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PRODUCT DESCRIPTION	SECTION	PAGE(S)
Control Mode Specific Application Sprinklers		
High Challenge [®] Large Drop, Model A-2, Upright VK540 (K11.2)	Sprinklers	113 a-e
Standard Response Pendent VK592 (K19.6)	Sprinklers	114 l-s
Conventional (Old Style) Sprinklers		
In-Rack/Intermediate Level, Model B-1	Sprinklers	130 e-h
In-Rack/Intermediate Level, Model M	Sprinklers	131 a-e
Quick Response, Microfast [®] , Fusible Element VK311, VK316, VK326, VK328, VK341, VK351, and VK355	Sprinklers	51 h-k
Quick Response, Microfast [®] Model M	Sprinklers	51 a-e
Special Response, Micromatic [®]	Sprinklers	125 a-g
Standard Response, Micromatic [®] Model M	Sprinklers	11 q-v
Corrosion-Resistant Sprinklers		
Stainless Steel, Microfast [®] Quick Response VK338 and VK339	Sprinklers	46 a-e
Stainless Steel, Micromatic [®] Model N-2 VK130 and VK132	Sprinklers	15 a-e
Polyester, Teflon [®] , Wax, Wax over Polyester (Refer to various sprinkler technical data pages.)		
Distribution Patterns	Sprinklers	5
Dry Sprinklers		
Care, Installation, and Maintenance Requirements	Sprinklers	DRY1-3
Concealed (Domed), EC/QREC, Pendent, Light Hazard VK196	Sprinklers	108 j-n
Concealed (Domed), Pendent VK190 and VK192	Sprinklers	104 a-f
Concealed (Domed), Quick Response, Pendent VK194	Sprinklers	104 j-n
EC/QREC, Concealed (Domed) Pendent, Light Hazard VK108	Sprinklers	108 j-n
ESFR, Pendent VK501 (K14.0)	Sprinklers	122 a-g
Extended Coverage, Model M, Horizontal Sidewall VK188	Sprinklers	109 a-f
Extended Coverage, Model M, Pendent VK186	Sprinklers	108 a-f
Horizontal Sidewall, Model M VK152, VK156, and VK162	Sprinklers	102 a-h
Horizontal Sidewall Sprinkler Cover	Sprinklers	Bulletin
Insulating Boot Assembly	Sprinklers	132 a-d
Ordinary Hazard, Horizontal Sidewall VK250, VK252, and VK254	Sprinklers	102 j-g
Pendent, Model M VK150, VK151, VK154, VK155, VK158, and VK159	Sprinklers	101 a-g
Pendent, Large Orifice, Model M VK163, VK164, and VK166	Sprinklers	101 a-g
QREC, Model M, Pendent VK186	Sprinklers	108 a-f
QREC, Model M, Horizontal Sidewall VK188	Sprinklers	109 a-f
Quick Response, Large Orifice, Fusible Link Pendent VK282, VK286, and VK290	Sprinklers	105 p-v
Quick Response, Model M, Pendent, VK172, VK176, and VK180	Sprinklers	105 a-f
Quick Response, Model M, Horizontal Sidewall VK174, VK178, and VK182	Sprinklers	106 a-g
Quick Response, Model M, Upright VK184	Sprinklers	107 a-d
Quick Response, Ordinary Hazard, Fusible Link, Horizontal Sidewall VK284, VK288, and VK292	Sprinklers	107 h-n
Quick Response, Ordinary Hazard, Horizontal Sidewall VK275, VK277, and VK279	Sprinklers	106 l-s
Quick Response, Ordinary Hazard, Pendent VK173, VK177, and VK181	Sprinklers	105 h-n
Stainless Steel, Model M, Pendent VK130 and VK132	Sprinklers	101 u-x
Upright, Model M VK160	Sprinklers	101 j-m
Vertical Sidewall, Model M VK153, VK157, and VK161	Sprinklers	103 a-f
Early Suppression Fast Response (ESFR) Sprinklers		
Dry Pendent VK501 (K14.0)	Sprinklers	122 a-g
Model A-4, Upright VK520 (K14.0)	Sprinklers	121 a-e
Model S-1, Pendent VK500 (K14.0)	Sprinklers	120 a-f
Pendent VK503 (K16.8)	Sprinklers	123 a-f
Pendent VK510 (K25.2)	Sprinklers	124 a-f
Escutcheons		
Standard Surface-Mounted	Sprinklers	135 a-h
Micromatic [®] Model E-1 and Model E-2 Adjustable Recessed	Sprinklers	135 a-h
Microfast [®] Model F-1 Adjustable	Sprinklers	135 a-h
Model G-1 Adjustable Recessed	Sprinklers	135 a-h
Expansion Plates		
Extended Coverage Sprinklers		
Care, Installation, and Maintenance Requirements	Sprinklers	EC1-3
Concealed, Dry, Standard Response/Quick Response, Pendent (Domed), Light Hazard VK196	Sprinklers	108 j-n
Concealed, Extra-Large Orifice, Pendent (Domed), Light Hazard VK618 (K11.2)	Sprinklers	86 a-f
Concealed, QREC, Pendent VK632 and VK634	Sprinklers	92 a-f
Concealed, Standard Response/Quick Response, Pendent (Domed), Light Hazard VK614 and VK616	Sprinklers	88 a-f
Dry, Concealed, Standard Response/Quick Response, Pendent (Domed), Light Hazard VK196	Sprinklers	108 j-n
Dry, Model M, Pendent VK186	Sprinklers	108 a-f
Dry, Model M, Horizontal Sidewall VK188	Sprinklers	109 a-f
Extra-Large Orifice, Concealed, Pendent (Domed), Light Hazard VK618 (K11.2)	Sprinklers	86 a-f
