

**cULus Listed, FM, VdS & LPCB Approved!**

# THE K-22-MAGNUM

## ESFR SPRINKLER



### DESIGN SAVINGS:

- SPRINKLER HAS BEEN OPTIMIZED FOR BUILDINGS OVER 40 FEET (12.2M) HIGH.
- MINIMUM SYSTEM DESIGN SAVINGS IS:
  - ♦ 216+ GPM (817+ L/MIN) FOR cULUS
  - ♦ 240+ GPM (908+ L/MIN) FOR FM, VdS & LPCB APPROVAL

**BEATS THE K-25!**

### SINGLE SPRINKLER PRESSURE & FLOW REQUIREMENTS:

Approval	Bldg. Height*	K-25 (K=360)		K-22 (K=320)		K-22 System Savings
		PSI	Flow	PSI	Flow	
cULus	45 w/ 40' Stor. (18.7m)	40 psi (2.8 bar)	160 gpm (605 L/min)	40 psi (2.8 bar)	142 gpm (537 L/min)	216+ GPM (817+ L/min)
FM, VdS** & LPCB	45 w/ 40' Stor. (13.7m)	50 psi (3.4 bar)	178 gpm (673 L/min)	50 psi (3.4 bar)	158 gpm (598 L/min)	240+ GPM (908+ L/min)

\* with up to 40 ft. (12.2m) storage  
\*\* VdS approval is for K-22 only

- ELIMINATE IN-RACK SPRINKLERS FOR BUILDINGS OVER 40' (12.2M) HIGH.
- LOWER FLOWS OFFER OPPORTUNITIES TO REDUCE:
  - INTERIOR PIPING
  - UNDERGROUND PIPE
  - FIRE PUMPS SIZES
  - TANK SIZES
- MAXIMUM DEFLECTOR DISTANCE FROM CEILING (ROOF) = 18" (457MM).
- AVAILABLE IN 155°F (68°C) AND 200°F (93°C).
- TECHNICAL BULLETIN #166.