



VKKW.EX3836 Residential Automatic Sprinklers

Page Bottom

Residential Automatic Sprinklers

[See General Information for Residential Automatic Sprinklers](#)

VIKING CORP

EX3836

210 N INDUSTRIAL PARK RD
HASTINGS, MI 49058 USA

Models VK437, VK439, VK457, VK470, VK474, VK476, VK480, VK4570, VK4740, VK4760, VK4800 Fusible Link Type, Decorative Sprinklers identified by unpainted or plated area on the fusible link.

Models VK430, VK432, VK434, VK435, VK436, VK438, VK450, VK458, VK460, VK466, VK468, VK472, VK484, VK486, VK4860, VK4300, VK4350, VK4500, VK4580, VK4600, VK4660, VK4680, VK4720, VK4840, VK4700 Glass Bulb Type. Decorative Sprinkler identified by unplated pip cap or compression screw.

Pendent, concealed and horizontal sidewall sprinklers for wet systems only with a maximum pressure of 175 psig.

SIN/Type	Max Coverage Area		Min Flow Rate GPM/ Sprinkler	Min Pressure (psig)	K-Factor	Temp Rating, °F
	Ft					
	Width	Length				
VK432	12	12	16	8.5	5.5	155, 175
Pendent/						
Recessed						
Pendent						
VK432	16	16	19	12.0	5.5	155, 175
Pendent/						
Recessed						
Pendent						
VK432	18	18	21	14.6	5.5	155, 175
Pendent/						
Recessed						
Pendent						
VK432	20	20	24	19.0	5.5	155, 175
Pendent/						
Recessed						
Pendent						
VK434	12	12	11	13.4	3.0	155
Pendent/						
Recessed						
Pendent						

VK434	16	16	13	18.8	3.0	155
Pendent/						
Recessed						
Pendent						
VK430	12	12	12	7.8	4.3	155, 175
Pendent/						
Recessed						
Pendent						
VK430	16	16	13	9.1	4.3	155, 175
Pendent/						
Recessed						
Pendent						
VK430	18	18	17	21.1	4.3	155, 175
Pendent/						
Recessed						
Pendent						
VK430	20	20	21	23.8	4.3	155, 175
Pendent/						
Recessed						
Pendent						
VK4300	12	12	12	7.8	4.3	155, 175
Pendent/						
Recessed						
Pendent						
VK4300	16	16	13	9.1	4.3	155, 175
Pendent/						
Recessed						
Pendent						
VK4300	18	18	17	21.1	4.3	155, 175
Pendent/						
Recessed						
Pendent						
VK4300	20	20	21	23.8	4.3	155, 175
Pendent/						
Recessed						
Pendent						
VK436a	16	16	14	7.2	5.2	155, 175
Pendent,						
Recessed Pendent						
VK436a	18	18	17	10.7	5.2	155, 175
Pendent,						

Recessed Pendant						
VK436a	20	20	20	14.8	5.2	155, 175
Pendent,						
Recessed Pendant						
VK436#	14	14	14	7.2	5.2	155
Concealed Pendant						
VK436#	16	16	15	8.3	5.2	155
Concealed Pendant						
VK436#	18	18	17	10.7	5.2	155
Concealed Pendant						
VK436#	20	20	20	14.8	5.2	155
Concealed Pendant						
VK437a	16	16	14	7.2	5.2	165
Pendent,						
Recessed Pendant						
VK437a	18	18	17	10.7	5.2	165
Pendent,						
Recessed Pendant						
VK437a	20	20	20	14.8	5.2	165
Pendent,						
Recessed Pendant						
VK437	14	14	14	7.2	5.2	165
Concealed						
Pendent#						
VK437	16	16	15	8.3	5.2	165
Concealed						
Pendent#						
VK437a	18	18	17	10.7	5.2	165
Concealed						
Pendent						
VK437#	20	20	20	14.8	5.2	165
Concealed						
Pendent						
VK438	16	16	13	7.0	4.9	155,175
Pendent,						
Recessed Pendant						
VK438	18	18	17	12.0	4.9	155,175
Pendent,						
Recessed Pendant						
VK438#	14	14	13	7.0	4.9	155
Concealed						