Extra-Large Orifice, Fusible Element, Pendent, Light Hazard VK617 (K11.2)	Sprinklers	85 h-m
Extra-Large Orifice, Fusible Element, Ordinary Hazard Upright VK535 and Pendent VK537 (K11.2)	Sprinklers	83 o-t
Extra-Large Orifice, Model M, Pendent, Light Hazard VK608 (K11.2)	Sprinklers	85 a-f

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PRODUCT DESCRIPTION	SECTION	PAGE(S)
Extra-Large Orifice, Model M, Upright and Pendent, Ordinary Hazard VK532 and VK534 (K11.2)	Sprinklers	83 a-f
Horizontal Sidewall, Microfast® Model M VK606 (K8.0)	Sprinklers	82 a-f
Horizontal Sidewall, Microfast®, Fusible Element VK609	Sprinklers	91 h-m
Horizontal Sidewall, MicrofastHP®, Fusible Element, High Pressure VK613	Sprinklers	91 h-m
Horizontal Sidewall, Microfast® Model M-5 VK605	Sprinklers	91 a-f
Horizontal Sidewall, MicrofastHP® Model M-5, High Pressure VK612	Sprinklers	91 a-f
Pendent, Microfast® Fusible Element VK601 and VK603	Sprinklers	81 h-l
Pendent, Microfast® Model M VK600 and VK602	Sprinklers	81 a-f
Pendent, MicrofastHP® Fusible Element, High Pressure VK611	Sprinklers	90 v-z
Pendent, MicrofastHP® Model M-5, High Pressure VK610	Sprinklers	90 e-j
Pendent, Ordinary Hazard, VK572 (K14.0)	Sprinklers	83 h-m
Quick Response, Concealed, Horizontal Sidewall, VK630 (K8.0)	Sprinklers	87 h-m
Quick Response, Concealed, Pendent (Domed), Light Hazard VK614 and VK616	Sprinklers	88 a-f
Quick Response, Dry, Concealed, Pendent (Domed), Light Hazard VK196	Sprinklers	108 i-n
Quick Response, Dry, Model M, Pendent VK186	Sprinklers	108 a-f
Quick Response, Dry, Model M, Horizontal Sidewall VK188	Sprinklers	109 a-f
Quick Response, Extra-Large Orifice, Concealed (Domed), Pendent, Light Hazard VK618	Sprinklers	86 a-f
Quick Response, Extra-Large Orifice, Fusible Element, Pendent, Light Hazard VK617 (K11.2)	Sprinklers	85 h-m
Quick Response, Extra-Large Orifice, Model M, Pendent, Light Hazard VK608 (K11.2)	Sprinklers	85 a-f
Quick Response, Horizontal Sidewall, VK630 (K8.0)	Sprinklers	80 a-e
Quick Response, Horizontal Sidewall, Microfast®, Fusible Element VK609	Sprinklers	91 h-m
Quick Response, Horizontal Sidewall, MicrofastHP®, Fusible Element, High Pressure VK613	Sprinklers	91 h-m
Quick Response, Horizontal Sidewall, Microfast® Model M VK606 (K8.0)	Sprinklers	82 a-f
Quick Response, Horizontal Sidewall, Microfast® Model M-5 VK605	Sprinklers	91 a-f
Quick Response, Horizontal Sidewall, MicrofastHP® Model M-5, High Pressure VK612	Sprinklers	91 a-f
Quick Response, Horizontal Sidewall, Microfast®, Fusible Element VK609	Sprinklers	91 h-m
Quick Response, Horizontal Sidewall, MicrofastHP®, Fusible Element VK613	Sprinklers	91 h-m
Quick Response, Model HQR-2, Institutional Flush Pendent Style VK410	Sprinklers	126 a-h
Quick Response, Pendent, Microfast® Fusible Element VK601 and VK603	Sprinklers	81 h-l
Quick Response, Pendent, Microfast® Model M VK600 and VK602	Sprinklers	81 a-f
Quick Response, Pendent, MicrofastHP® Fusible Element, High Pressure VK611	Sprinklers	90 v-z
Quick Response, Pendent, MicrofastHP® Model M-5, High Pressure VK610	Sprinklers	90 e-j
Quick Response, Upright and Pendent, Ordinary Hazard, VK570 and VK572 (K14.0)	Sprinklers	83 h-m
Upright, Ordinary Hazard, VK570 (K14.0)	Sprinklers	83 h-m
Extra-Large Orifice Sprinklers		
EC/QREC, Fusible Element, Ordinary Hazard, Upright VK535 and Pendent VK537 (K11.2)	Sprinklers	83 o-t
Extended Coverage, Concealed, Pendent (Domed), Light Hazard VK618 (K11.2)	Sprinklers	86 a-f
Extended Coverage, Fusible Element, Pendent, Light Hazard VK617 (K11.2)	Sprinklers	85 h-m
Extended Coverage, Model M, Pendent, Light Hazard VK608 (K11.2)	Sprinklers	85 a-f
Extended Coverage, Model M, Upright and Pendent, Ordinary Hazard VK532 and VK534 (K11.2)	Sprinklers	83 a-f
High Challenge® Control Mode Specific Application, Large Drop, Model A-2, Upright VK540 (K11.2)	Sprinklers	113 a-e
Model M, Upright and Pendent VK530 and VK536 (Special Application) (K11.2)	Sprinklers	13 e-i
Quick Response, Fusible Element Upright VK533 (Special Application) (K11.2)	Sprinklers	70 w-z
Quick Response, Upright VK377 (Special Application) (K11.2)	Sprinklers	70 a-e
Quick Response, Model M, Upright VK531 (Special Application) (K11.2)	Sprinklers	70 h-k
