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**SPRINKLER IDENTIFICATION NUMBER (SIN) DIRECTORY**

| SIN*    | Technical Data Page(s) | Sprinkler Base Part Number | Nominal K-Factor |        | Sprinkler Model and Type   | Maximum Pressure Rating |
|---------|------------------------|----------------------------|------------------|--------|--|-------------------------|
|         |                        |                            | U.S.             | metric |  |                         |
| VK001   | <a href="#">11q-v</a>  | 10192 and 13007            | 2.8              | 40.3   | Standard Response Model M Upright, Small Orifice, 15 mm BSP  | 175 psi                 |
| VK001   | <a href="#">11q-v</a>  | 10218 and 13006            | 2.8              | 40.3   | Standard Response Model M Upright, Small Orifice, ½" NPT   | 175 psi                 |
| VK002   | N/A                    | 10176                      | 4.2              | 57     | Standard Response Model M Upright, Small Orifice, 10 mm BSP (discontinued product)                           | 175 psi                 |
| VK002   | <a href="#">11q-v</a>  | 10191                      | 4.2              | 57     | Standard Response Model M Upright, Small Orifice, 15 mm BSP  | 175 psi                 |
| VK002   | <a href="#">11q-v</a>  | 10219                      | 4.2              | 57     | Standard Response Model M Upright, Small Orifice, ½" NPT   | 175 psi                 |
| VK003   | <a href="#">11a-h</a>  | 10189 and 12992            | 2.8              | 40.3   | Standard Response Model M Pendent, Small Orifice, 15 mm BSP  | 175 psi                 |
| VK003   | <a href="#">11a-h</a>  | 10221 and 12994            | 2.8              | 40.3   | Standard Response Model M Pendent, Small Orifice, ½" NPT   | 175 psi                 |
| VK004   | N/A                    | 10175                      | 4.2              | 57     | Standard Response Model M Pendent, Small Orifice, 10 mm BSP (discontinued product)                           | 175 psi                 |
| VK004   | N/A                    | 10188                      | 4.2              | 57     | SR Model M Pendent, Small Orifice, 15 mm BSP (discontinued product)  | 175 psi                 |
| VK004   | <a href="#">11a-h</a>  | 10222                      | 4.2              | 57     | Standard Response Model M Pendent, Small Orifice, ½" NPT   | 175 psi                 |
| VK005   | N/A                    | 05569                      | 2.8              | 40.3   | SR Model M Fusible Link Upright, Small Orifice, ½" NPT (discontinued product)                                | 175 psi                 |
| VK005   | N/A                    | 12975                      | 2.8              | 40.3   | SR Model M Fusible Link Upright, Small Orifice, ½" NPT (discontinued product)                                | 175 psi                 |
| VK006   | N/A                    | 05510                      | 4.2              | 57     | Standard Response Model M Fusible Link Upright, Small Orifice, 10 mm BSP (discontinued product)              | 175 psi                 |
| VK006   | <a href="#">18a-f</a>  | 05574                      | 4.2              | 57     | Standard Response Model M Fusible Link Upright, Small Orifice, ½" NPT  | 175 psi                 |
| VK007   | N/A                    | 05570                      | 2.8              | 40.3   | SR Model M Fusible Link Pendent, Small Orifice, ½" NPT (discontinued product)                                | 175 psi                 |
| VK007   | N/A                    | 12976                      | 2.8              | 40.3   | SR Model M Fusible Link Pdt, Small Orifice, ½" NPT (discontinued product)                                    | 175 psi                 |
| VK008   | N/A                    | 05512                      | 4.2              | 57     | Standard Response Model M Fusible Link Pendent, Small Orifice, 10 mm BSP (discontinued product)              | 175 psi                 |
| VK008   | <a href="#">18a-f</a>  | 05575                      | 4.2              | 57     | Standard Response Model M Fusible Link Pendent, Small Orifice, ½" NPT  | 175 psi                 |
| VK015   | <a href="#">14e-j</a>  | 09997                      | 2.8              | 40.3   | HP Standard Response Model M Horizontal Sidewall, Small Orifice, ½" NPT                                      | 250 psi                 |
| VK016   | <a href="#">14e-j</a>  | 09126                      | 4.2              | 57     | Standard Response Model M Horizontal Sidewall, Small Orifice, 10 mm BSP                                      | 175 psi                 |
| VK018   | <a href="#">14a-b</a>  | 09127                      | 4.2              | 57     | Standard Response Model M Vertical Sidewall, Small Orifice, 10 mm BSP  | 175 psi                 |
| VK021   | <a href="#">11a-h</a>  | 09995                      | 2.8              | 40.3   | HP Standard Response Model M HP Upright, Small Orifice, ½" NPT   | 250 psi                 |
| VK023   | <a href="#">11a-h</a>  | 09994                      | 2.8              | 40.3   | HP Standard Response Model M HP Pendent, Small Orifice, ½" NPT   | 250 psi                 |
| VK030   | N/A                    | 09284                      | 4.2              | 57     | Special Response Upright, Small Orifice, 10 mm BSP (discontinued product)                                    | 175 psi                 |
| VK032   | N/A                    | 09285                      | 4.2              | 57     | Special Response Pendent, Small Orifice, 10 mm BSP (discontinued product)                                    | 175 psi                 |
| VK100   | <a href="#">11q-v</a>  | 10138 and 12986            | 5.6              | 80.6   | Standard Response Model M Upright, Standard Orifice, ½" NPT  | 175 psi                 |
| VK100   | <a href="#">11q-v</a>  | 10193 and 12993            | 5.6              | 80.6   | Standard Response Model M Upright, Standard Orifice, 15 mm BSP   | 175 psi                 |
| VK102   | <a href="#">11a-h</a>  | 10139 and 12987            | 5.6              | 80.6   | Standard Response Model M Pendent, Standard Orifice, ½" NPT  | 175 psi                 |
| VK102-D | <a href="#">11-q</a>   | 10139A-X                   | 5.6              | 80.6   | Standard Response Domed Concealed Pendent, Standard Orifice, ½" NPT  | 175 psi                 |
| VK102   | <a href="#">11a-h</a>  | 10173 and 12989            | 5.6              | 80.6   | Standard Response Model M Pendent, Standard Orifice, 15 mm BSP   | 175 psi                 |
| VK104   | <a href="#">14e-j</a>  | 10171 and 12988            | 5.6              | 80.6   | Standard Response Model M HSW, Standard Orifice, 15 mm BSP   | 175 psi                 |
| VK104   | <a href="#">14e-j</a>  | 10224 and 12995            | 5.6              | 80.6   | Standard Response Model M Horizontal Sidewall, Standard Orifice, ½" NPT                                      | 175 psi                 |
| VK106   | <a href="#">14a-b</a>  | 10186 and 12991            | 5.6              | 80.6   | Standard Response Model M Vertical Sidewall, Standard Orifice, 15 mm BSP                                     | 175 psi                 |
| VK106   | <a href="#">14a-b</a>  | 10226 and 12996            | 5.6              | 80.6   | Standard Response Model M Vertical Sidewall, Standard Orifice, ½" NPT  | 175 psi                 |
| VK108   | <a href="#">18a-f</a>  | 05506 and 12971            | 5.6              | 80.6   | Standard Response Model M Fusible Element Upright, Standard Orifice, 15 mm BSP                               | 175 psi                 |
| VK108   | <a href="#">18a-f</a>  | 05557 and 12973            | 5.6              | 80.6   | Standard Response Model M Fusible Element Upright, Standard Orifice, ½" NPT                                  | 175 psi                 |