Pendent						
VK438#	16	16	14	8.2	4.9	155
Concealed						
Pendent						
VK438#	18	18	17	12.0	4.9	155
Concealed						
Pendent						
VK439	16	16	13	7.0	4.9	165
Pendent,						
Recessed Pendent						
VK439	18	18	17	12.0	4.9	165
Pendent,						
Recessed Pendent						
VK439#	14	14	13	7.0	4.9	165
Concealed						
Pendent						
VK439#	16	16	14	8.2	4.9	165
Concealed						
Pendent						
VK439#	18	18	17	12.0	4.9	165
Concealed						
Pendent						
VK450+	12	12	12	8.2	4.2	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK450+	14	14	14	11.1	4.2	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK450+	16	18	18	18.4	4.2	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK450+	16	20	22	27.4	4.2	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK450+	16	22	26	38.3	4.2	155
Horizontal Sidewall/ Flush Horizontal						

Sidewall						
VK450++	16	18	20	22.7	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK450++	16	20	25	35.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4500+	12	12	12	8.2	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4500+	14	14	14	11.1	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4500+	16	18	18	18.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4500+	16	20	22	27.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4500+	16	22	26	38.3	4.2	155
Horizontal Sidewall/						
Flush Horizontal						
Sidewall						
VK4500++	16	18	20	22.7	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4500++	16	20	25	35.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK460*	12	12	16	7.6	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460+	14	14	16	7.6	5.8	155,175

Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460++	14	14	18	9.7	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460+	16	16	20	11.9	5.8	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460+	16	16	21	13.1	5.8	175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460++	16	16	24	18.4	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460+	16	18	22	14.4	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460++	16	18	27	21.7	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460+	16	20	26	20.1	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460++	16	20	32	30.4	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460+	16	22	31	28.6	5.8	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460++	16	22	37	40.7	5.8	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460+	18	18	23	15.7	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460++	18	18	29	25.0	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460+	18	20	29	25.0	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						

VK460++	18	20	35	36.4	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460+	20	20	30	26.8	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460++	20	20	36	38.5	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460+	16	24	38	42.9	5.8	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460++	16	24	42	52.4	5.8	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK460+	14	26	42	52.4	5.8	155
Horizontal Sidewall/						
VK460++	14	26	46	62.9	5.8	155
Horizontal Sidewall/						
VK4600*	12	12	16	7.6	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600+	14	14	16	7.6	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600++	14	14	18	9.7	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600+	16	16	20	11.9	5.8	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600+	16	16	21	13.1	5.8	175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600++	16	16	24	18.4	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600+	16	18	22	14.4	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600++	16	18	27	21.7	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						

Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600+	16	20	26	20.1	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600++	16	20	32	30.4	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600+	16	22	31	28.6	5.8	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600++	16	22	37	40.7	5.8	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600+	18	18	23	15.7	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600++	18	18	29	25.0	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600+	18	20	29	25.0	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600++	18	20	35	36.4	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600+	20	20	30	26.8	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600++	20	20	36	38.5	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600+	16	24	38	42.9	5.8	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600++	16	24	42	52.4	5.8	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4600+	14	26	42	52.4	5.8	155
Horizontal Sidewall/						
VK4600++	14	26	46	62.9	5.8	155