Quick Response, Extended Coverage, Concealed, Pendent (Domed), Light Hazard VK618 (K11.2)	Sprinklers	86 a-f
Quick Response, Extended Coverage, Light Hazard, Fusible Element, Pendent VK617 (K11.2)	Sprinklers	85 h-m
Quick Response, Extended Coverage, Light Hazard, Model M, Pendent VK608 (K11.2)	Sprinklers	85 a-f
Flat Spray Pendent Sprinklers VK920 (K80) and VK922 (K115)	Sprinklers	127 a-e
Flexible Sprinkler Connections		
Flexible Sprinkler Connection	Sprinklers	139 a-d
Model VKFD28B Flexible Sprinkler Drop Assemblies (Braided)	Sprinklers	139 g-m
Model VKFD28B Pre-Assembled Flexible Sprinkler Drop Assemblies (Braided)	Sprinklers	140 q-n
Flush Sprinklers		
Horizon® Model H, Pendent VK400	Sprinklers	16 a-d
Quick Response, Horizon® Model H, Pendent VK402 and VK413	Sprinklers	53 a-d
EC/QREC, Institutional Style, Model HQR-2, Pendent VK410	Sprinklers	126 a-h
Quick Response, Institutional Style, Model HQR-2, Horizontal Sidewall VK412	Sprinklers	126 k-g
Residential, Horizon® Model H-3, Pendent VK420 (K3.8)	Sprinklers	145 a-b
Fusible Link Sprinklers		
COIN™ Quick Response, Upright VK901 (Specific Application) (K4.2)	Sprinklers	112 r-z
Dry, Quick Response, Large Orifice, Pendent VK282, VK286 and VK290	Sprinklers	105 p-v
Dry, Quick Response, Ordinary Hazard, Horizontal Sidewall VK284, VK288, and VK292	Sprinklers	107 h-n
EC/QREC Horizontal Sidewall VK609 and VK613 (K5.6)	Sprinklers	91 h-m
EC/QREC Pendent VK601 (K5.6) and VK603 (K8.0)	Sprinklers	81 h-m
EC/QREC Pendent VK607 and VK611 (K5.6)	Sprinklers	90 v-z
EC/QREC Pendent VK617 (K11.2)	Sprinklers	85 h-m

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PRODUCT DESCRIPTION	SECTION	PAGE(S)
EC/QREC, Ordinary Hazard, ELO Upright VK535 and Pendent VK537 (K11.2)	Sprinklers	83 o-t
Model M, Upright and Pendent	Sprinklers	18 a-f
Model M, Horizontal Sidewall and Vertical Sidewall	Sprinklers	19 a-e
Quick Response, Concealed Pendent VK353	Sprinklers	42 o-s
Quick Response, Horizontal Sidewall VK307 and VK308 (Small Frame)	Sprinklers	52 o-t
Quick Response, Horizontal Sidewall VK307, VK334, and HP VK346	Sprinklers	52 u-z
Quick Response, Horizontal Sidewall VK308 and VK320	Sprinklers	43 h-m
Quick Response, Pendent VK318, VK330, VK332, VK343, and VK353	Sprinklers	40 a-f
Quick Response, Upright and Conventional	Sprinklers	51 h-k
Quick Response, Upright and Pendent VK326 and VK330 (Small Frame) (K2.8)	Sprinklers	42 h-m
Quick Response, Upright VK533 (K11.2)	Sprinklers	70 w-z
Quick Response, Upright and Pendent VK301 and VK303 (K5.6)	Sprinklers	47 a-f
Quick Response, Vertical Sidewall VK309 (K5.6)	Sprinklers	50 a-d
Residential Freedom [®] , Pendent, VK456 (K4.9)	Sprinklers	147 e-j
Residential Freedom [®] , Pendent, VK457 (K4.9)	Sprinklers	147 u-z
Standard Response, Horizontal Sidewall (Small Frame)	Sprinklers	19 u-z
Standard Response, Upright and Pendent (Small Frame)	Sprinklers	18 u-z
Guards		
Model A-1, Model B-1, and Model C-1	Sprinklers	130 e-h
Model D-1, and Dry Sprinkler Guard	Sprinklers	130 a-c
Intermediate Level/In Rack		
Model B-1 and Model C-1	Sprinklers	130 e-h
Model M	Sprinklers	131 a-e
High Challenge[®] Sprinklers		
Model A-2, Large Drop Control Mode Specific Application, Upright VK540 (K11.2)	Sprinklers	113 a-e
High Pressure Sprinklers		
Horizon [®] Mirage [®] Model B-2, Concealed, Pendent VK404 and VK405	Sprinklers	20 a-e
Horizon [®] Mirage [®] Model B-2, Quick Response, Concealed, Pendent VK404 and VK454	Sprinklers	57 a-f
Horizontal Sidewall, Quick Response, Fusible Element VK308 and VK320	Sprinklers	43 h-m
MicrofastHP [®] , EC/QREC, Pendent, Fusible Element VK611 (K5.6)	Sprinklers	90 v-z
MicrofastHP [®] , EC/QREC, Horizontal Sidewall, Fusible Element VK613 (K5.6)	Sprinklers	91 h-m
MicrofastHP [®] Model M, Quick Response, Horizontal Sidewall VK304, VK333, VK335, and VK344	Sprinklers	52 a-f
MicrofastHP [®] Model M, QR, Pendent VK302, VK352, VK329, VK331, VK317, VK342	Sprinklers	41 a-f
MicrofastHP [®] Model M, QR, Upright VK300, VK310, VK350, VK354, VK325, VK327, VK315, VK340, and VK345	Sprinklers	51 a-e
MicrofastHP [®] Model M-5, EC/QREC, Horizontal Sidewall VK612 (K5.6)	Sprinklers	91 a-f
MicrofastHP [®] Model M-5, EC/QREC, Pendent VK610 (K5.6)	Sprinklers	90 e-j
MicrofastHP [®] Model M-5, Quick Response, Horizontal Sidewall VK319 (K5.6)	Sprinklers	43 a-f