| VK110   | <a href="#">18a-f</a>  | 05508 and 12972            | 5.6              | 80.6   | Standard Response Model M Fusible Element Pendent, Standard Orifice, ½" NPT                                  | 175 psi                 |
| VK112   | <a href="#">19a-e</a>  | 05559 and 12974            | 5.6              | 80.6   | Standard Response Model M Fusible Element Horizontal Sidewall, Standard Orifice, ½" NPT                      | 175 psi                 |
| VK114   | N/A                    | 06347 and 12977            | 5.6              | 80.6   | Standard Response Model M Fusible Element Vertical Sidewall, Standard Orifice, ½" NPT (discontinued product) | 175 psi                 |
| VK116   | <a href="#">14e-j</a>  | 09849                      | 5.6              | 80.6   | HP Standard Response Model M-5 HSW, Standard Orifice, ½" NPT   | 250 psi                 |
| VK118   | <a href="#">11q-v</a>  | 10172                      | 5.6              | 80.6   | Standard Response Model M Conventional, Standard Orifice, 15 mm BSP  | 175 psi                 |
| VK118   | <a href="#">11q-v</a>  | 10227                      | 5.6              | 80.6   | Standard Response Model M Conventional, Standard Orifice, ½" NPT   | 175 psi                 |
| VK120   | <a href="#">11q-v</a>  | 10168                      | 8.0              | 115.2  | Standard Response Model M Conventional, Large Orifice, 20 mm BSP   | 175 psi                 |
| VK120   | <a href="#">11q-v</a>  | 10228                      | 8.0              | 115.2  | Standard Response Model M Conventional, Large Orifice, 3/4" NPT  | 175 psi                 |
| VK120   | N/A                    | 12106                      | 8.0              | 115.2  | Standard Response Model M Conv., Large Orifice, 3/4" NPT (discontinued product)                              | 175 psi                 |
| VK122   | <a href="#">11a-h</a>  | 09992                      | 5.6              | 80.6   | HP Standard Response Model M HP Pendent, Standard Orifice, ½" NPT  | 250 psi                 |
| VK124   | <a href="#">11q-v</a>  | 09993                      | 5.6              | 80.6   | HP Standard Response Model M HP Upright, Standard Orifice, ½" NPT  | 250 psi                 |
| VK130   | <a href="#">15a-e</a>  | 05012B                     | 5.6              | 80.6   | Standard Response Model N-2 Stainless Steel Upright, Standard Orifice, ½" NPT                                | 175 psi                 |
| VK130   | <a href="#">15a-e</a>  | 06501BZ                    | 5.6              | 80.6   | Standard Response Open Model N-2 Stainless Steel Upright, Standard Orifice, ½" NPT                           | 175 psi                 |
| VK132   | <a href="#">15a-e</a>  | 06483B                     | 5.6              | 80.6   | Standard Response Model N-2 Stainless Steel Pendent, Standard Orifice, ½" NPT                                | 175 psi                 |
| VK132   | <a href="#">15a-e</a>  | 06502BZ                    | 5.6              | 80.6   | Standard Response Open Model N-2 Stainless Steel Pendent, Standard Orifice, ½" NPT                           | 175 psi                 |
| VK134   | <a href="#">125a-g</a> | 09224                      | 5.6              | 80.6   | Special Response Pendent, Standard Orifice, ½" NPT (discontinued product)                                    | 175 psi                 |
| VK134   | <a href="#">125a-g</a> | 09956                      | 5.6              | 80.6   | Special Response Pendent, Standard Orifice, 15 mm BSP (discontinued product)                                 | 175 psi                 |

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| SIN*   | Technical Data Page(s)                        | Sprinkler Base Part Number | Nominal K-Factor |        | Sprinkler Model and Type  | Maximum Pressure Rating |
|--------|---|----------------------------|------------------|--------|---|-------------------------|
|        |   |                            | U.S.             | metric |   |                         |
| VK136  | <a href="#">125a-g</a>                        | 09225                      | 5.6              | 80.6   | Special Response Conventional, Standard Orifice, ½" NPT (discontinued product)  | 175 psi                 |
| VK136  | <a href="#">125a-g</a>                        | 09958                      | 5.6              | 80.6   | Special Response Conventional, Standard Orifice, 15 mm BSP (discontinued product)   | 175 psi                 |
| VK138  | <a href="#">125a-g</a>                        | 09226                      | 5.6              | 80.6   | Special Response Upright, Standard Orifice, ½" NPT (discontinued product)   | 175 psi                 |
| VK138  | <a href="#">125a-g</a>                        | 09959                      | 5.6              | 80.6   | Special Response Upright, Standard Orifice, 15 mm BSP (discontinued product)  | 175 psi                 |
| VK145  | <a href="#">11q-v</a>   <a href="#">12a-f</a> | 10174 and 12990            | 5.6              | 80.6   | Standard Response Model M Upright, Standard Orifice, 15 mm BSP  | 175 psi                 |
| VK145  | <a href="#">11q-v</a>   <a href="#">12a-f</a> | 10233 and 13001            | 5.6              | 80.6   | Standard Response Model M Upright, Standard Orifice, ½" NPT   | 175 psi                 |
| VK150  | <a href="#">101a-g</a>                        | 07852U                     | 5.6              | 80.6   | Standard Response Model M Plain Barrel Dry Pendent, Standard Orifice, 1" NPT  | 175 psi                 |
| VK150  | <a href="#">101a-g</a>                        | 07855U                     | 5.6              | 80.6   | Standard Response Model M Plain Barrel Dry Pendent, Standard Orifice, 25 mm BSP   | 175 psi                 |
| VK151  | <a href="#">101a-g</a>                        | 09343                      | 5.6              | 80.6   | Model M Plain Barrel Dry Pendent, Standard Orifice, 1" NPT  | 175 psi                 |
| VK1510 | <a href="#">110a-g</a>                        | 17389                      | 5.6              | 80.6   | Model M Plain Barrel Dry Pendent, Standard Orifice, 25 mm BSP   | 175 psi                 |
| VK1510 | <a href="#">110a-g</a>                        | 17388                      | 5.6              | 80.6   | Model M Plain Barrel Dry Pendent, Standard Orifice, 1" NPT  | 175 psi                 |
| VK152  | <a href="#">102a-i</a>                        | 07858U                     | 5.6              | 80.6   | Standard Response Model M Plain Barrel Dry Horizontal Sidewall, Standard Orifice, 1" NPT  | 175 psi                 |
| VK152  | <a href="#">102a-i</a>                        | 07861U                     | 5.6              | 80.6   | Standard Response Model M Plain Barrel Dry Horizontal Sidewall, Standard Orifice, 25 mm BSP   | 175 psi                 |
| VK153  | <a href="#">103a-f</a>                        | 09125U                     | 5.6              | 80.6   | Standard Response Model M Plain Barrel Dry Vertical Sidewall, Standard Orifice, 1" NPT  | 175 psi                 |
| VK153  | <a href="#">103a-f</a>                        | 08963U                     | 5.6              | 80.6   | Standard Response Model M Plain Barrel Dry Vertical Sidewall, Standard Orifice, 25 mm BSP   | 175 psi                 |
| VK154  | <a href="#">101a-g</a>                        | 07740U                     | 5.6              | 80.6   | Standard Response Model M Adjustable Standard Dry Pendent, Standard Orifice, 1" NPT   | 175 psi                 |
| VK154  | <a href="#">101a-g</a>                        | 07854U                     | 5.6              | 80.6   | Standard Response Model M Adjustable Standard Dry Pendent, Standard Orifice, 25 mm BSP  | 175 psi                 |
| VK155  | <a href="#">101a-g</a>                        | 09341                      | 5.6              | 80.6   | Model M Adjustable Standard Dry Pendent, Standard Orifice, 1" NPT   | 175 psi                 |