Horizontal Sidewall/						
VK435	12	12	9	8.4	3.1	155,175
Pendent, Recessed Pendent						
VK435	14	14	10	10.4	3.1	155,175
Pendent, Recessed Pendent						
VK4350	12	12	9	8.4	3.1	155,175
Pendent, Recessed Pendent						
VK4350	14	14	10	10.4	3.1	155,175
Pendent, Recessed Pendent						
VK457b	16	16	13	7.0	4.9	165
Concealed Pendent						
VK457b	18	18	17	12.0	4.9	165
Concealed Pendent						
VK457b	20	20	20	16.7	4.9	165
Concealed Pendent						
VK4570b	16	16	13	7.0	4.9	165
Concealed Pendent						
VK4570b	18	18	17	12.0	4.9	165
Concealed Pendent						
VK4570b	20	20	20	16.7	4.9	165
Concealed Pendent						
VK458	16	16	20	7.3	7.4	155,175
Pendent, Recessed Pendent						
VK458	18	18	22	8.8	7.4	155,175
Pendent, Recessed Pendent						
VK458	20	20	24	10.5	7.4	155,175
Pendent, Recessed Pendent						
VK458#	16	16	20	7.3	7.4	155
Concealed Pendent						
VK458#	18	18	23	9.7	7.4	155
Concealed Pendent						
VK458#	20	20	28	14.3	7.4	155
Concealed Pendent						
VK4580	16	16	20	7.3	7.4	155,175
Pendent, Recessed Pendent						
VK4580	18	18	22	8.8	7.4	155,175
Pendent, Recessed Pendent						
VK4580	20	20	24	10.5	7.4	155,175
Pendent, Recessed Pendent						
VK4580#	16	16	20	7.3	7.4	155
Concealed Pendent						

VK4580#	18	18	23	9.7	7.4	155
Concealed Pendent						
VK4580#	20	20	28	14.3	7.4	155
Concealed Pendent						
VK466	16	16	14	7.2	5.2	155,175
Pendent, Recessed Pendent						
VK466	18	18	17	10.7	5.2	155,175
Pendent, Recessed Pendent						
VK466	20	20	20	14.8	5.2	155,175
Pendent, Recessed Pendent						
VK466a	16	16	14	7.2	5.2	155
Pendent, Recessed Pendent						
VK466a	18	18	17	10.7	5.2	155
Pendent, Recessed Pendent						
VK466a	20	20	21	16.3	5.2	155
Pendent, Recessed Pendent						
VK466#	16	16	14	7.2	5.2	155,175
Concealed Pendent						
VK466#	18	18	17	10.7	5.2	155,175
Concealed Pendent						
VK466#	20	20	20	14.8	5.2	155,175
Concealed Pendent						
VK4660	16	16	14	7.2	5.2	155,175
Pendent, Recessed Pendent						
VK4660	18	18	17	10.7	5.2	155,175
Pendent, Recessed Pendent						
VK4660	20	20	20	14.8	5.2	155,175
Pendent, Recessed Pendent						
VK4660a	16	16	14	7.2	5.2	155
Pendent, Recessed Pendent						
VK4660a	18	18	17	10.7	5.2	155
Pendent, Recessed Pendent						
VK4660a	20	20	21	16.3	5.2	155
Pendent, Recessed Pendent						
VK4660#	16	16	14	7.2	5.2	155,175
Concealed Pendent						
VK4660#	18	18	17	10.7	5.2	155,175
Concealed Pendent						
VK4660#	20	20	20	14.8	5.2	155,175
Concealed Pendent						
VK468	16	16	13	7.0	4.9	155,175

