein named, proposes to furnish the work, and/or materials hereinafter described, subject to the conditions outlined below:

### SCOPE OF WORK:

Furnish & install a new 3-gallon Pyro-Chem wet chemical kitchen hood fire extinguishing system per UL300, NFPA 17A & NFPA 26 to protect a 6' hood, a 16" x 16" exhaust duct and a 6-burner range. Scope includes: A. City of Portland building permit and application submittal, B. The removal and disposal of the existing dry chemical system parts and pipe except for the gas shutoff valve which will be re-used, C. Furnishing a DPDT microswitch to enable a connection to the main building fire alarm system (if existing) and D. Furnishing a Class K fire extinguisher. Doesn't include alarm wiring if applicable. Total price: \$1,954.

<b>TERMS OF THIS AGREEMENT ARE</b>		NET 10 <input type="checkbox"/>	NET 30 <input checked="" type="checkbox"/>	C.O.D. <input type="checkbox"/>
<input type="checkbox"/> Time and Material	<input type="checkbox"/> Price Not to Exceed \$ _____	<input checked="" type="checkbox"/> Fixed Price of \$1,954		
DEPOSIT: \$ _____	BALANCE DUE: \$ _____	AMEX <input type="checkbox"/>	MC/VISA <input type="checkbox"/>	Discover <input type="checkbox"/>
CREDIT CARD # _____	Expiration Date: _____	Name on Credit Card: _____		

### IMPORTANT NOTICE TO CUSTOMER

- The price for work to be performed under this agreement on a time and material basis shall be based upon the prevailing SimplexGrinnell prices for material, labor, and related items, in effect at the time supplied under this agreement. Further, in the event that this agreement is executed on a "price not to exceed" basis, the price to the customer shall be lesser of: 1. The limit price quoted, OR 2. The actual cumulative billing based on the aforementioned prevailing prices.
- SimplexGrinnell does not undertake an obligation to inspect for Code compliance unless stated in the above Scope of Work.
- Unless otherwise agreed in writing between the parties, the Customer shall pay SimplexGrinnell within thirty (30) days of the date of this Agreement. If SimplexGrinnell is subsequently requested by the Customer to perform additional work beyond the work set out in the above scope of work, the Customer shall pay SimplexGrinnell within net 10 or net 30 days (as selected above) from the date of the invoice or the date of completion of the work, whichever is earlier. The Customer agrees to pay all taxes, permits, and other charges, including but not limited to state and local sales and excise taxes, however designated, levied or based on the service charges pursuant to this Agreement. Where the Agreement is not executed, payment shall constitute acceptance of the terms and conditions of this Agreement.
- Additional work performed for the Customer by SimplexGrinnell (beyond the work set out in the above scope of work section) will be included in subsequent invoices and shall be governed by and subject to all of the terms and conditions of this Agreement.
- CUSTOMER AGREES THAT SIMPLEXGRINNELL'S LIABILITY FOR PERSONAL INJURY, DEATH OR PROPERTY DAMAGE, WHETHER ARISING IN CONTRACT, TORT, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE AGREEMENT PRICE SET OUT ABOVE (AS INCREASED BY THE PRICE FOR ANY ADDITIONAL WORK) OR, WHERE THE TIME AND MATERIAL TERM IS SELECTED ABOVE, CUSTOMER'S TIME AND MATERIALS PAYMENTS TO SIMPLEXGRINNELL. CUSTOMER FURTHER AGREES THAT SIMPLEXGRINNELL SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR ANY ECONOMIC LOSS DAMAGES OF ANY KIND AND THAT THE CUSTOMER SHALL HOLD SIMPLEXGRINNELL HARMLESS FROM ANY AND ALL THIRD PARTY CLAIMS RELATING TO THE CUSTOMER'S FAILURE TO MAINTAIN THE SYSTEMS OR TO KEEP THEM IN OPERATIVE CONDITION OR RELATING TO SIMPLEXGRINNELL'S PERFORMANCE OR FAILURE TO PERFORM UNDER THIS AGREEMENT.
- THIS AGREEMENT CONSISTS OF THIS AGREEMENT PAGE AND THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF OR ATTACHED HERETO, and is the complete agreement between the parties. Customer acknowledges that he has read this agreement, understands it, and agrees to be bound by its terms and conditions. Neither party shall be bound by any statements or representation not contained in this agreement.

First Baptist Church

[Customer name]

By: William Kern  
Name: \_\_\_\_\_  
Title: Church Deacon Board

SIMPLEXGRINNELL LP

By: Tim Hinman  
Name: Tim Hinman  
Title: Suppression Sales Rep