MicrofastHP [®] , Quick Response, Pendent, Fusible Element VK318, VK330, VK332, VK343, and VK353	Sprinklers	40 a-f
MicrofastHP [®] , Quick Response, Upright, Fusible Element VK316 (K5.6) and VK341 (K2.8)	Sprinklers	51 h-k
MicromaticHP [®] Model M, Horizontal Sidewall VK015 (K2.8) and VK116 (K5.6)	Sprinklers	14 e-j
MicromaticHP [®] Model M, Pendent VK023 (K2.8) and VK122 (K5.6)	Sprinklers	11 a-h
MicromaticHP [®] Model M, Upright VK021 (K2.8) and VK124 (K5.6)	Sprinklers	11 q-v
Mirage [®] Quick Response, Pendent VK463 (K5.6)	Sprinklers	54 a-e
Horizon[®] Flush Sprinklers		
Quick Response, Model H, Pendent VK402 and VK413 (K5.6)	Sprinklers	53 a-d
Residential, Model H-3, Pendent VK420 (K3.8)	Sprinklers	145 a-b
Standard Response, Model H, Pendent VK400 (K5.6)	Sprinklers	16 a-d
Horizon[®] Mirage[®] Concealed Pendent Sprinklers		
Standard Response, Model B-2, VK404 and High Pressure VK405 (K5.6)	Sprinklers	20 a-e
Quick Response, Model B-2, VK404 and High Pressure VK454 (K5.6)	Sprinklers	57 a-f
Horizontal Sidewall Sprinklers		
Dry, Model M VK152, VK156, and VK162 (K5.6)	Sprinklers	102 a-h
Dry, Extended Coverage, Model M VK188 (K5.6)	Sprinklers	109 a-f
Dry, Large Orifice Ordinary Hazard, Horizontal Sidewall VK250, VK252, and VK254	Sprinklers	102 j-g
Dry, Quick Response, Large Orifice Ordinary Hazard VK275, VK277, and VK279	Sprinklers	106 l-s
Dry, Quick Response, Large Orifice Ordinary Hazard, Fusible Link VK284, VK288, and VK292	Sprinklers	107 h-n
Extended Coverage, Microfast [®] , Fusible Element VK609 (K5.6)	Sprinklers	91 h-m
Extended Coverage, MicrofastHP [®] , Fusible Element, High Pressure VK613 (K5.6)	Sprinklers	91 h-m
Extended Coverage, Microfast [®] Model M VK606 (K8.0)	Sprinklers	82 a-f
Extended Coverage, Microfast [®] Model M-5 VK605 (K8.0)	Sprinklers	91 a-f
Extended Coverage, MicrofastHP [®] Model M-5, High Pressure VK612 (K5.6)	Sprinklers	91 a-f
Fusible Link, Standard Response, Model M VK112 and VK114	Sprinklers	19 a-e
Fusible Link, Standard Response VK112 and VK114 (Small Frame)	Sprinklers	19 u-z
Institutional, Flush, Quick Response, Model HQR-2 VK412	Sprinklers	126 k-g
Quick Response, Concealed VK408 (K5.6)	Sprinklers	63 a-e
Quick Response, Dry, Model M VK174, VK178, and VK182	Sprinklers	106 a-g
Quick Response, Extended Coverage, VK630 (K8.0)	Sprinklers	80 a-e

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PRODUCT DESCRIPTION	SECTION	PAGE(S)
Quick Response, Extended Coverage, Concealed, VK630 (K8.0)	Sprinklers	87 h-m
Quick Response, Extended Coverage, Dry, Model M VK188 (K5.6)	Sprinklers	109 a-f
Quick Response, Extended Coverage, Microfast [®] Model M VK606 (K8.0)	Sprinklers	82 a-f
Quick Response, Extended Coverage, Microfast [®] , Fusible Element VK609	Sprinklers	91 h-m
Quick Response, Extended Coverage, MicrofastHP [®] , Fusible Element, High Pressure VK613	Sprinklers	91 h-m
Quick Response, Extended Coverage, Microfast [®] Model M-5 VK605	Sprinklers	91 a-f
Quick Response, Extended Coverage, MicrofastHP [®] Model M-5, High Pressure VK612	Sprinklers	91 a-f
Quick Response Horizontal Sidewall Sprinkler 15591 VK360	Sprinklers	43 o-t
Quick Response Fusible Element Horizontal Sidewall Sprinklers 13947 and 13949 (Small Frame) VK307 and VK308 (K5.6)	Sprinklers	52 o-t
Quick Response Fusible Element Horizontal Sidewall Sprinklers 13948, 13962, and 13965 VK307, VK334, and VK346	Sprinklers	52 u-z
Quick Response Fusible Element Horizontal Sidewall Sprinklers 13950 and 13955 VK308 and VK320 (K5.6)	Sprinklers	43 h-m
Quick Response Horizontal Sidewall Sprinklers 12982 and 12997 (Small Frame) VK304 and VK305 (K5.6)	Sprinklers	43 u-z
Quick Response Light Hazard Horizontal Sidewall Sprinkler 10037 VK446	Sprinklers	41 o-s
Quick Response, Microfast [®] Model M VK304, VK333, and VK335	Sprinklers	52 a-f
Quick Response, Microfast [®] Model M-5 VK305	Sprinklers	43 a-f
Quick Response, MicrofastHP [®] Model M, High Pressure VK344	Sprinklers	52 a-f
Quick Response, MicrofastHP [®] Model M-5, High Pressure VK319	Sprinklers	43 a-f
Residential, Freedom [®] , VK452 (K4.0)	Sprinklers	143 g-l
Residential, Freedom [®] , VK453 (K4.0)	Sprinklers	143 v-z
Residential, Freedom [®] , VK450 (K4.2)	Sprinklers	143 m-t
Residential, Freedom [®] , VK460 (K5.8)	Sprinklers	152 a-f