Pendent, Recessed Pendent						
VK468	18	18	17	12.0	4.9	155,175
Pendent, Recessed Pendent						
VK468	20	20	20	16.7	4.9	155,175
Pendent, Recessed Pendent						
VK468a	16	16	13	7.0	4.9	155
Pendent, Recessed Pendent						
VK468a	18	18	17	12.0	4.9	155
Pendent, Recessed Pendent						
VK468a	20	20	20	16.7	4.9	155
Pendent, Recessed Pendent						
VK468#	16	16	13	7.0	4.9	155,175
Concealed Pendent						
VK468#	18	18	17	12.0	4.9	155,175
Concealed Pendent						
VK468#	20	20	20	16.7	4.9	155,175
Concealed Pendent						
VK470	12	12	8	7.1	3.0	155,175
Pendent, Recessed Pendent						
VK470	14	14	10	11.1	3.0	155,175
Pendent, Recessed Pendent						
VK470	16	16	13	18.8	3.0	155,175
Pendent, Recessed Pendent						
VK4700	12	12	8	7.1	3.0	155,175
Pendent, Recessed Pendent						
VK4700	14	14	10	11.1	3.0	155,175
Pendent, Recessed Pendent						
VK4700	16	16	13	18.8	3.0	155,175
Pendent, Recessed Pendent						
VK4680	16	16	13	7.0	4.9	155,175
Pendent, Recessed Pendent						
VK4680	18	18	17	12.0	4.9	155,175
Pendent, Recessed Pendent						
VK4680	20	20	20	16.7	4.9	155,175
Pendent, Recessed Pendent						
VK4680a	16	16	13	7.0	4.9	155
Pendent, Recessed Pendent						
VK4680a	18	18	17	12.0	4.9	155
Pendent, Recessed Pendent						
VK4680a	20	20	20	16.7	4.9	155
Pendent, Recessed Pendent						

VK4680#	16	16	13	7.0	4.9	155,175
Concealed Pendent						
VK4680#	18	18	17	12.0	4.9	155,175
Concealed Pendent						
VK4680#	20	20	20	16.7	4.9	155,175
Concealed Pendent						
VK472	16	16	16	7.6	5.8	155
Pendent, Recessed Pendent						
VK472	18	18	17	8.6	5.8	155,175
Pendent, Recessed Pendent						
VK472	20	20	21	1301	5.8	155
Pendent, Recessed Pendent						
VK4720	16	16	16	7.6	5.8	155
Pendent, Recessed Pendent						
VK4720	18	18	17	8.6	5.8	155,175
Pendent, Recessed Pendent						
VK4720	20	20	21	1301	5.8	155
Pendent, Recessed Pendent						
VK474#	16	16	16	7.6	5.8	165
Concealed Pendent						
VK474#	18	18	19	10.7	5.8	165
Concealed Pendent						
VK474#	20	20	23	15.7	5.8	165
Concealed Pendent						
VK4740#	16	16	16	7.6	5.8	165
Concealed Pendent						
VK4740#	18	18	19	10.7	5.8	165
Concealed Pendent						
VK4740#	20	20	23	15.7	5.8	165
Concealed Pendent						
VK476a	16	16	13	7.0	4.9	165
Flush Pendent						
VK476a	18	18	17	12.0	4.9	165
Flush Pendent						
VK476a	20	20	21	18.4	4.9	165
Flush Pendent						
VK4760a	16	16	13	7.0	4.9	165
Flush Pendent						
VK4760a	18	18	17	12.0	4.9	165
Flush Pendent						
VK4760a	20	20	21	18.4	4.9	165

Flush Pendent						
VK480#+	12	12	11	7.6	4.0	165
Concealed Horizontal Sidewall						
VK480#+ +	12	12	12	9.0	4.0	165
Concealed Horizontal Sidewall						
VK480#+	14	14	13	10.6	4.0	165
Concealed Horizontal Sidewall						
VK480#+ +	14	14	14	12.3	4.0	165
Concealed Horizontal Sidewall						
VK480#*	16	16	16	16.0	4.0	165
Concealed Horizontal Sidewall						
VK480#+	16	18	17	18.1	4.0	165
Concealed Horizontal Sidewall						
VK480#+ +	16	18	18	20.3	4.0	165
Concealed Horizontal Sidewall						
VK4800#+	12	12	11	7.6	4.0	165
Concealed Horizontal Sidewall						
VK4800#+ +	12	12	12	9.0	4.0	165
Concealed Horizontal Sidewall						
VK4800#+	14	14	13	10.6	4.0	165
Concealed Horizontal Sidewall						
VK4800#+ +	14	14	14	12.3	4.0	165
Concealed Horizontal Sidewall						
VK4800#*	16	16	16	16.0	4.0	165
Concealed Horizontal Sidewall						
VK4800#+	16	18	17	18.1	4.0	165
Concealed Horizontal Sidewall						
VK4800#+ +	16	18	18	20.3	4.0	165
Concealed Horizontal Sidewall						
VK484++	12	12	13	9.6	4.2	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK484+++	12	12	14	11.1	4.2	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK484++	14	14	14	11.1	4.2	155
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK484++	14	14	15	12.8	4.2	175
Horizontal Sidewall/ Recessed Horizontal Sidewall						