| VK1550 | <a href="#">110a-g</a>                        | 17391                      | 5.6              | 80.6   | Model M Adjustable Standard Dry Pendent, Standard Orifice, 25 mm BSP  | 175 psi                 |
| VK1550 | <a href="#">110a-g</a>                        | 17390                      | 5.6              | 80.6   | Model M Adjustable Standard Dry Pendent, Standard Orifice, 1" NPT   | 175 psi                 |
| VK156  | <a href="#">102a-i</a>                        | 07857U                     | 5.6              | 80.6   | Standard Response Model M Adjustable Standard Dry Horizontal Sidewall, Standard Orifice, 1" NPT   | 175 psi                 |
| VK156  | <a href="#">102a-i</a>                        | 07860U                     | 5.6              | 80.6   | Standard Response Model M Adjustable Standard Dry Horizontal Sidewall, Standard Orifice, 1" NPT   | 175 psi                 |
| VK157  | <a href="#">103a-f</a>                        | 09123U                     | 5.6              | 80.6   | Standard Response Model M Adjustable Standard Dry Vertical Sidewall, Standard Orifice, 1" NPT   | 175 psi                 |
| VK157  | <a href="#">103a-f</a>                        | 08961U                     | 5.6              | 80.6   | Standard Response Model M Adjustable Standard Dry Vertical Sidewall, Standard Orifice, 25 mm BSP  | 175 psi                 |
| VK158  | <a href="#">101a-g</a>                        | 06530U                     | 5.6              | 80.6   | Standard Response Model M Adjustable Recessed Dry Pendent, Standard Orifice, 1" NPT   | 175 psi                 |
| VK158  | <a href="#">101a-g</a>                        | 07853U                     | 5.6              | 80.6   | Standard Response Model M Adjustable Recessed Dry Pendent, Standard Orifice, 25 mm BSP  | 175 psi                 |
| VK159  | <a href="#">101a-g</a>                        | 09342                      | 5.6              | 80.6   | Model M Adjustable Recessed Dry Pendent, Standard Orifice, 1" NPT   | 175 psi                 |
| VK1590 | <a href="#">110a-g</a>                        | 17387                      | 5.6              | 80.6   | Model M Adjustable Recessed Dry Pendent, Standard Orifice, 25 mm BSP  | 175 psi                 |
| VK1590 | <a href="#">110a-g</a>                        | 17386                      | 5.6              | 80.6   | Model M Adjustable Recessed Dry Pendent, Standard Orifice, 1" NPT   | 175 psi                 |
| VK160  | <a href="#">101i-m</a>                        | 08050                      | 5.6              | 80.6   | Standard Response Model M Plain Barrel Dry Upright, Standard Orifice, 1" NPT  | 175 psi                 |
| VK160  | <a href="#">101i-m</a>                        | 08079                      | 5.6              | 80.6   | Standard Response Model M Plain Barrel Dry Upright, Std. Orifice, 25 mm BSP   | 175 psi                 |
| VK161  | <a href="#">103a-f</a>                        | 09124U                     | 5.6              | 80.6   | Standard Response Model M Adjustable Recessed Dry Vertical Sidewall, Standard Orifice, 1" NPT   | 175 psi                 |
| VK161  | <a href="#">103a-f</a>                        | 08962U                     | 5.6              | 80.6   | Standard Response Model M Adjustable Recessed Dry Vertical Sidewall, Standard Orifice, 25 mm BSP  | 175 psi                 |
| VK162  | <a href="#">102a-i</a>                        | 07856U                     | 5.6              | 80.6   | Standard Response Model M Adjustable Recessed Dry Horizontal Sidewall, Standard Orifice, 1" NPT   | 175 psi                 |
| VK162  | <a href="#">102a-i</a>                        | 07859U                     | 5.6              | 80.6   | Standard Response Model M Adjustable Recessed Dry HSW, Standard Orifice, 25 mm BSP Dry Horizontal Sidewall, Standard Orifice, 25 mm BSP | 175 psi                 |
| VK163  | <a href="#">101o-t</a>                        | 12810U                     | 8.0              | 115.2  | Standard Response Model M Adjustable Standard Dry Pendent, Large Orifice, 1" NPT  | 175 psi                 |
| VK163  | <a href="#">101o-t</a>                        | 12813U                     | 8.0              | 115.2  | Standard Response Model M Adjustable Standard Dry Pendent, Large Orifice, 25 mm BSP   | 175 psi                 |
| VK164  | <a href="#">101o-t</a>                        | 12811U                     | 8.0              | 115.2  | Standard Response Model M Adjustable Recessed Dry Pendent, Large Orifice, 1" NPT  | 175 psi                 |
| VK164  | <a href="#">101o-t</a>                        | 12814U                     | 8.0              | 115.2  | Standard Response Model M Adjustable Recessed Dry Pendent, Large Orifice, 25 mm BSP   | 175 psi                 |
| VK166  | <a href="#">101o-t</a>                        | 12741U                     | 8.0              | 115.2  | Standard Response Model M Plain Barrel Dry Pendent, Large Orifice, 1" NPT   | 175 psi                 |
| VK166  | <a href="#">101o-t</a>                        | 12812U                     | 8.0              | 115.2  | Standard Response Model M Plain Barrel Dry Pendent, Large Orifice, 25 mm BSP  | 175 psi                 |
| VK168  | <a href="#">101u-x</a>                        | 09798U                     | 5.6              | 80.6   | Standard Response Model M Stainless Steel Plain Barrel Dry Pendent, Standard Orifice, 1" NPT  | 175 psi                 |
| VK168  | <a href="#">101u-x</a>                        | 09799U                     | 5.6              | 80.6   | Standard Response Model M Stainless Steel Plain Barrel Dry Pendent, Standard Orifice, 25 mm BSP   | 175 psi                 |
| VK169  | <a href="#">101u-x</a>                        | 10360U                     | 5.6              | 80.6   | Standard Response Model M Stainless Steel Adjustable Recessed Dry Pendent, Standard Orifice, 1" NPT                                     | 175 psi                 |
| VK169  | <a href="#">101u-x</a>                        | 10377U                     | 5.6              | 80.6   | Standard Response Model M Stainless Steel Adjustable Recessed Dry Pendent, Large Orifice, 25 mm BSP                                     | 175 psi                 |
| VK172  | <a href="#">105a-f</a>                        | 08387U                     | 5.6              | 80.6   | Quick Response Model M Plain Barrel Dry Pendent, Standard Orifice, 1" NPT   | 175 psi                 |
| VK172  | <a href="#">105a-f</a>                        | 16455U                     | 5.6              | 80.6   | Quick Response Model M Plain Barrel Dry Pendent, Standard Orifice, 25 mm BSP  | 175 psi                 |

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| SIN*    | Technical Data Page(s) | Sprinkler Base Part Number | Nominal K-Factor |        | Sprinkler Model and Type  | Maximum Pressure Rating |
|---------|------------------------|----------------------------|------------------|--------|---|-------------------------|
|         |                        |                            | U.S.             | metric |   |                         |
| VK173   | <a href="#">105h-n</a> | 13248U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Plain Barrel Dry Pendent, Large Orifice, 1" NPT  | 175 psi                 |
| VK173   | <a href="#">105h-n</a> | 13251U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Plain Barrel Dry Pdt, Large Orifice, 25 mm BSP   | 175 psi                 |
| VK174   | <a href="#">106a-h</a> | 08388U                     | 5.6              | 80.6   | Quick Response Model M Plain Barrel Dry HSW, Standard Orifice, 1" NPT   | 175 psi                 |