Residential, Freedom [®] Model M-4, VK440 (K4.3)	Sprinklers	142 d-i
Residential, Freedom [®] Model M-5, VK442 (K5.5)	Sprinklers	146 a-f
Standard Response, Fusible Link, Model M VK112 and VK114 (K5.6)	Sprinklers	19 a-e
Standard Response, Micromatic [®] Model M VK016 (K4.2) and VK104 (K5.6)	Sprinklers	14 e-j
Standard Response, MicromaticHP [®] Model M VK015 (K2.8) and VK116 (K5.6)	Sprinklers	14 e-j
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In-Rack Sprinklers		
Model B-1 and Model C-1	Sprinklers	130 e-h
Model M, Intermediate Level	Sprinklers	131 a-e
Institutional Style Sprinklers		
Flush, QR/QREC, Pendent, Model HQR-2 VK410	Sprinklers	126 a-h
Flush, Quick Response, Horizontal Sidewall, Model HQR-2 VK412	Sprinklers	126 k-g
Intermediate Level/In-Rack Sprinklers		
Model B-1 and Model C-1	Sprinklers	131 a-e
Model M	Sprinklers	131 a-e
Intermediate Response Sprinklers, Micromatic [®]	Sprinklers	125 a-g
Large Drop Sprinklers		
High Challenge [®] Model A-2, Upright VK540 (Control Mode Specific Application)	Sprinklers	113 a-e
Microfast[®] Sprinklers		
Coin [™] Quick Response Upright Sprinkler (Specific Application) VK900	Sprinklers	112 a-l
Coin [™] Quick Response Fusible Element Upright Sprinkler (Specific Application) VK901	Sprinklers	112 r-z
Extended Coverage, Extra-Large Orifice, Fusible Element, Light Hazard VK617 (K11.2)	Sprinklers	85 h-m
Extended Coverage, Model M-5, VK604 and HP VK610 (K5.6)	Sprinklers	90 e-j
EC/QREC, Fusible Element, VK607 and HP VK611 (K5.6)	Sprinklers	90 v-z
EC/QREC, Horizontal Sidewall, Fusible Element VK609 and VK613 (K5.6)	Sprinklers	91 h-m
EC/QREC, Model M, Horizontal Sidewall VK606 (K8.0)	Sprinklers	82 a-f
EC/QREC, Model M-5, Horizontal Sidewall VK605 and VK612 (K5.6)	Sprinklers	91 a-f
EC/QREC, Ordinary Hazard, ELO, Fusible Element Upright VK535 and Pendent VK537 (K11.2)	Sprinklers	83 o-t
EC/QREC, Pendent, Fusible Element VK601 (K5.6) and VK603 (K8.0)	Sprinklers	81 h-l
EC/QREC, Pendent, Model M VK600 (K5.6) and VK602 (K8.0)	Sprinklers	81 a-f
Quick Response, Conventional, Fusible Element VK311 (K5.6) and VK355 (K8.0)	Sprinklers	51 h-k
Quick Response, Model M, Horizontal Sidewall VK304, VK333, VK335, and VK344	Sprinklers	52 a-f
Quick Response, Model M-5, Horizontal Sidewall VK305 and VK319 (K5.6)	Sprinklers	43 a-f
Quick Response, Model M, Vertical Sidewall VK306 (K5.6) and VK337 (K4.2)	Sprinklers	52 e-h
Quick Response, Model M, Conventional VK310 (K5.6) and VK354 (K8.0)	Sprinklers	51 a-e
Quick Response, Model M, Pendent VK302, VK317, VK329, VK331, VK342, and VK352	Sprinklers	41 a-f
Quick Response, Model M, Upright VK300, VK350, VK325, VK327, VK315, VK340, and VK345	Sprinklers	51 a-e
Quick Response, Pendent, Fusible Element VK318, VK330, VK332, VK343, and VK353	Sprinklers	40 a-f
Quick Response, Stainless Steel, Upright and Pendent VK338 and VK339 (K5.6)	Sprinklers	46 a-e
Quick Response, Horizontal Sidewall, Fusible Element VK308 and VK320 (K5.6)	Sprinklers	43 h-m
Quick Response, Horizontal Sidewall, Fusible Element VK307, VK334, and HP VK346	Sprinklers	52 u-z
Quick Response, Vertical Sidewall, Fusible Element VK309 (K5.6)	Sprinklers	50 a-d
Quick Response, Upright, Fusible Element VK316, VK326, VK328, VK341, and VK351	Sprinklers	51 h-k
MicrofastHP[®] Sprinklers (High Pressure)		
EC/QREC, Horizontal Sidewall, Fusible Element VK613 (K5.6)	Sprinklers	91 h-m
EC/QREC, Model M-5, Horizontal Sidewall VK612 (K5.6)	Sprinklers	91 a-f

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PRODUCT DESCRIPTION	SECTION	PAGE(S)
EC/QREC, Fusible Element, Pendent VK611 (K5.6)	Sprinklers	90 v-z
EC/QREC, Model M-5, Pendent VK610 (K5.6)	Sprinklers	90 e-j
Quick Response, Model M-5, Horizontal Sidewall VK319 (K5.6)	Sprinklers	43 a-f
Quick Response, Model M, Horizontal Sidewall VK344 (K2.8)	Sprinklers	52 a-f
Quick Response, Model M, Pendent VK317 (K5.6) and VK342 (K2.8)	Sprinklers	41 a-f
Quick Response, Model M, Upright VK315 (K5.6) and VK340 (K2.8)	Sprinklers	51 a-e
Quick Response, Horizontal Sidewall, Fusible Element VK308 and VK320 (K5.6)	Sprinklers	43 h-m
Quick Response, Pendent, Fusible Element VK318 (K5.6) and VK343 (K2.8)	Sprinklers	40 a-f
Quick Response, Upright, Fusible Element VK316 (K5.6) and VK341 (K2.8)	Sprinklers	51 h-k
