

This certificate is issued for the following equipment:

Model	K	Type	Resp.	Element	NPT	Finishes	Temperature
					(in.)		Ratings, °F (°C)
VK001	2.8	Upright	SR	5 mm Job,	1/2	Brass, Chrome,	135, 155, 175, 200 (57,
				Norbulb		Wax	68, 79, 93)
VK003	2.8	Recessed	SR	5 mm Job,	1/2	Brass, Chrome	135, 155, 175, 200, 212
		Pendent		Norbulb			(57, 68, 79, 93, 100)
VK003	2.8	Pendent	SR	5 mm Job,	1/2	Brass, Chrome,	135, 155, 175, 200 (57,
				Norbulb		Wax	68, 79, 93)

Prepared for: The Viking Corporation, 210 N. Industrial Park Drive Hastings, MI 49058

Manufacturing Location: 210 N. Industrial Park Drive, Hastings, MI 49058

FM Approvals Class: 2002

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3044402 Approval Granted: September 12, 2012

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

For more than 160 years FM Approvals has partnered with business and industry to reduce property losses.

Richard B. Dunne

Group Manager - Fire Protection

FM Approvals

1151 Boston-Providence Turnpike

Norwood, MA 02062

USA





This certificate is issued for the following equipment:

Model	K	Туре	Resp.	Element	NPT (in.)	Finishes	Temperature Ratings, °F (°C)
VK100	5.6	Upright	SR	5 mm Job, Norbulb	1/2	Brass, Chrome, Wax, Polyester	135, 155, 175, 200, 212, 286, 360, 500 (57, 68, 79, 93, 100, 141, 182, 260)
VK100	5.6	Upright	SR	5 mm Job, Norbulb	1/2	Wax Over Polyester	155 (68)

Prepared for: The Viking Corporation, 210 N. Industrial Park Drive

Hastings, MI 49058

Manufacturing Location: 210 N. Industrial Park Drive, Hastings, MI 49058

and 11305 James Street, Holland, MI 49424

FM Approvals Class: 2016

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3044402 Approval Granted: September 12, 2012

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Group Manager – Fire Protection

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1151 Boston-Providence Turnpike

Norwood, MA 02062

USA





This certificate is issued for the following equipment:

Model	K	Type	Resp.	Element	NPT	Finishes	Temperature
					(in.)		Ratings, °F (°C)
VK102	5.6	Pendent	SR	5 mm Job, Norbulb	1/2	Brass, Chrome, Polyester, Wax	135, 155, 175, 200, 212, 286, 360, 500 (57, 68, 79, 93, 100, 141, 182, 260)
VK102	5.6	Rack Storage Pendent	SR	5 mm Job, Norbulb	1/2	Brass	135, 155, 175, 200, 286, 360 (57, 68, 79, 93, 141, 182)

Prepared for: The Viking Corporation, 210 N. Industrial Park Drive

Hastings, MI 49058

Manufacturing Location: 210 N. Industrial Park Drive, Hastings, MI 49058

and 11305 James Street, Holland, MI 49424

FM Approvals Class: 2017, 2005

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3044402 Approval Granted: September 12, 2012

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FM Approvals

1151 Boston-Providence Turnpike

Norwood, MA 02062





This certificate is issued for the following equipment:

Model	K	Туре	Resp.	Element	NPT (in.)	Finishes	Temperature Ratings, °F (°C)
VK102	5.6	Concealed	SR	5 mm Job,	1/2	Brass	155, 175, 200 (68, 79, 93)
		Pendent		Norbulb			
VK102	5.6	Recessed	SR	5 mm Job,	1/2	Brass, Chrome,	155, 175, 200 (68, 79, 93)
		Pendent		Norbulb		Polyester	

Prepared for: The Viking Corporation, 210 N. Industrial Park Drive

Hastings, MI 49058

Manufacturing Location: 210 N. Industrial Park Drive, Hastings, MI 49058

and 11305 James Street, Holland, MI 49424

FM Approvals Class: 2017, 2015

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3044402 Approval Granted: September 12, 2012

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1151 Boston-Providence Turnpike

Norwood, MA 02062

USA





This certificate is issued for the following equipment:

Model	K	Type	Resp.	Element	NPT (in.)	Finishes	Temperature Ratings, °F (°C)
VK104	5.6	Horizontal Sidewall	SR	5 mm Job, Norbulb	1/2	Brass, Chrome	135, 155, 175, 200, 286 (57, 68, 79, 93, 141)
VK104	5.6	Recessed Horizontal Sidewall	SR	5 mm Job, Norbulb	1/2	Brass, Chrome	135, 155, 175, 200 (57, 68, 79, 93)
VK106	5.6	Vertical Sidewall	SR	5 mm Job, Norbulb	1/2	Brass, Chrome	155, 175, 200, 286 (57, 68, 79, 93, 141)

Prepared for: The Viking Corporation, 210 N. Industrial Park Drive

Hastings, MI 49058

Manufacturing Location: 210 N. Industrial Park Drive, Hastings, MI 49058

FM Approvals Class: 2012, 2015

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3044402 Approval Granted: September 12, 2012

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This certificate is issued for the following equipment:

Model	K	Type	Resp.	Element	NPT	Finishes	Temperature
					(in.)		Ratings, °F (°C)
VK110	5.6	Rack	SR	Fusible	1/2	Brass	165, 220, 288 (74, 104,
		Storage					141)
		Pendent					
VK110	5.6	Pendent	SR	Fusible	1/2	Brass, Polyester	165, 220, 288 (74, 104,
							141)
VK145	5.6	Upright	SR	5 mm Job	1/2	Brass, Chrome,	135, 155, 175, 200, 212,
						Wax, Polyester	286, 360, 500 (57, 68, 79,
							93, 100, 141, 182, 260)

Prepared for: The Viking Corporation, 210 N. Industrial Park Drive

Hastings, MI 49058

Manufacturing Location: 210 N. Industrial Park Drive, Hastings, MI 49058

FM Approvals Class: 2005, 2016, 2017

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3044402 Approval Granted: September 12, 2012

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Norwood, MA 02062

USA





This certificate is issued for the following equipment:

Mo	odel	K	Туре	Resp.	Element	NPT (in.)	Finishes	Temperature Ratings, °F (°C)
VK.	300	5.6	Upright	QR	3 mm Job, Norbulb	1/2	Brass, Chrome, Polyester	135, 155, 175, 200, 286 (57, 68, 79, 93, 141)

Prepared for: The Viking Corporation, 210 N. Industrial Park Drive

Hastings, MI 49058

Manufacturing Location: 210 N. Industrial Park Drive, Hastings, MI 49058

and 11305 James Street, Holland, MI 49424

FM Approvals Class: 2016

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3044402 Approval Granted: September 12, 2012

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This certificate is issued for the following equipment:

Model	K	Type	Resp.	Element	NPT	Finishes	Temperature
					(in.)		Ratings, °F (°C)
VK301	5.6	Upright	QR	Fusible	1/2	Brass, Chrome,	165, 205, 280, (74, 96,
						Polyester	138)
VK303	5.6	Pendent	QR	Fusible	1/2	Brass, Chrome,	165, 205, 280, (74, 96,
						Polyester	138)

Prepared for: The Viking Corporation, 210 N. Industrial Park Drive Hastings, MI 49058

Manufacturing Location: 210 N. Industrial Park Drive, Hastings, MI 49058

FM Approvals Class: 2016, 2017

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3044402 Approval Granted: September 12, 2012

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Norwood, MA 02062

USA





This certificate is issued for the following equipment:

Model	K	Type	Resp.	Element	NPT	Finishes	Temperature
					(in.)		Ratings, °F (°C)
VK302	5.6	Concealed	SR	3 mm Job,	1/2	Brass	155, 175, 200 (68, 79, 93)
		Pendent		Norbulb			
VK302	5.6	Rack Storage	QR	3 mm Job,	1/2	Brass	135, 155, 175, 200, 286
		Pendent		Norbulb			(57, 68, 79, 93, 141)
VK302	5.6	Pendent	QR	3 mm Job,	1/2	Brass, Chrome,	135, 155, 175, 200, 286
				Norbulb		Polyester	(57, 68, 79, 93, 141)
VK302	5.6	Recessed	QR	3 mm Job,	1/2	Brass, Chrome,	135, 155, 175, 200 (57,
		Pendent		Norbulb		Polyester	68, 79, 93)