| VK174   | <a href="#">106a-h</a> | 16456U                     | 5.6              | 80.6   | Quick Response Model M Plain Barrel Dry HSW, Standard Orifice, 25 mm BSP  | 175 psi                 |
| VK176   | <a href="#">105a-f</a> | 08383U                     | 5.6              | 80.6   | Quick Response Model M Adjustable Standard Dry Pendent, Standard Orifice, 1" NPT  | 175 psi                 |
| VK176   | <a href="#">105a-f</a> | 16457U                     | 5.6              | 80.6   | Quick Response Model M Adjustable Standard Dry Pendent, Standard Orifice, 25 mm BSP   | 175 psi                 |
| VK177   | <a href="#">105h-n</a> | 13249U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Adjustable Standard Dry Pendent, Large Orifice, 1" NPT   | 175 psi                 |
| VK177   | <a href="#">105h-n</a> | 13252U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Adjustable Standard Dry Pendent, Large Orifice, 25 mm BSP  | 175 psi                 |
| VK178   | <a href="#">106a-h</a> | 08384U                     | 5.6              | 80.6   | Quick Response Model M Adjustable Standard Dry Horizontal Sidewall, Standard Orifice, 1" NPT                                      | 175 psi                 |
| VK178   | <a href="#">106a-h</a> | 16458U                     | 5.6              | 80.6   | Quick Response Model M Adjustable Standard Dry Horizontal Sidewall, Standard Orifice, 25 mm BSP                                   | 175 psi                 |
| VK180   | <a href="#">105a-d</a> | 08385U                     | 5.6              | 80.6   | Quick Response Model M Adjustable Recessed Dry Pendent, Standard Orifice, 1" NPT  | 175 psi                 |
| VK180   | <a href="#">105a-d</a> | 16453U                     | 5.6              | 80.6   | Quick Response Model M Adjustable Recessed Dry Pendent, Standard Orifice, 25 mm BSP   | 175 psi                 |
| VK181   | <a href="#">105h-n</a> | 13250U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Adjustable Recessed Dry Pendent, Large Orifice, 1" NPT   | 175 psi                 |
| VK181   | <a href="#">105h-n</a> | 13253U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Adjustable Recessed Dry Pendent, Large Orifice, 25 mm BSP  | 175 psi                 |
| VK182   | <a href="#">106a-h</a> | 08386U                     | 5.6              | 80.6   | Quick Response Model M Adjustable Recessed Dry Horizontal Sidewall, Standard Orifice, 1" NPT                                      | 175 psi                 |
| VK182   | <a href="#">106a-h</a> | 16454U                     | 5.6              | 80.6   | Quick Response Model M Adjustable Recessed Dry Horizontal Sidewall, Standard Orifice, 25 mm BSP                                   | 175 psi                 |
| VK184   | <a href="#">107a-d</a> | 08417UA                    | 5.6              | 80.6   | Quick Response Model M Dry Upright, Standard Orifice, 1" NPT  | 175 psi                 |
| VK186   | <a href="#">108a-f</a> | 10541U                     | 5.6              | 80.6   | Standard Response/Quick Response Extended Coverage Model M Adjustable Recessed Dry Pendent, Standard Orifice, 1" NPT or 25 mm BSP | 175 psi                 |
| VK188   | <a href="#">109a-f</a> | 10542U                     | 5.6              | 80.6   | Standard Response/Quick Response Extended Coverage Model M Adjustable Recessed Dry Horizontal Sidewall, Standard Orifice, 1" NPT  | 175 psi                 |
| VK190-D | <a href="#">104a-e</a> | 12421UA                    | 5.6              | 80.6   | Standard Response Dry Domed Concealed Pendent, Standard Orifice, 1" NPT   | 175 psi                 |
| VK190-D | <a href="#">104a-e</a> | 12429UA                    | 5.6              | 80.6   | Standard Response Dry Domed Concealed Pendent, Standard Orifice, 25 mm BSP  | 175 psi                 |
| VK192-D | <a href="#">103g-u</a> | 12424UA                    | 8.0              | 115.2  | Standard Response Dry Domed Concealed Pendent, Large Orifice, 1" NPT  | 175 psi                 |
| VK192-D | <a href="#">103g-u</a> | 12432UA                    | 8.0              | 115.2  | Standard Response Dry Domed Concealed Pendent, Large Orifice, 25 mm BSP   | 175 psi                 |
| VK194-D | <a href="#">104j-n</a> | 12422UA                    | 5.6              | 80.6   | Quick Response Dry Domed Concealed Pendent, Standard Orifice, 1" NPT  | 175 psi                 |
| VK194-D | <a href="#">104j-n</a> | 12430UA                    | 5.6              | 80.6   | Quick Response Dry Domed Concealed Pendent, Standard Orifice, 25 mm BSP   | 175 psi                 |
| VK196-D | <a href="#">108i-o</a> | 12423UA                    | 5.6              | 80.6   | Standard/QR EC Dry Domed Concealed Pendent, Standard Orifice, 1" NPT  | 175 psi                 |
| VK196-D | <a href="#">108i-o</a> | 12431UA                    | 5.6              | 80.6   | Standard/QR EC Dry Domed Concealed Pendent, Standard Orifice, 25 mm BSP   | 175 psi                 |
| VK200   | <a href="#">11q-v</a>  | 10141                      | 8.0              | 115.2  | Standard Response Model M Upright, Large Orifice, 3/4" NPT  | 175 psi                 |
| VK200   | <a href="#">11q-v</a>  | 10169                      | 8.0              | 115.2  | Standard Response Model M Upright, Large Orifice, 20 mm BSP   | 175 psi                 |
| VK200   | N/A                    | 10190                      | 8.0              | 115.2  | Standard Response Model M Upright, Large Orifice, 15 mm BSP (discontinued product)  | 175 psi                 |
| VK200   | <a href="#">11q-v</a>  | 10220                      | 8.0              | 115.2  | Standard Response Model M Upright, Large Orifice, 1/2" NPT  | 175 psi                 |
| VK202   | <a href="#">11a-h</a>  | 10142                      | 8.0              | 115.2  | Standard Response Model M Pendent, Large Orifice, 3/4" NPT  | 175 psi                 |
| VK202-D | <a href="#">11i-o</a>  | 10142A-X                   | 8.0              | 115.2  | Standard Response Domed Concealed Pendent, Large Orifice, 3/4" NPT  | 175 psi                 |
| VK202   | <a href="#">11a-h</a>  | 10170                      | 8.0              | 115.2  | Standard Response Model M Pendent, Large Orifice, 20 mm BSP   | 175 psi                 |
| VK202   | N/A                    | 10187                      | 8.0              | 115.2  | Standard Response Model M Pendent, Large Orifice, 15 mm BSP (discontinued product)  | 175 psi                 |
| VK202   | <a href="#">11a-h</a>  | 10223                      | 8.0              | 115.2  | Standard Response Model M Pendent, Large Orifice, 1/2" NPT  | 175 psi                 |
| VK202   | N/A                    | 12105                      | 8.0              | 115.2  | Standard Response Model M Pendent, Large Orifice, 3/4" NPT (discontinued product)   | 175 psi                 |
| VK204   | <a href="#">18a-f</a>  | 05514                      | 8.0              | 115.2  | Standard Response Model M Fusible Link Upright, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK204   | <a href="#">18a-f</a>  | 05576                      | 8.0              | 115.2  | Standard Response Model M Fusible Link Upright, Large Orifice, 1/2" NPT   | 175 psi                 |
| VK206   | <a href="#">18a-f</a>  | 05578                      | 8.0              | 115.2  | Standard Response Model M Fusible Link Pendent, Large Orifice, 1/2" NPT   | 175 psi                 |
| VK206   | <a href="#">18a-f</a>  | 05516                      | 8.0              | 115.2  | Standard Response Model M Fusible Link Pendent, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK210   | <a href="#">125a-g</a> | 09227                      | 8.0              | 115.2  | Special Response Upright, Large Orifice, 3/4" NPT (discontinued product)  | 175 psi                 |
| VK212   | <a href="#">125a-g</a> | 09228                      | 8.0              | 115.2  | Special Response Pendent, Large Orifice, 3/4" NPT (discontinued product)  | 175 psi                 |