Micromatic® Sprinklers		
Model M, Horizontal Sidewall VK015 (K2.8), VK016 (K4.2), VK104 (K5.6), and VK116 (K5.6)	Sprinklers	14 e-j
Model M, Vertical Sidewall VK018 (K4.2)	Sprinklers	14 a-d
Model M, Pendent VK003, VK004, VK023, VK102, VK122, and VK202	Sprinklers	11 a-h
Model M, Upright and Conventional VK100, VK200, VK001, VK002, VK118, VK120, VK124, VK021, VK145	Sprinklers	11 q-v
Model M-5, Horizontal Sidewall VK015 (K2.8), VK016 (K4.2), VK104 (K5.6), and VK116 (K5.6)	Sprinklers	14 e-j
Model N-2, Stainless Steel, Upright and Pendent VK130 and VK132 (K5.6)	Sprinklers	15 a-e
Special Response VK134, VK138, VK136, VK210, VK212, VK214, VK030, VK032	Sprinklers	125 a-g
MicromaticHP® Sprinklers (High Pressure)		
Model M, Horizontal Sidewall VK015 (K2.8) and VK116 (K5.6)	Sprinklers	14 e-j
Model M, Pendent VK023 (K2.8) and VK116 (K5.6)	Sprinklers	11 a-h
Model M, Upright VK021 (K2.8) and VK124 (K5.6)	Sprinklers	11 q-v
Mirage® Concealed Pendent Sprinklers		
Standard Response, Horizon®, Model B-2, High Pressure VK405 (K5.6)	Sprinklers	20 a-e
Standard Response, Mirage® Small Orifice VK461 (K2.8)	Sprinklers	54 h-l
QREC, VK632 (K5.6) and VK634 (K8.0)	Sprinklers	92 a-f
Quick Response, Horizon®, Model B-2, High Pressure VK454 (K5.6)	Sprinklers	57 a-f
Quick Response, MRI Pendent VK462 and VK464 (K5.6 and K8.0)	Sprinklers	54 p-t
Quick Response, Small Orifice VK461 (K2.8)	Sprinklers	54 h-l
Quick Response VK462 and HP VK463 (K5.6)	Sprinklers	54 a-e
Quick Response VK464 (K8.0)	Sprinklers	55 a-e
Quick Response VK465 (K4.2)	Sprinklers	64 a-e
MRI Sprinkler, Quick Response, Mirage® Pendent VK462 and VK464 (K5.6 and K8.0)	Sprinklers	54 p-t
Old Style (Conventional) Sprinklers		
In-Rack/Intermediate Level, Model B-1 VK118 (K5.6)	Sprinklers	130 e-h
Quick Response, Microfast®, Fusible Element VK311 (K5.6) and VK355 (K8.0)	Sprinklers	51 h-k
Quick Response, Microfast® Model M VK310 (K5.6) and VK354 (K8.0)	Sprinklers	51 a-e
Special Response, Micromatic® VK136 (K5.6) and VK214 (K8.0)	Sprinklers	125 a-g
Standard Response, Micromatic® Model M VK118 (K5.6) and VK120 (K8.0)	Sprinklers	11 q-v
Overview, Sprinklers	Sprinklers	1-3
Pendent Sprinklers		
CCCF Approved Part Number 12727FB	Sprinklers	10 a-d
Concealed (Domed) VK102 (K5.6) and VK202 (K8.0)	Sprinklers	11 j-o
Concealed (Domed), Dry VK190 (K5.6) and VK192 (Large Orifice)	Sprinklers	104 a-f
Concealed (Domed), Dry, EC/QREC, Light Hazard VK196 (K5.6)	Sprinklers	108 i-n
Concealed (Domed), Dry, Quick Response VK194 (K5.6)	Sprinklers	104 j-n
Concealed (Domed), EC/QREC Extra-Large Orifice, Light Hazard VK618 (K11.2)	Sprinklers	86 a-f
Concealed (Domed), EC/QREC, Light Hazard VK614 (K5.6) and VK616 (K8.0)	Sprinklers	88 a-f
Concealed (Domed), Quick Response Fusible Element VK353	Sprinklers	42 o-s
Concealed (Domed), Quick Response VK302 (K5.6) and VK352 (K8.0)	Sprinklers	41 q-l
Concealed, Horizon® Mirage® Model B-2, VK404 and HP VK405 (K5.6)	Sprinklers	20 a-e
Concealed, Quick Response, Horizon® Mirage® Model B-2, VK454, High Pressure	Sprinklers	57 a-f
Concealed, Quick Response, Mirage® VK461 (K2.8)	Sprinklers	54 h-l
Concealed, Quick Response, Mirage® VK462 and HP VK463 (K5.6)	Sprinklers	54 a-e
Concealed, Quick Response, Mirage® VK464 (K8.0)	Sprinklers	55 a-e
Concealed, Quick Response, Mirage® VK465 (K4.2)	Sprinklers	64 a-e
Concealed, Quick Response, MRI Pendent VK462 and VK464 (K5.6 and K8.0)	Sprinklers	54 p-t
Concealed, QREC, Mirage® VK632 (K5.6) and VK634 (K8.0)	Sprinklers	92 a-f
Concealed, Standard Response, Mirage® VK461 (K2.8)	Sprinklers	54 h-l
Corrosion Resistant, Stainless Steel, Microfast® Quick Response VK338 and VK339 (K5.6)	Sprinklers	46 a-e
Corrosion Resistant, Stainless Steel, Micromatic® Model N-2 VK130 and VK132 (K5.6)	Sprinklers	15 a-e
Dry, Concealed (Domed) VK190 (K5.6) and VK192 (Large Orifice)	Sprinklers	104 a-f
Dry, Concealed (Domed), EC/QREC, Light Hazard VK196 (K5.6)	Sprinklers	108 i-n
Dry, Concealed (Domed), Quick Response VK194 (K5.6)	Sprinklers	104 j-n
Dry, ESFR, VK501 (K14.0)	Sprinklers	122 a-g
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ESFR, Model S-1 VK500 (K14.0)	Sprinklers	120 a-f
EC/QREC, Concealed (Domed), ELO, Light Hazard VK618 (K11.2)	Sprinklers	86 a-f
