

# 21 13 Fire-Suppression Sprinkler Systems

## 21 13 13 – Wet-Pipe Sprinkler Systems

21 13 13.50 Wet-Pipe Sprinkler System Components		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
0010 WET-PIPE SPRINKLER SYSTEM COMPONENTS							Labor	Equipment		
2600	Sprinkler heads, not including supply piping									
3700	Standard spray, pendent or upright, brass, 135°F to 286°F									
3730	1/2" NPT, 7/16" orifice	1 Spr	16	.500	Ea.	19.05	34.50		53.55	72
3740	1/2" NPT, K5.6	"	16	.500	"	16.45	34.50		50.95	69
3920	For 360°F, same cost									
3930	For 400°F	1 Spr	16	.500	Ea.	124	34.50		158.50	187
3940	For 500°F	"	16	.500	"	124	34.50		158.50	187
4500	Sidewall, horizontal, brass, 135°F to 286°F									
4520	1/2" NPT, 1/2" orifice	1 Spr	16	.500	Ea.	33.50	34.50		68	87.50
4540	For 360°F, same cost									
4800	Recessed pendent, brass, 135°F to 286°F									
4820	1/2" NPT, K2.8	1 Spr	10	.800	Ea.	57	55		112	145
4830	1/2" NPT, 7/16" orifice	"	10	.800	"	25.50	55		80.50	110
4840	1/2" NPT, K5.6	↓	10	.800	↓	19.15	55		74.15	103

## 21 13 16 – Dry-Pipe Sprinkler Systems

### 21 13 16.50 Dry-Pipe Sprinkler System Components

0010 DRY-PIPE SPRINKLER SYSTEM COMPONENTS										
0600	Accelerator	1 Spr	8	1	Ea.	1,075	68.50		1,143.50	1,275
2600	Sprinkler heads, not including supply piping									
2640	Dry, pendent, 1/2" orifice, 3/4" or 1" NPT									
2700	15-1/4" to 18" length	1 Spr	14	.571	Ea.	279	39		318	365
2710	18-1/4" to 21" length	"	13	.615	"	291	42		333	385
2720	21-1/4" to 24" length	"	13	.615	"	305	42		347	400
2730	24-1/4" to 27" length	"	13	.615	"	320	42		362	420

## 21 13 19 – Preaction Sprinkler Systems

### 21 13 19.50 Preaction Sprinkler System Components

0010 PREACTION SPRINKLER SYSTEM COMPONENTS										
3000	Preaction valve cabinet									
3100	Single interlock, pneum. release, panel, 1/2 HP comp. regul. air trim									
3110	1-1/2"	Q-12	3	5.333	Ea.	27,900	330		28,230	31,200
3120	2"	"	3	5.333	"	27,900	330		28,230	31,200
3130	2-1/2"	"	3	5.333	"	27,900	330		28,230	31,200
3140	3"	"	3	5.333	"	27,900	330		28,230	31,200
3150	4"	↓	2	8	"	29,000	495		29,495	32,600
3160	6"	Q-13	4	8	↓	30,400	520		30,920	34,300
3200	Double interlock, pneum. release, panel, 1/2 HP comp. regul. air trim									
3210	1-1/2"	Q-12	3	5.333	Ea.	28,700	330		29,030	32,100
3220	2"	"	3	5.333	"	28,700	330		29,030	32,100
3230	2-1/2"	"	3	5.333	"	28,700	330		29,030	32,100
3240	3"	"	3	5.333	"	28,800	330		29,130	32,200
3250	4"	↓	2	8	"	30,200	495		30,695	33,900
3260	6"	Q-13	4	8	"	31,400	520		31,920	35,400

## 21 13 26 – Deluge Fire-Suppression Sprinkler Systems

### 21 13 26.50 Deluge Fire-Suppression Sprinkler Sys. Comp.

0010 DELUGE FIRE-SUPPRESSION SPRINKLER SYSTEM COMPONENTS										
1400	Deluge system, monitoring panel w/deluge valve & trim	1 Spr	18	.444	Ea.	8,350	30.50		8,380.50	9,250
6200	Valves and components									
7000	Deluge, assembly, incl. trim, pressure									
7020	operated relief, emergency release, gauges									
7040	2" size	Q-12	2	8	Ea.	5,025	495		5,520	6,250