| VK214   | <a href="#">125a-g</a> | 09229                      | 8.0              | 115.2  | Special Response Conventional, Large Orifice, 3/4" NPT (discontinued product)   | 175 psi                 |
| VK250   | <a href="#">102s-z</a> | 13173U                     | 8.0              | 115.2  | Standard Response Ordinary Hazard Plain Barrel Dry HSW, Large Orifice, 1" NPT   | 175 psi                 |
| VK250   | <a href="#">102s-z</a> | 13179U                     | 8.0              | 115.2  | Standard Response Ordinary Hazard Plain Barrel Dry HSW, Large Orifice, 25 mm BSP  | 175 psi                 |
| VK252   | <a href="#">102s-z</a> | 13172U                     | 8.0              | 115.2  | Standard Response Ordinary Hazard Adjustable Standard Dry HSW, Large Orifice, 1" NPT  | 175 psi                 |

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| SIN*    | Technical Data Page(s)                        | Sprinkler Base Part Number | Nominal K-Factor |        | Sprinkler Model and Type  | Maximum Pressure Rating |
|---------|---|----------------------------|------------------|--------|---|-------------------------|
|         |   |                            | U.S.             | metric |   |                         |
| VK252   | <a href="#">102s-z</a>                        | 13178U                     | 8.0              | 115.2  | Standard Response Ordinary Hazard Adjustable Standard Dry HSW, Large Orifice, 25 mm BSP           | 175 psi                 |
| VK254   | <a href="#">102s-z</a>                        | 13174U                     | 8.0              | 115.2  | Standard Response Ordinary Hazard Adjustable Recessed Dry HSW, Large Orifice, 1" NPT              | 175 psi                 |
| VK254   | <a href="#">102s-z</a>                        | 13180U                     | 8.0              | 115.2  | Standard Response Ordinary Hazard Adjustable Recessed Dry HSW, Large Orifice, 25 mm BSP           | 175 psi                 |
| VK275   | <a href="#">106s-z</a>                        | 13170U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Plain Barrel Dry HSW, 1" NPT                                       | 175 psi                 |
| VK275   | <a href="#">106s-z</a>                        | 13176U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Plain Barrel Dry HSW, 25 mm BSP                                    | 175 psi                 |
| VK277   | <a href="#">106s-z</a>                        | 13169u                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Adjustable Standard Dry HSW, 1" NPT                                | 175 psi                 |
| VK277   | <a href="#">106s-z</a>                        | 13175U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Adjustable Standard Dry HSW, 25 mm BSP                             | 175 psi                 |
| VK279   | <a href="#">106s-z</a>                        | 13171U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Adjustable Recessed Dry HSW, 1" NPT                                | 175 psi                 |
| VK279   | <a href="#">106s-z</a>                        | 13177U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Adjustable Recessed Dry HSW, 25 mm BSP                             | 175 psi                 |
| VK282   | <a href="#">105p-u</a>                        | 13254U                     | 8.0              | 115.2  | Quick Response Plain Barrel Dry Pendent Fusible Link, Large Orifice, 1" NPT                       | 175 psi                 |
| VK282   | <a href="#">105p-u</a>                        | 13257U                     | 8.0              | 115.2  | Quick Response Plain Barrel Dry Pendent Fusible Link, Large Orifice, 25 mm BSP                    | 175 psi                 |
| VK284   | <a href="#">107o-t</a>                        | 13239U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Plain Barrel Dry HSW Fusible Link, Large Orifice, 1" NPT           | 175 psi                 |
| VK284   | <a href="#">107o-t</a>                        | 13242U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Plain Barrel Dry HSW Fusible Link, Large Orifice, 25 mm BSP        | 175 psi                 |
| VK286   | <a href="#">105p-u</a>                        | 13255U                     | 8.0              | 115.2  | Quick Response Adjustable Standard Dry Pendent Fusible Link, Large Orifice, 1" NPT                | 175 psi                 |
| VK286   | <a href="#">105p-u</a>                        | 13258U                     | 8.0              | 115.2  | Quick Response Adjustable Standard Dry Pendent Fusible Link, Large Orifice, 25 mm BSP             | 175 psi                 |
| VK288   | <a href="#">107o-t</a>                        | 13240U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Adjustable Standard Dry HSW Fusible Link, Large Orifice, 1" NPT    | 175 psi                 |
| VK288   | <a href="#">107o-t</a>                        | 13243U                     | 8.0              | 115.2  | Quick Response Adjustable Standard Dry Pendent Fusible Link, Large Orifice, 25 mm BSP             | 175 psi                 |
| VK290   | <a href="#">105p-u</a>                        | 13256U                     | 8.0              | 115.2  | Quick Response Adjustable Recessed Dry Pendent Fusible Link, Large Orifice, 1" NPT                | 175 psi                 |
| VK290   | <a href="#">105p-u</a>                        | 13259U                     | 8.0              | 115.2  | Quick Response Adjustable Recessed Dry Pendent Fusible Link, Large Orifice, 25 mm BSP             | 175 psi                 |
| VK292   | <a href="#">107o-t</a>                        | 13241U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Adjustable Recessed Dry HSW Fusible Link, Large Orifice, 1" NPT    | 175 psi                 |
| VK292   | <a href="#">107o-t</a>                        | 13244U                     | 8.0              | 115.2  | Quick Response Ordinary Hazard Adjustable Recessed Dry HSW Fusible Link, Large Orifice, 25 mm BSP | 175 psi                 |
| VK300   | <a href="#">51a-e</a>   <a href="#">41u-z</a> | 06661B and 12978           | 5.6              | 80.6   | Quick Response Model M Upright, Standard Orifice, ½" NPT  | 175 psi                 |
| VK301   | <a href="#">47a-f</a>                         | 12279 and 17535            | 5.6              | 80.6   | Quick Response Fusible Element Upright, Standard Orifice, ½" NPT                                  | 175 psi                 |
| VK302   | <a href="#">41a-f</a>   <a href="#">41u-z</a> | 06662B and 12979           | 5.6              | 80.6   | Quick Response Model M Pendent, Standard Orifice, ½" NPT  | 175 psi                 |
| VK302-D | <a href="#">41g-l</a>                         | 06662BA-X                  | 5.6              | 80.6   | Standard/Quick Response Domed Concealed Pendent, Standard Orifice, ½" NPT                         | 175 psi                 |
| VK303   | <a href="#">47a-f</a>                         | 12275 and 17536            | 5.6              | 80.6   | Quick Response Fusible Element Pendent, Standard Orifice, ½" NPT                                  | 175 psi                 |
| VK304   | <a href="#">43u-z</a>                         | 12982                      | 5.6              | 80.6   | Quick Response Model M Horizontal Sidewall, Standard Orifice, ½" NPT                              | 175 psi                 |
| VK305   | <a href="#">43a-f</a>   <a href="#">43u-z</a> | 12121 and 12997            | 5.6              | 80.6   | Model M-5 Quick Response Horizontal Sidewall, ½" NPT  | 175 psi                 |
| VK306   | <a href="#">52e-h</a>                         | 06727B                     | 5.6              | 80.6   | Quick Response Model M Vertical Sidewall, Standard Orifice, ½" NPT                                | 175 psi                 |