EC/QREC, Concealed (Domed), Light Hazard VK614 (K5.6) and VK616 (K8.0)	Sprinklers	88 a-f
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EC/QREC, ELO, Concealed (Domed), Light Hazard VK618 (K11.2)	Sprinklers	86 a-f
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Extended Coverage, Extra-Large Orifice, Model M, Light Hazard, VK608 (K11.2)	Sprinklers	85 a-f
Extended Coverage, Extra-Large Orifice, Model M, Ordinary Hazard VK534 (K11.2)	Sprinklers	83 a-f
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EC/QREC, Ordinary Hazard, ELO Fusible Element, VK537 (K11.2)	Sprinklers	83 o-t
EC/QREC, Microfast [®] , Fusible Element, VK607 and HP VK611 (K5.6)	Sprinklers	90 v-z
Extended Coverage, Microfast [®] Model M-5, VK604 and HP VK610 (K5.6)	Sprinklers	90 e-j
Extended Coverage, Ordinary Hazard, VK572 (K14.0)	Sprinklers	83 h-m
Extra-Large Orifice, EC/QREC, Concealed (Domed), Light Hazard VK618 (K11.2)	Sprinklers	86 a-f
Extra-Large Orifice, EC/QREC, Model M, Ordinary Hazard VK534 (K11.2)	Sprinklers	83 a-f
Extra-Large Orifice, EC/QREC, Fusible Element, Light Hazard VK617 (K11.2)	Sprinklers	85 h-m
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MicromaticHP [®] Model M VK023 and VK122	Sprinklers	11 a-h
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Quick Response, Concealed, Horizon [®] Mirage [®] Model B-2, VK404 and HP VK454 (K5.6)	Sprinklers	57 a-f
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Quick Response, Extended Coverage, Concealed (Domed), Light Hazard VK614 (K5.6) and VK616 (K8.0)	Sprinklers	88 a-f
Quick Response, Extended Coverage, Dry, Concealed (Domed), Light Hazard VK196 (K5.6)	Sprinklers	108 i-n
Quick Response, Extended Coverage, Dry, Model M VK186 (K5.6)	Sprinklers	108 a-f
Quick Response, Extended Coverage, ELO, Concealed (Domed), Light Hazard VK618 (K11.2)	Sprinklers	86 a-f
Quick Response, Extended Coverage, Extra-Large Orifice, Fusible Element, Light Hazard VK617 (K11.2)	Sprinklers	85 h-m
Quick Response, Extended Coverage, Extra-Large Orifice, Model M, Light Hazard VK608 (K11.2)	Sprinklers	85 a-f
Quick Response, Extended Coverage, Microfast [®] Fusible Element VK601 (K5.6) and VK603 (K8.0)	Sprinklers	81 h-i
Quick Response, Extended Coverage, Microfast [®] Model M VK600 (K5.6) and VK602 (K8.0)	Sprinklers	81 a-f
Quick Response, Extended Coverage, Microfast [®] Fusible Element, VK607 and HP VK611	Sprinklers	90 v-z
Quick Response, Extended Coverage, Microfast [®] Model M-5, VK604 and HP VK610	Sprinklers	90 e-j
Quick Response, Flush, Horizon [®] Model H VK402 and VK413 (K5.6)	Sprinklers	53 a-d
Quick Response, Fusible Element VK303 (K5.6)	Sprinklers	47 a-f
Quick Response, Microfast [®] , Fusible Element VK330 (K2.8) and VK332 (K4.2)	Sprinklers	40 a-f
Quick Response, MicrofastHP [®] , Fusible Element, High Pressure VK318 (K5.6), VK343 (K2.8), and VK353 (K8.0)	Sprinklers	40 a-f
Quick Response, Microfast [®] Model M VK302 (K5.6), VK329 (K2.8), VK331 (K4.2), and VK352 (K8.0)	Sprinklers	41 a-f
Quick Response, MicrofastHP [®] Model M, High Pressure VK317 (K5.6) and VK342 (K2.8)	Sprinklers	41 a-f
Quick Response Fusible Element (Small Frame) VK326 and VK330 (K2.8)	Sprinklers	42 h-m
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Residential, Freedom [®] Concealed (Domed), Fusible Element VK456 (K4.9)	Sprinklers	147 e-j
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Special Response, Micromatic® VK032 (K4.2), VK134 (K5.6), and VK212 (K8.0)	Sprinklers	125 a-g
Stainless Steel, Microfast® Quick Response VK338 and VK339 (K5.6)	Sprinklers	46 a-e
Stainless Steel, Micromatic® Model N-2 VK130 and VK132 (K5.6)	Sprinklers	15 a-e
Standard Response (Control Mode Specific Application) VK592 (K19.6)	Sprinklers	114 l-s
Standard Response, Flush, Horizon® Model H VK400 (K5.6)	Sprinklers	16 a-d
Standard Response (Small Frame) VK003 (K2.8) and VK102 (K5.6)	Sprinklers	12 a-f
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Coin™ Quick Response Upright Sprinkler (Specific Application) VK900	Sprinklers	112 a-l
Concealed (Domed), Pendant VK302 (K5.6) and VK352 (K8.0)	Sprinklers	41 o-l
Concealed (Domed), Pendant, Light Hazard VK614 (K5.6) and VK616 (K8.0)	Sprinklers	88 a-f
Concealed, Dry, Extended Coverage, Pendant, Light Hazard VK196 (K5.6)	Sprinklers	108 i-n