VK484+++	14	14	16	14.5	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK484++	16	16	16	14.5	4.2	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK484++	16	16	17	16.4	4.2	175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK484+++	16	16	18	18.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK484++	16	18	19	20.5	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK484+++	16	18	20	22.7	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK484++	16	20	22	27.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK484+++	16	20	25	35.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4840++	12	12	13	9.6	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4840+++	12	12	14	11.1	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4840++	14	14	14	11.1	4.2	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4840++	14	14	15	12.8	4.2	175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4840+++	14	14	16	14.5	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4840++	16	16	16	14.5	4.2	155
Horizontal Sidewall/						

Recessed Horizontal Sidewall						
VK4840++	16	16	17	16.4	4.2	175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4840+++	16	16	18	18.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4840++	16	18	19	20.5	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4840+++	16	18	20	22.7	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4840++	16	20	22	27.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4840+++	16	20	25	35.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486+	12	12	11	7.6	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486++	12	12	12	9.0	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486+	14	14	12	9.0	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486++	14	14	12	9.0	4.0	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486++	14	14	13	10.6	4.0	175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486+	16	16	13	10.6	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486++	16	16	14	12.3	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486*	16	18	16	16.0	4.0	155,175

Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486+	16	20	22	30.3	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486++	16	20	23	33.1	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486+	16	22	24	36.0	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486++	16	22	26	42.3	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486*	18	18	18	20.3	4.0	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486*	18	18	19	22.6	4.0	175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486+	18	20	22	30.3	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486++	18	20	23	33.1	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486+	20	20	22	30.3	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK486++	20	20	24	36.0	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860+	12	12	11	7.6	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860++	12	12	12	9.0	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860+	14	14	12	9.0	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						

VK4860++	14	14	12	9.0	4.0	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860++	14	14	13	10.6	4.0	175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860+	16	16	13	10.6	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860++	16	16	14	12.3	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860*	16	18	16	16.0	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860+	16	20	22	30.3	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860++	16	20	23	33.1	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860+	16	22	24	36.0	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860++	16	22	26	42.3	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860*	18	18	18	20.3	4.0	155
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860*	18	18	19	22.6	4.0	175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860+	18	20	22	30.3	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860++	18	20	23	33.1	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						
VK4860+	20	20	22	30.3	4.0	155,175
Horizontal Sidewall/						

Recessed Horizontal Sidewall						
VK4860++	20	20	24	36.0	4.0	155,175
Horizontal Sidewall/						
Recessed Horizontal Sidewall						

- Utilizes a 135 F cover plate.

* - For Installation 4 to 12 in. below the ceiling.

+ - For installation 4 to 6 in. below the ceiling.

++ - For installation 6 to 12 in. below the ceiling.

a - May be installed in beamed ceilings with beams up to and including 14 inches when installed in accordance with the manufacturers installation and design parameter instructions.

b- Utilizes a 135 F Round or Square cover plate.

RESIDENTIAL SPRINKLERS FOR USE IN SLOPED CEILINGS.

For use at slopes from 2/12 to 8/12 (in./in.)