| VK307   | <a href="#">52o-t</a>   <a href="#">52u-z</a> | 13947 and 13948            | 5.6              | 80.6   | Quick Response Fusible Element Horizontal Sidewall, ½" NPT  | 175 psi                 |
| VK308   | <a href="#">52o-t</a>   <a href="#">43h-m</a> | 13949 and 13950            | 5.6              | 80.6   | Quick Response Fusible Element HSW, Standard Orifice, ½" NPT                                      | 175 psi                 |
| VK309   | <a href="#">50a-d</a>                         | 13951                      | 5.6              | 80.6   | Quick Response Fusible Element VSW, Standard Orifice, ½" NPT                                      | 175 psi                 |
| VK310   | <a href="#">51a-e</a>                         | 06766B                     | 5.6              | 80.6   | Quick Response Model M Conventional, Standard Orifice, ½" NPT                                     | 175 psi                 |
| VK311   | <a href="#">51h-k</a>                         | 13952                      | 5.6              | 80.6   | Quick Response Fusible Element Conventional, Standard Orifice, ½" NPT                             | 175 psi                 |
| VK315   | <a href="#">51a-e</a>                         | 12281                      | 5.6              | 80.6   | HP Quick Response Model M Upright, Standard Orifice, ½" NPT                                       | 250 psi                 |
| VK316   | <a href="#">51h-k</a>                         | 13953                      | 5.6              | 80.6   | Quick Response Fusible Element Upright, Standard Orifice, 1/2" NPT                                | 250 psi                 |
| VK317   | <a href="#">41a-f</a>                         | 12282                      | 5.6              | 80.6   | HP Quick Response Model M Pendent, Standard Orifice, ½" NPT                                       | 250 psi                 |
| VK318   | <a href="#">40a-f</a>                         | 13954                      | 5.6              | 80.6   | HP Quick Response Fusible Element Pendent, Standard Orifice, ½" NPT                               | 250 psi                 |
| VK319   | <a href="#">43a-f</a>                         | 12285                      | 5.6              | 80.6   | HP Model M-5 Quick Response Horizontal Sidewall, ½" NPT   | 250 psi                 |
| VK320   | <a href="#">43h-m</a>                         | 13955                      | 5.6              | 80.6   | Quick Response Fusible Element HSW, Standard Orifice, ½" NPT                                      | 175 psi                 |
| VK325   | <a href="#">51a-e</a>                         | 06717B                     | 2.8              | 40.3   | Quick Response Model M Upright, Small Orifice, ½" NPT   | 175 psi                 |
| VK326   | <a href="#">42h-m</a>   <a href="#">51h-k</a> | 13956 and 13957            | 2.8              | 40.3   | Quick Response Fusible Element Upright, Small Orifice, ½" NPT                                     | 175 psi                 |
| VK327   | <a href="#">51a-e</a>                         | 06931B                     | 4.2              | 57     | Quick Response Model M Upright, Small Orifice, 10 mm BSP  | 175 psi                 |
| VK327   | <a href="#">51a-e</a>                         | 06719B                     | 4.2              | 57     | Quick Response Model M Upright, Small Orifice, ½" NPT   | 175 psi                 |
| VK328   | <a href="#">51h-k</a>                         | 13958                      | 4.2              | 57     | Quick Response Upright, Small Orifice, 1/2" NPT   | 175 psi                 |
| VK329   | <a href="#">41a-f</a>   <a href="#">41u-z</a> | 06718B and 12981           | 2.8              | 40.3   | Quick Response Model M Pendent, Small Orifice, ½" NPT   | 175 psi                 |

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| SIN*    | Technical Data Page(s) |       | Sprinkler Base Part Number | Nominal K-Factor |        | Sprinkler Model and Type  | Maximum Pressure Rating |
|---------|------------------------|-------|----------------------------|------------------|--------|---|-------------------------|
|         |                        |       |                            | U.S.             | metric |   |                         |
| VK330   | 42h-m                  | 40a-f | 13959 and 13960            | 2.8              | 40.3   | Quick Response Fusible Element Pendent, Small Orifice, ½" NPT   | 175 psi                 |
| VK331   | 41a-f                  |       | 06932B                     | 4.2              | 57     | Quick Response Model M Pendent, Small Orifice, 10 mm BSP  | 175 psi                 |
| VK331   | 41a-f                  |       | 06720B                     | 4.2              | 57     | Quick Response Model M Pendent, Small Orifice, ½" NPT   | 175 psi                 |
| VK332   | 40a-f                  |       | 13961                      | 4.2              | 57     | Quick Response Fusible Element Pendent, Small Orifice, ½" NPT   | 175 psi                 |
| VK333   | 52a-f                  |       | 10035                      | 2.8              | 40.3   | Quick Response Model M Horizontal Sidewall, Small Orifice, ½" NPT   | 175 psi                 |
| VK334   | 52u-z                  |       | 13962                      | 2.8              | 40.3   | Quick Response Fusible Element Horizontal Sidewall, Small Orifice, 1/2" NPT   | 175 psi                 |
| VK335   | 72a-d                  |       | 08983                      | 4.2              | 57     | Quick Response Model M Horizontal Sidewall, Small Orifice, 10 mm BSP  | 175 psi                 |
| VK337   | 52e-h                  |       | 08985                      | 4.2              | 57     | Quick Response Model M Vertical Sidewall, Small Orifice, 10 mm BSP  | 175 psi                 |
| VK338   | 46a-d                  |       | 14692                      | 5.6              | 80.6   | Quick Response Stainless Steel Upright, Standard Orifice, ½" NPT  | 175 psi                 |
| VK339   | 46a-d                  |       | 14693                      | 5.6              | 80.6   | Quick Response Stainless Steel Pendent, Standard Orifice, ½" NPT  | 175 psi                 |
| VK340   | 51a-e                  |       | 12286                      | 2.8              | 40.3   | HP Quick Response Model M Upright, Small Orifice, ½" NPT  | 250 psi                 |
| VK341   | 51h-k                  |       | 13963                      | 2.8              | 40.3   | Quick Response Upright, Small Orifice, 1/2" NPT   | 250 psi                 |
| VK342   | 41a-f                  |       | 12290                      | 2.8              | 40.3   | HP Quick Response Model M Pendent, Small Orifice, ½" NPT  | 250 psi                 |
| VK343   | 40a-f                  |       | 13964                      | 2.8              | 40.3   | HP Quick Response Fusible Element Pendent, Small Orifice, ½" NPT  | 250 psi                 |
| VK344   | 52a-f                  |       | 12287                      | 2.8              | 40.3   | HP Quick Response Model M Horizontal Sidewall, Small Orifice, ½" NPT  | 250 psi                 |
| VK345   | 51a-e                  | 41u-z | 07060 and 12984            | 5.6              | 80.6   | Quick Response Model M Upright, Standard Orifice, 15 mm BSP   | 175 psi                 |
| VK346   | 52u-z                  |       | 13965                      | 2.8              | 40.3   | HP Quick Response Fusible Element Horizontal Sidewall, Small Orifice, 1/2" NPT  | 250 psi                 |
| VK350   | 51a-e                  |       | 06665B                     | 8.0              | 115.2  | Quick Response Model M Upright, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK350   | 51a-e                  |       | 14817                      | 8.0              | 115.2  | Quick Response Model M Upright, Large Orifice, 20 mm BSP  | 175 psi                 |