Concealed, Dry, Pendant VK194 (K5.6)	Sprinklers	104 j-n
Concealed, Extended Coverage, Extra-Large Orifice, Pendant, Light Hazard VK618 (K11.2)	Sprinklers	86 a-f
Concealed, Extended Coverage, Mirage® , Pendant VK632 (K5.6) and VK634 (K8.0)	Sprinklers	92 a-f
Concealed, Fusible Element, Pendant VK353	Sprinklers	42 o-s
Concealed, Horizon® Mirage® Model B-2, High Pressure, Pendant VK454 (K5.6)	Sprinklers	57 a-f
Concealed, Horizontal Sidewall VK408 (K5.6)	Sprinklers	63 a-e
Concealed, Mirage® , MRI Pendant VK462 and VK464 (K5.6 and K8.0)	Sprinklers	54 p-i
Concealed, Mirage® , Pendant Sprinkler VK462 and HP Sprinkler VK463 (K5.6)	Sprinklers	54 a-e
Concealed, Mirage® , Pendant Sprinkler VK464 (K8.0)	Sprinklers	55 a-e
Concealed, Mirage® , Pendant Sprinkler VK465 (K4.2)	Sprinklers	64 a-e
Concealed, Mirage® , Small Orifice, Pendant VK461 (K2.8)	Sprinklers	54 h-l
Dry, Concealed (Domed), Extended Coverage, Pendant, Light Hazard VK196 (K5.6)	Sprinklers	108 i-n
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Extended Coverage, Extra-Large Orifice, Fusible Element, Light Hazard, Pendant VK617 (K11.2)	Sprinklers	85 h-m
Extended Coverage, Extra-Large Orifice, Fusible Element, Ordinary Hazard, Upright VK535 and Pendant VK537 (K11.2)	Sprinklers	83 o-t
Extended Coverage, Extra-Large Orifice, Model M, Light Hazard, Pendant VK608 (K11.2)	Sprinklers	85 a-f
Extended Coverage, Horizontal Sidewall VK630 (K8.0)	Sprinklers	80 a-e
Extended Coverage, Microfast® Fusible Element, Pendant VK601 (K5.6) and VK602 (K8.0)	Sprinklers	81 h-l
Extended Coverage, Microfast® Horizontal Sidewall, Fusible Element VK609 and HP VK613 (K5.6)	Sprinklers	91 h-m
Extended Coverage, Microfast® Model M, Horizontal Sidewall VK606 (K8.0)	Sprinklers	82 a-f
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Extended Coverage, Microfast® Fusible Element, Pendant VK607 and HP VK611 (K5.6)	Sprinklers	90 v-z
Extended Coverage, Microfast® Model M-5, Pendant VK604 and HP VK610 (K5.6)	Sprinklers	90 e-j
Extended Coverage, Ordinary Hazard, Extra-Large Orifice VK532 (K11.2)	Sprinklers	83 a-f
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Extra-Large Orifice, Extended Coverage, Fusible Element, Light Hazard, Pendant VK617 (K11.2)	Sprinklers	85 h-m
Extra-Large Orifice, Extended Coverage, Model M, Light Hazard, Pendant VK608 (K11.2)	Sprinklers	85 a-f
Extra-Large Orifice, Fusible Element Upright (Density/Area) VK533 (K11.2)	Sprinklers	70 w-z
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Fusible Element, Upright and Conventional	Sprinklers	51 h-k
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Microfast [®] , Conventional, Fusible Element VK311 (K5.6) and VK355 (K8.0)	Sprinklers	51 h-m
Microfast [®] Model M, Conventional VK310 (K5.6) and VK354 (K8.0)	Sprinklers	51 a-e
Microfast [®] Model M, Horizontal Sidewall VK304 (K5.6), VK333 (K2.8), VK335 (K4.2), and VK344 (K2.8)	Sprinklers	52 a-f
Microfast [®] Model M, Pendent VK302 (K5.6), VK329 (K2.8), VK331 (K4.2), VK352 (K8.0)	Sprinklers	41 a-f
Microfast [®] Model M, Upright VK300 (K5.6), VK325 (K2.8), VK327 (K4.2), VK345 (K5.6), and VK350 (K8.0)	Sprinklers	51 a-e
Microfast [®] Model M, Vertical Sidewall VK306 (K5.6) and VK337 (K4.2)	Sprinklers	52 e-h
Microfast [®] Model M-5, Horizontal Sidewall VK305 (K5.6)	Sprinklers	43 a-f
Microfast [®] Pendent, Fusible Element VK330 (K2.8), VK332 (K4.2), and VK353 (K8.0)	Sprinklers	40 a-f
Microfast [®] , Upright, Fusible Element VK326 (K2.8) and VK328 (K4.2)	Sprinklers	51 h-k
Microfast [®] , Vertical Sidewall, Fusible Element VK309 (K5.6)	Sprinklers	50 a-d
MicrofastHP [®] Model M, Horizontal Sidewall VK344 (K2.8)	Sprinklers	52 a-f
MicrofastHP [®] , Pendent, Fusible Element VK318 (K5.6) and VK343 (K2.8)	Sprinklers	40 a-f
MicrofastHP [®] Model M, Pendent VK317 (K5.6) and VK342 (K2.8)	Sprinklers	41 a-f
MicrofastHP [®] , Upright, Fusible Element VK316 (K5.6) and VK341 (K2.8)	Sprinklers	51 h-k
MicrofastHP [®] Model M, Upright VK315 (K5.6) and VK340 (K2.8)	Sprinklers	51 a-e
MicrofastHP [®] Model M-5, Horizontal Sidewall VK319 (K5.6)	Sprinklers	43 a-f
MRI Sprinkler, Mirage [®] VK462 and VK464 (K5.6 and K8.0)	Sprinklers	54 p-t
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