

Reliable is the King of Residential Sprinklers

**Model F1
Res49**



K=4.9

Data:

- Available in Pendent & Recessed Pendent
- Temp. = 155°F & 175°F
- Rec. Adjustment = 3/4" or 1/2"

For Under Beam installations when beams are 7'6" or more apart and other uses for 8" deflector below ceiling applications.

Room Size (ft.)	Flow (gpm)	Pressure (psi)
Deflector to Ceiling Max. 4 Inches		
12 x 12	13	7.0
14 x 14	13	7.0
16 x 16	13	7.0
18 x 18	17	12.0
20 x 20	20	16.7

Room Size (ft.)	Flow (gpm)	Pressure (psi)
Deflector to Ceiling Max. 4 - 8 Inches		
12 x 12	15	9.4
14 x 14	16	10.6
16 x 16	17	12.0
18 x 18	19	15.0
20 x 20	21	20.2

**Model F1
Res49
CCP**



K=4.9

Data:

- Conical Concealed
- Spklr. Temp. = 155°F
- Cover Temp. = 135°F
- Adjustment = 1/2" or 5/16"

Room Size (ft.)	Flow (gpm)	Pressure (psi)
12 x 12	13	7.0
14 x 14	13	7.0
16 x 16	14	8.2
18 x 18	18	13.5
20 x 20	20	16.7

**Model
RFC43**

Coming Soon!



K=4.3

Data:

- Flat Concealed
- Spklr. Temp. = 165°F
- Cover Temp. = 135°F
- Adjustment = 1/2"

Room Size (ft.)	Flow (gpm)	Pressure (psi)
12 x 12	12	7.8
14 x 14	13	9.1
16 x 16	13	9.1
18 x 18	18	17.5
20 x 20	21	23.9

**Model F1
Res44
HSW**

Coming Soon!



K=4.4

Data:

- Recessed Horizontal Sidewall
- Temp. = 155°F & 175°F
- Rec. Adjustment = 1/2"

Room Size (ft.)	Temp. Rating (°F)	Flow (gpm)	Pressure (psi)	
Deflector to Ceiling 4 - 6 Inches				
12 x 12	155	175	12	7.5
14 x 14	155	175	14	10.2
16 x 16	155	175	16	13.3
16 x 18	155	175	18	16.8
18 x 18	155	175	19	18.7
16 x 20	155	175	23	27.4
Deflector to Ceiling 6 - 12 Inches				
12 x 12	155	175	14	10.2
14 x 14	155	175	16	13.3
16 x 16	155	175	17	15.0
16 x 18	155	175	20	20.7
16 x 20	155	175	23	27.4

(Turn over for Sloped Ceiling Information)

For Sloped Ceiling Applications up to 8/12 (33.7°) Pitch:

**Model F1
Res49**



K=4.9

Data:

- Available in Pendent & Recessed Pendent
- Temp. = 155°F
- Rec. Adjustment = 1/2"

Room Size (ft.)	Flow (gpm)	Pressure (psi)
12 x 12	19	15.1
14 x 14	19	15.1
16 x 16	19	15.1
18 x 18	20	16.7
20 x 20	20	16.7

**Model F1
Res49
CCP**



K=4.9

Data:

- Conical Concealed
- Spklr. Temp. = 155°F
- Cover Temp. = 135°F
- Adjustment = 1/2" or 5/16"

Room Size (ft.)	Flow (gpm)	Pressure (psi)
12 x 12	20	16.7
14 x 14	20	16.7
16 x 16	20	16.7

**Model
RFC43**



K=4.3

Data:

- Flat Concealed
- Spklr. Temp. = 165°F
- Cover Temp. = 135°F
- Adjustment = 1/2"

Room Size (ft.)	Flow (gpm)	Pressure (psi)
12 x 12	18	17.5
14 x 14	18	17.5
16 x 16	18	17.5

**Model F1
Res40
HSW**



K=4.0

Data:

- Horizontal Sidewall
- Temp. = 155°F
- With flat or raised escutcheons

Room Size (ft.)	Flow (gpm)	Pressure (psi)
Across the slope		
Deflector to Ceiling 4 - 6 Inches		
12 x 12*	17	18.1
14 x 14*	17	18.1
16 x 16	17	18.1

* 3 Sprinkler calculations required if more than 2 in a compartment.

Data:

- Horizontal Sidewall
- Temp. = 155°F & 175°F
- Rec. Adjustment = 1/2"

Room Size (ft.)	Temp. Rating (°F)	Flow (gpm)	Pressure (psi)	
Shooting down the slope				
Deflector to Ceiling 4 - 6 Inches				
12 x 12	155	175	13	10.6
14 x 14	155	175	16	16.0
16 x 16	155	175	17	18.1
16 x 18	155		20	25.0
16 x 18		175	21	27.6
16 x 20	155	175	23	33.1
Deflector to Ceiling 6 - 12 Inches				
12 x 12	155	175	13	10.6
14 x 14	155	175	17	18.1
16 x 16	155	175	20	25.0