| VK350   | 51a-e                  |       | 06764B                     | 8.0              | 115.2  | Quick Response Model M Upright, Large Orifice, ½" NPT   | 175 psi                 |
| VK351   | 51h-k                  |       | 13976                      | 8.0              | 115.2  | Quick Response Fusible Element Upright, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK352   | 41a-f                  |       | 06666B                     | 8.0              | 115.2  | Quick Response Model M Pendent, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK352-D | 41q-l                  |       | 06666BA-X                  | 8.0              | 115.2  | Standard/Quick Response Domed Concealed Pendent, Large Orifice, 3/4" NPT  | 175 psi                 |
| VK352   | 41a-f                  |       | 06765B                     | 8.0              | 115.2  | Quick Response Model M Pendent, Large Orifice, ½" NPT   | 175 psi                 |
| VK352   | N/A                    |       | 12104                      | 8.0              | 115.2  | Quick Response Model M Pendent, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK353   | 40a-f                  |       | 13975                      | 8.0              | 115.2  | Quick Response Fusible Element Pendent, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK353   | 42o-s                  |       | 13975A-X                   | 8.0              | 115.2  | Quick Response Concealed Fusible Element Pendent, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK354   | 51a-e                  |       | 06768B                     | 8.0              | 115.2  | Quick Response Model M Conventional, Large Orifice, 3/4" NPT  | 175 psi                 |
| VK355   | 51h-k                  |       | 13979                      | 8.0              | 115.2  | Quick Response Fusible Element Conventional, Large Orifice, 3/4" NPT  | 175 psi                 |
| VK360   | 43o-t                  |       | 15591                      | 8.0              | 115.2  | Quick Response Horizontal Sidewall, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK375   | N/A                    |       | 08338                      | 11.2             | 161.3  | Quick Response Model M ELO Upright, Extra-Large Orifice, 3/4 NPT (discontinued product)                                       | 175 psi                 |
| VK377   | 70a-e                  |       | 08337                      | 11.2             | 161.3  | Quick Response Model M ELO Pendent, (Special Application), 3/4" NPT   | 175 psi                 |
| VK400   | 16a-d                  |       | 06697B                     | 5.6              | 80.6   | Standard Response Model H Fusible Link Flush Pendent, Std. Orifice, ½" NPT  | 175 psi                 |
| VK401   | N/A                    |       | 07937                      | 5.6              | 80.6   | Standard Response Model H Fusible Link Flush Pendent, Std. Orifice, ½" NPT (discontinued product)                             | 175 psi                 |
| VK402   | 53a-d                  |       | 06702B                     | 5.6              | 80.6   | Quick Response Model H-1 Fusible Link Flush Pendent, Standard Orifice, ½" NPT   | 175 psi                 |
| VK403   | N/A                    |       | 10741                      | 5.6              | 80.6   | Quick Response Model H-4 Fusible Link Flush Horizontal Sidewall, Standard Orifice, ½" NPT (discontinued product)              | 175 psi                 |
| VK404   | 20a-e                  | 57a-f | 09783A                     | 5.6              | 80.6   | Standard Response/Quick Response Model B-2 Fusible Link Concealed Pendent, Standard Orifice, ½" NPT                           | 175 psi                 |
| VK405   | 20a-e                  | 57a-f | 09782A                     | 5.6              | 80.6   | HP Standard Response/Quick Response Model B-2 Fusible Link Concealed Pendent, Standard Orifice, ½" NPT (discontinued product) | 250 psi                 |
| VK406   | N/A                    |       | 10491A                     | 8.0              | 115.2  | Quick Response Model B-2 Fusible Link Concealed Pendent, Lrg. Orifice, ½" NPT (discontinued product)                          | 175 psi                 |
| VK406   | N/A                    |       | 10681A                     | 8.0              | 115.2  | Quick Response Model B-2 Fusible Link Concealed Pendent, Large Orifice, 3/4" NPT (discontinued product)                       | 175 psi                 |
| VK407   | N/A                    |       | 08617A                     | 5.5              | 80.6   | LPCB Approved Model B-1 Concealed Sprinkler (discontinued product)  | 175 psi                 |
| VK408   | 63a-e                  |       | 11262A                     | 5.6              | 80.6   | Quick Response Concealed Horizontal Sidewall Sprinkler, Std. Orifice, ½" NPT (discontinued product)                           | 175 psi                 |
| VK410   | 126a-h                 |       | 10554                      | 5.6              | 80.6   | Quick Response Model HQR-2 Fusible Link Flush Pendent,  | 175 psi                 |
| VK412   | 126k-q                 |       | 10579                      | 5.6              | 80.6   | Quick Response Model HQR-2 Fusible Link Flush Horizontal Sidewall, Standard Orifice, ½" NPT                                   | 175 psi                 |
| VK413   | 53a-d                  |       | 11487                      | 5.6              | 80.6   | Quick Response Model H Fusible Link Flush Pendent, Standard Orifice, ½" NPT   | 175 psi                 |
| VK416   | N/A                    |       | 11600A                     | 4.2              | 60     | Quick Response Concealed Pendent, ½" NPT (discontinued product)   | 175 psi                 |
| VK420   | 145a-b                 |       | 09458                      | 3.8              | 54.8   | Residential Model H-3 Fusible Link Flush Pendent, ½" NPT  | 175 psi                 |
| VK421   | N/A                    |       | 06858B                     | 5.5              | 80.6   | Residential Model H Fusible Link Flush Pendent, ½" NPT (discontinued product)   | 175 psi                 |
| VK425   | N/A                    |       | 10784A                     | 4.1              | 59.1   | Residential Model B-3 Fusible Link Flush Concealed, ½" NPT (discontinued product)   | 175 psi                 |
| VK430   | 140a-c                 |       | 09530                      | 4.3              | 62.0   | Residential Model M-4 Pendent, ½" NPT   | 175 psi                 |
| VK432   | N/A                    |       | 10050                      | 5.5              | 79.3   | Residential Model M-5 Pendent, ½" NPT (discontinued product)  | 175 psi                 |
| VK434   | N/A                    |       | 10149                      | 3.1              | 44.7   | Residential Model M-6 Pendent, ½" NPT (discontinued product)  | 175 psi                 |
| VK436   | N/A                    |       | 12166                      | 5.2              | 75.0   | Residential Pendent, ½" NPT (discontinued product)  | 175 psi                 |
| VK436   | N/A                    |       | 12166A-X                   | 5.2              | 75.0   | Residential Domed Concealed Pendent, ½" NPT (discontinued product)  | 175 psi                 |
| VK438   | N/A                    |       | 12224                      | 4.9              | 70.6   | Residential Pendent, ½" NPT (discontinued product)  | 175 psi                 |
| VK438   | N/A                    |       | 12224A-X                   | 4.9              | 70.6   | Residential Domed Concealed Pendent, ½" NPT (discontinued product)  | 175 psi                 |