SIN/Type	Max Coverage Area		Min Flow Rate GPM/ Sprinkler	Min Pressure (psig)	K-Factor	Temp Rating, °F
	Ft					
	Width	Length				
VK430	20	20	38	78.1	4.3	155,175
Pendent, Recessed Pendent						
VK4300	20	20	38	78.1	4.3	155,175
Pendent, Recessed Pendent						
VK432	16	16	21	14.6	5.6	155
Pendent, Recessed Pendent						
VK432	18	18	22	16.0	5.6	155
Pendent, Recessed Pendent						
VK432	20	20	28	25.9	5.6	155
Pendent, Recessed Pendent						
VK436	16	16	14	7.2	5.2	155, 175
Pendent, Recessed Pendent						
VK436	18	18	18	12.0	5.2	155
Pendent, Recessed Pendent						
VK436	18	18	21	16.3	5.2	175
Pendent, Recessed Pendent						
VK436	20	20	20	14.8	5.2	155
Pendent, Recessed Pendent						
VK436	20	20	21	16.3	5.2	175
Pendent, Recessed Pendent						
VK436#	16	16	15	8.3	5.2	155#

Concealed Pendent						
VK436#	18	18	23	19.6	5.2	135#
Concealed Pendent						
VK436#	20	20	28	29.0	5.2	135#
Concealed Pendent						
VK437	16	16	14	7.2	5.2	165
Pendent, Recessed Pendent						
VK437	18	18	18	12.0	5.2	165
Pendent, Recessed Pendent						
VK437	18	18	21	16.3	5.2	175
Pendent, Recessed Pendent						
VK437	20	20	20	14.8	5.2	165
Pendent, Recessed Pendent						
VK437	20	20	21	16.3	5.2	175
Pendent, Recessed Pendent						175
VK437#	16	16	15	8.3	5.2	165
Concealed Pendent						
VK437#	18	18	23	19.6	5.2	165
Concealed Pendent						
VK437#	20	20	28	29.0	5.2	165
Concealed Pendent						
VK438	16	16	13	7.0	4.9	155
Pendent, Recessed Pendent						
VK438	16	16	14	8.2	4.9	175
Pendent, Recessed Pendent						
VK438	18	18	17	12.0	4.9	155, 175
Pendent, Recessed Pendent						
VK439#	16	16	14	8.2	4.9	165
Concealed Pendent						
VK439#	18	18	17	12.0	4.9	165
Concealed Pendent						
VK450a	12	12	12	8.2	4.2	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK450a	14	14	14	11.1	4.2	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK450a	16	18	18	18.4	4.2	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						

Recessed Horizontal						
Sidewall						
VK450a	16	20	22	27.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK450c	16	18	20	22.7	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK450c	16	20	25	35.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK450b	16	16	18	18.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4500a	12	12	12	8.2	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4500a	14	14	14	11.1	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4500a	16	18	18	18.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4500a	16	20	22	27.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4500c	16	18	20	22.7	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4500c	16	20	25	35.4	4.2	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						

Sidewall						
VK4500b	16	16	18	18.4	4.2	155,175
Horizontal Sidewall/ Recessed Horizontal						
Sidewall						
VK453a	16	16	16	16.0	4.0	155,175
Horizontal Sidewall/ Recessed Horizontal						
Sidewall						
VK453a	16	18	17	18.1	4.0	155,175
Horizontal Sidewall/ Recessed Horizontal						
Sidewall						
VK453a	16	20	23	33.1	4.0	155,175
Horizontal Sidewall/ Recessed Horizontal						
Sidewall						
VK457#	16	16	26	28.2	4.9	165
Concealed Pendant						
VK457#	20	20	31	40.0	4.9	165
Concealed Pendant						
VK4570#	16	16	26	28.2	4.9	165
Concealed Pendant						
VK4570#	20	20	31	40.0	4.9	165
Concealed Pendant						
VK458	16	16	20	7.3	7.4	155
Pendent, Recessed Pendent						
VK458	16	16	24	10.5	7.4	175
Pendent, Recessed Pendent						
VK458	18	18	23	9.7	7.4	155
Pendent, Recessed Pendent						
VK458	18	18	25	11.4	7.4	175
Pendent, Recessed Pendent						
VK458	20	20	24	10.5	7.4	155
Pendent, Recessed Pendent						
VK458	20	20	25	11.4	7.4	175
Pendent, Recessed Pendent						
VK458#	16	16	22	8.8	7.4	155
Concealed Pendant						
VK458#	18	18	28	14.3	7.4	155
Concealed Pendant						

