



# Fire Sprinkler Hydraulic Data Plate

Project: \_\_\_\_\_ Date: \_\_\_\_\_  
 Work Site Location: \_\_\_\_\_ System: \_\_\_\_\_  
 Contractor: \_\_\_\_\_ Zone: \_\_\_\_\_  
 Contractor Address: \_\_\_\_\_ Area: \_\_\_\_\_

## SYSTEM DESIGN

Hazard: LH \_\_\_\_\_ OH-I \_\_\_\_\_ OH-II \_\_\_\_\_ EH-I \_\_\_\_\_ EH-II \_\_\_\_\_ RES \_\_\_\_\_  
 Misc. Storage up to 12 ft. -Class Type \_\_\_\_\_ is Equal to \_\_\_\_\_ Hazard  
 NFPA Standard: \_\_\_\_\_ Edition: \_\_\_\_\_ System Type: \_\_\_\_\_  
 Area/Sprinkler: \_\_\_\_\_ sq. ft. used; \_\_\_\_\_ sq. ft. allowed

Manufacturer: \_\_\_\_\_

Model	Type	K-Factor	Size	Degree	Qty
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

## CALCULATION DATA

Density/Area: \_\_\_\_\_ gpm/sf over \_\_\_\_\_ sq. ft. area  
 End sprinkler: \_\_\_\_\_ gpm @ \_\_\_\_\_ psi No. of sprinklers flowing \_\_\_\_\_  
 Hose stream allowance: \_\_\_\_\_ gpm Rack demand: \_\_\_\_\_ gpm  
 Demand: At base of riser \_\_\_\_\_ gpm @ \_\_\_\_\_ psi  
           At pump discharge \_\_\_\_\_ gpm @ \_\_\_\_\_ psi  
           At source \_\_\_\_\_ gpm @ \_\_\_\_\_ psi

## SUPPLY DATA

Test location: \_\_\_\_\_  
 Test by: \_\_\_\_\_ Test date: \_\_\_\_\_  
 Public: Static \_\_\_\_\_ psi; Residual \_\_\_\_\_ psi; Flow \_\_\_\_\_ gpm  
 Fire Pump Rating: \_\_\_\_\_ gpm @ \_\_\_\_\_ psi; Electric [ ] Diesel [ ]

## PIPE DATA

C-Factor: Aboveground = \_\_\_\_\_ Underground = \_\_\_\_\_  
 Type: Sched/40 [ ] Lt. Wall [ ] XL [ ] CPVC [ ] Copper [ ] Other [ ]  
 If Other, specify: \_\_\_\_\_

## RACK STORAGE

Commodity Class: \_\_\_\_\_ Max. Height \_\_\_\_\_ ft. Aisle Width \_\_\_\_\_ ft.  
 Figure No. (NFPA 13): \_\_\_\_\_ Curve: \_\_\_\_\_ Sprinkler/level to flow: \_\_\_\_\_  
 Rack Demand: \_\_\_\_\_ gpm @ \_\_\_\_\_ psi @ Reference pt. \_\_\_\_\_

**BACKFLOW PREVENTER** Mfg: \_\_\_\_\_ Model \_\_\_\_\_

*Note: Any item not applicable must be marked as 'N/A' in the space provided.*