Prepared for: The Viking Corporation, 210 N. Industrial Park Drive

Hastings, MI 49058

Manufacturing Location: 210 N. Industrial Park Drive, Hastings, MI 49058

and 11305 James Street, Holland, MI 49424

FM Approvals Class: 2005, 2015, 2017

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3044402 Approval Granted: September 12, 2012

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Norwood, MA 02062

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This certificate is issued for the following equipment:

Model	K	Type	Resp.	Element	NPT (in.)	Finishes	Temperature Ratings, °F (°C)
VK305	5.6	Horizontal Sidewall	QR	3 mm Job, Norbulb	1/2	Brass	135, 155, 175, 200, 286 (57, 68, 79, 93, 141)
VK305	5.6	Recessed Horizontal Sidewall	QR	3 mm Job, Norbulb	1/2	Brass	135, 155, 175, 200 (57, 68, 79, 93)

Prepared for: The Viking Corporation, 210 N. Industrial Park Drive

Hastings, MI 49058

Manufacturing Location: 210 N. Industrial Park Drive, Hastings, MI 49058

FM Approvals Class: 2012, 2015

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3044402 Approval Granted: September 12, 2012

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Model	K	Type	Resp.	Element	NPT	Finishes	Temperature
					(in.)		Ratings, °F (°C)
VK306	5.6	Vertical	QR	3 mm Job,	1/2	Brass, Chrome	135, 155, 175, 200, 286
		Sidewall		Norbulb			(57, 68, 79, 93, 141)
VK308	5.6	Horizontal	QR	Fusible	1/2	Brass	165, 205, 280 (74, 96,
		Sidewall					138)
VK308	5.6	Recessed	QR	Fusible	1/2	Brass	165, 205 (74, 96)
		Horizontal					
		Sidewall					

Prepared for: The Viking Corporation, 210 N. Industrial Park Drive

Hastings, MI 49058

Manufacturing Location: 210 N. Industrial Park Drive, Hastings, MI 49058

FM Approvals Class: 2012, 2015

FM Approval Standard: Class Series 2000 (March 2006)

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This certificate is issued for the following equipment:

Model	K	Type	Resp.	Element	NPT (in.)	Finishes	Temperature Ratings, °F (°C)
VK325	2.8	Upright	QR	3 mm Job, Norbulb	1/2	Brass, Chrome	135, 155, 175, 200, 286 (57, 68, 79, 93, 141)
VK326	2.8	Upright	QR	Fusible	1/2	Brass, Chrome	165, 205, 280 (74, 96, 138)
VK329	2.8	Pendent	QR	3 mm Job, Norbulb	1/2	Brass, Chrome	135, 155, 175, 200, 286 (57, 68, 79, 93, 141)
VK330	2.8	Pendent	QR	Fusible	1/2	Brass, Chrome	165, 205, 280 (74, 96, 138)

Prepared for: The Viking Corporation, 210 N. Industrial Park Drive

Hastings, MI 49058

Manufacturing Location: 210 N. Industrial Park Drive, Hastings, MI 49058

FM Approvals Class: 2012, 2015

FM Approval Standard: Class Series 2000 (March 2006)

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This certificate is issued for the following equipment:

Model	K	Type	Resp.	Element	NPT (in.)	Finishes	Temperature Ratings, °F (°C)
VK345	5.6	Upright	QR	3 mm Job	1/2	Brass, Chrome, Polyester	135, 155, 175, 200, 286 (57, 68, 79, 93, 141)
VK550	5.6	Rack Storage Upright	SR	5 mm Job, Norbulb	1/2	Brass	135, 155, 175, 200, 286, 360 (57, 68, 79, 93, 141, 182)
VK556	5.6	Rack Storage Upright	QR	3 mm Job, Norbulb	1/2	Brass	135, 155, 175, 200, 286 (57, 68, 79, 93, 141)

Prepared for: The Viking Corporation, 210 N. Industrial Park Drive

Hastings, MI 49058

Manufacturing Location: 210 N. Industrial Park Drive, Hastings, MI 49058

FM Approvals Class: 2005, 2016

FM Approval Standard: Class Series 2000 (March 2006)

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