VK458#	20	20	28	14.3	7.4	155
Concealed Pendent						
VK4580	16	16	20	7.3	7.4	155
Pendent, Recessed Pendent						
VK4580	16	16	24	10.5	7.4	175
Pendent, Recessed Pendent						
VK4580	18	18	23	9.7	7.4	155
Pendent, Recessed Pendent						
VK4580	18	18	25	11.4	7.4	175
Pendent, Recessed Pendent						
VK4580	20	20	24	10.5	7.4	155
Pendent, Recessed Pendent						
VK4580	20	20	25	11.4	7.4	175
Pendent, Recessed Pendent						
VK4580#	16	16	22	8.8	7.4	155
Concealed Pendent						
VK4580#	18	18	28	14.3	7.4	155
Concealed Pendent						
VK4580#	20	20	28	14.3	7.4	155
Concealed Pendent						
VK460a	16	16	21	13.1	5.8	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK460a	16	18	22	14.4	5.8	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK460a	16	20	26	20.1	5.8	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK460a	18	18	23	15.7	5.8	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK460a	18	20	29	25.0	5.8	155,175
Horizontal Sidewall/ Recessed Horizontal Sidewall						
VK460a	20	20	30	26.8	5.8	155,175

Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK460c	16	16	24	17.1	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK460c	16	18	27	21.7	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK460c	16	20	32	30.4	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK460c	18	18	29	25.0	5.88	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK460c	18	20	35	36.4	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK460c	20	20	36	38.5	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK460e	16	16	23	15.7	5.8	155
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4600a	16	16	21	13.1	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4600a	16	18	22	14.4	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4600a	16	20	26	20.1	5.8	155,175
Horizontal Sidewall/						

Recessed Horizontal						
Sidewall						
VK4600a	18	18	23	15.7	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4600a	18	20	29	25.0	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4600a	20	20	30	26.8	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4600c	16	16	24	17.1	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4600c	16	18	27	21.7	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4600c	16	20	32	30.4	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4600c	18	18	29	25.0	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4600c	18	20	35	36.4	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4600c	20	20	36	38.5	5.8	155,175
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4600e	16	16	23	15.7	5.8	155
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						

Sidewall						
VK466	20	20	20	14.8	5.2	155
Pendent, Recessed Pendent						
VK466	20	20	23	19.6	5.2	175
Pendent, Recessed Pendent						
VK466#	20	20	23	19.6	5.2	155,175
Concealed Pendent						
VK4660	20	20	20	14.8	5.2	155
Pendent, Recessed Pendent						
VK4660	20	20	23	19.6	5.2	175
Pendent, Recessed Pendent						
VK4660#	20	20	23	19.6	5.2	155,175
Concealed Pendent						
VK468	20	20	21	18.4	4.9	155
Pendent, Recessed Pendent						
VK468	20	20	23	22.0	4.9	175
Pendent, Recessed Pendent						
VK468#	20	20	26	28.2	4.9	155
Concealed Pendent						
VK468#	18	18	32	42.6	4.9	175
Concealed Pendent						
VK4680	20	20	21	18.4	4.9	155
Pendent, Recessed Pendent						
VK4680	20	20	23	22.0	4.9	175
Pendent, Recessed Pendent						
VK4680#	20	20	26	28.2	4.9	155
Concealed Pendent						
VK4680#	18	18	32	42.6	4.9	175
Concealed Pendent						

