

**Reliable**

TECHNOLOGY • QUALITY • SERVICE

TAKING YOU THROUGH THE 21<sup>st</sup> CENTURY & BEYOND...

Newsletter

Now

## cULus Listed & FM Approved!

February 2003

Dear Valued Customer,

We are pleased to announce that our **K-22 Magnum, ESFR Sprinkler** is now cULus Listed and FM Approved!

K-22 Magnum has been optimized for 45 feet high buildings, which eliminates in-rack sprinklers. These lower flows offer opportunities to reduce:

- Interior Piping
- Fire Pump Sizes
- Underground Pipe
- Tank Sizes

For more information, refer to Technical Bulletin #166.

All of our bulletins are available on our website at [www.reliablesprinkler.com](http://www.reliablesprinkler.com). If you have any questions, please call our Technical Services Department at 1.800.431.1588

Sincerely,



Michael R. Fee

V.P. Marketing & Sales Operations

# Now cULus Listed & FM Approved!

# THE K-22-MAGNUM ESFR SPRINKLER



### DESIGN SAVINGS:

- SPRINKLER HAS BEEN OPTIMIZED FOR 45 FOOT HIGH BUILDINGS.
- MINIMUM SYSTEM DESIGN SAVINGS IS:
  - ◆ 216+ GPM FOR cULUS
  - ◆ 240+ GPM FOR FM APPROVAL

## BEATS THE K-25!

### SINGLE SPRINKLER PRESSURE & FLOW REQUIREMENTS:

Approval	Bldg. Height	K-25		K-22		K-22 System Savings
		PSI	Flow	PSI	Flow	
cULus	45 w/ 40' Stor.	40	160	40	142	<b>216+ GPM</b>
FM	45 w/ 40' Stor.	50	178	50	158	<b>240+ GPM</b>

- ELIMINATE IN-RACK SPRINKLERS FOR 45' HIGH BUILDINGS.
- LOWER FLOWS OFFER OPPORTUNITIES TO REDUCE:
  - INTERIOR PIPING
  - UNDERGROUND PIPE
  - FIRE PUMPS SIZES
  - TANK SIZES
- MAXIMUM DEFLECTOR DISTANCE FROM CEILING (ROOF) = 18 INCHES.
- AVAILABLE IN 155°F AND 200°F
- TECHNICAL BULLETIN #166