- Utilizes a 135 F cover plate.

a= Sprinklers installed at the peak with the spray directed down the slope. Installation 4 to 6 in. below the ceiling, in sloped ceilings with 2/12 to 8/12 (in./in.) pitch.

b= Sprinklers installed along the slope and requiring a 3 sprinkler design. Installed 4 to 6 in. below the ceiling, in sloped ceilings with 2/12 to 8/12 (in./in.) pitch.

c= Sprinklers installed at the peak with the spray directed down the slope. Installation 6 to 12 in. below the ceiling, in sloped ceilings with 2/12 to 8/12 (in./in.) pitch.

D = Sprinklers installed at the peak with the spray directed down the slope. Installation 4 to 12 in. below the ceiling, in sloped ceilings with 2/12 to 8/12 (in./in.) pitch.

E= Sprinklers installed along the slope with the spray directed across the slope. Installation 4 to 12 in. below the ceiling, in sloped ceilings with 2/12 to 8/12 (in./in.) pitch.

RESIDENTIAL SPRINKLERS FOR USE IN SLOPED CEILINGS.

For use at slopes from 2/12 to 4/12 (in./in.)

SIN/Type	Max Coverage Area Ft		Min Flow Rate GPM/Sprinkler	Min Pressure (psig)	K-Factor	TempRating, °F
	Width	Length				
VK436, Pendent Recessed Pendent	18	18	17	10.7	5.2	155, 175
VK436# Concealed Pendent	20	20	20	14.8	5.2	155#
VK438# Concealed Pendent	16	16	16	10.7	4.9	155#
VK476 Flush Pendent	20	20	24	24.0	4.9	165
VK4760 Flush Pendent	20	20	24	24.0	4.9	165
VK450d Horizontal Sidewall/ Recessed Horizontal Sidewall	16	18	18	18.4	4.2	155,175
VK450e Horizontal Sidewall/ Recessed Horizontal Sidewall	16	18	20	22.7	4.2	155,175
VK4500d Horizontal Sidewall/ Recessed Horizontal Sidewall	16	18	18	18.4	4.2	155,175
VK4500e Horizontal Sidewall/ Recessed Horizontal Sidewall	16	18	20	22.7	4.2	155,175
VK484f Horizontal Sidewall/ Recessed Horizontal Sidewall	16	16	18	18.4	4.2	155
VK484g Horizontal Sidewall/ Recessed Horizontal Sidewall	16	18	24	32.7	4.2	155
VK484h Horizontal Sidewall/ Sidewall	16	18	25	35.4	4.2	155

Recessed Horizontal						
Sidewall						
VK4840f	16	16	18	18.4	4.2	155
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4840g	16	18	24	32.7	4.2	155
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						
VK4840h	16	18	25	35.4	4.2	155
Horizontal Sidewall/						
Recessed Horizontal						
Sidewall						

- Utilizes a 135 F cover plate.

d = Sprinklers installed along the slope and requiring a 3 sprinkler design. Installed 4 to 6 in. below the ceiling, in sloped ceilings with 2/12 to 4/12 (in./in.) pitch.

e= Sprinklers installed along the slope and requiring a 3 sprinkler design. Installed 6 to 12 in. below the ceiling, in sloped ceilings with 2/12 to 4/12 (in./in.) pitch.

f= Sprinklers installed along the slope. Installed 4 to 12 in. below the ceiling, in sloped ceilings with 2/12 to 4/12 (in./in.) pitch.

g= Sprinklers installed along the slope. Installed 4 to 6 in. below the ceiling, in sloped ceilings with 2/12 to 4/12 (in./in.) pitch.

h= Sprinklers installed along the slope. Installed 6 to 12 in. below the ceiling, in sloped ceilings with 2/12 to 4/12 (in./in.) pitch.

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