| VK440   | N/A                    |       | 09787                      | 4.3              | 62.0   | Residential Model M-4 Horizontal Sidewall, ½" NPT (discontinued product)  | 175 psi                 |
| VK442   | N/A                    |       | 12119                      | 5.5              | 79.3   | Residential Model M-5 Horizontal Sidewall, ½" NPT (discontinued product)  | 175 psi                 |



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| SIN*   | Technical Data Page(s)                        | Sprinkler Base Part Number | Nominal K-Factor |        | Sprinkler Model and Type  | Maximum Pressure Rating |
|--------|---|----------------------------|------------------|--------|---|-------------------------|
|        |   |                            | U.S.             | metric |   |                         |
| VK444  | N/A   | 10210                      | 3.7              | 53.3   | Residential Model M-7 Horizontal Sidewall, ½" NPT (discontinued product)                    | 175 psi                 |
| VK446  | N/A   | 06769B                     | 5.5              | 79.3   | Quick Response Light Hazard Horizontal Sidewall Sprinkler, 13 mm BSP (discontinued product) | 175 psi                 |
| VK446  | <a href="#">41o-s</a>                         | 10037                      | 5.6              | 80.6   | Quick Response Light Hazard Horizontal Sidewall Sprinkler, 13 mm BSP (discontinued product) | 175 psi                 |
| VK448  | N/A   | 11810                      | 4.3              | 62.0   | Residential Horizontal Sidewall, ½" NPT (discontinued product)                              | 175 psi                 |
| VK450  | <a href="#">143m-t</a>                        | 12357                      | 4.2              | 57     | Residential Horizontal Sidewall Sprinkler VK450 (K4.2) (discontinued product)               | 175 psi                 |
| VK454  | <a href="#">20a-e</a>   <a href="#">57a-f</a> | 12292                      | 5.6              | 80.6   | HP Quick Response Model B-2 Fusible Link Concealed Pendant, ½" NPT                          | 250 psi                 |
| VK456  | N/A   | 13620A                     | 4.9              | 70.6   | Residential Fusible Link Concealed Pendant, ½" NPT (discontinued product)                   | 175 psi                 |
| VK4560 | N/A   | 106871AJ                   | 4.9              | 70.6   | Residential Fusible Link Concealed Lead Free Pendant, ½" NPT (discontinued product)         | 175 psi                 |
| VK457  | <a href="#">147u-z</a>                        | 14694A                     | 4.9              | 70.6   | Residential Fusible Element Concealed Pendant, ½" NPT                                       | 175 psi                 |
| VK4570 | <a href="#">151h-m</a>                        | 16872AC                    | 4.9              | 70.6   | Residential Fusible Element Concealed Lead Free Pendant, ½" NPT                             | 175 psi                 |
| VK458  | <a href="#">140u-z</a>                        | 13230                      | 7.4              | 106.7  | Residential Pendant, 3/4" NPT   | 175 psi                 |
| VK458  | <a href="#">142u-z</a>                        | 13230ABX                   | 7.4              | 106.7  | Residential Domed Concealed Pendant, 3/4" NPT   | 175 psi                 |
| VK460  | <a href="#">152a-h</a>                        | 13933                      | 5.8              | 83.6   | Residential Horizontal Sidewall, ½" NPT   | 175 psi                 |
| VK461  | <a href="#">54h-l</a>                         | 13831A                     | 2.8              | 40.3   | Standard/Quick Response Concealed Pendant, Small Orifice, ½" NPT                            | 175 psi                 |
| VK461  | <a href="#">140a-c</a>                        | 14927                      | 2.8              | 40.3   | Adjustable Concealed Sprinkler Assembly, 1" NPT Male Connection                             | 175 psi                 |
| VK461  | <a href="#">140a-c</a>                        | 14928                      | 2.8              | 40.3   | Adjustable Concealed Sprinkler Assembly, 1" NPT Female Connection                           | 175 psi                 |
| VK462  | <a href="#">54a-e</a>                         | 13503A                     | 5.6              | 80.6   | Quick Response Concealed Pendant, Standard Orifice, ½" NPT                                  | 175 psi                 |
| VK462  | <a href="#">54p-t</a>                         | 15480A                     | 5.6              | 80.6   | Quick Response Concealed Pendant MRI, Standard Orifice, ½" NPT                              | 175 psi                 |
| VK462  | <a href="#">140a-c</a>                        | 14918                      | 5.6              | 80.6   | Adjustable Concealed Sprinkler Assembly, 1" NPT Male Connection                             | 175 psi                 |
| VK462  | <a href="#">140a-c</a>                        | 14919                      | 5.6              | 80.6   | Adjustable Concealed Sprinkler Assembly, 1" NPT Female Connection                           | 175 psi                 |
| VK462  | <a href="#">136q-i</a>                        | 13642/CR                   | 5.6              | 80.6   | Cleanroom Sprinkler (Cover Assembly)  | 175 psi                 |
| VK463  | <a href="#">54a-e</a>                         | 13667A                     | 5.6              | 80.6   | HP Quick Response Concealed Pendant, Standard Orifice, ½" NPT                               | 250 psi                 |
| VK464  | <a href="#">55a-d</a>                         | 13614A                     | 8.0              | 115.2  | Quick Response Concealed Pendant, Large Orifice, 3/4" NPT                                   | 175 psi                 |
| VK464  | <a href="#">54p-t</a>                         | 15481A                     | 8.0              | 115.2  | Quick Response Concealed Pendant MRI, Large Orifice, 3/4" NPT                               | 175 psi                 |
| VK465  | <a href="#">64a-e</a>                         | 14262A                     | 4.2              | 57     | Quick Response Concealed Pendant, Small Orifice, 1/2" NPT                                   | 175 psi                 |
| VK465  | <a href="#">140a-c</a>                        | 14929                      | 4.2              | 57     | Adjustable Concealed Sprinkler Assembly, 1" NPT Male Connection                             | 175 psi                 |
| VK465  | <a href="#">140a-c</a>                        | 14930                      | 4.2              | 57     | Adjustable Concealed Sprinkler Assembly, 1" NPT Female Connection                           | 175 psi                 |
| VK466  | <a href="#">141j-p</a>                        | 13781                      | 5.2              | 74.9   | Residential Pendant, 1/2" NPT   | 175 psi                 |
| VK466  | <a href="#">141r-w</a>                        | 13781A-X                   | 5.2              | 74.9   | Residential Concealed Pendant, 1/2" NPT   | 175 psi                 |
| VK468  | <a href="#">149m-t</a>                        | 13637                      | 4.9              | 70.6   | Residential Pendant, ½" NPT   | 175 psi                 |
| VK467  | <a href="#">158a-e</a>                        | 19154                      | 4.9              | 70.6   | Residential Upright, ½" NPT   | 175 psi                 |
| VK4670 | <a href="#">F_061314</a>                      | 19442                      | 4.9              | 70.6   | Residential Lead Free Upright, ½" NPT   | 175 psi                 |
| VK4680 | <a href="#">152h-o</a>                        | 16876                      | 4.9              | 70.6   | Residential Lead Free Pendant, ½" NPT   | 175 psi                 |
| VK468  | <a href="#">150u-z</a>                        | 13637A-X                   | 4.9              | 70.6   | Residential Concealed Pendant, ½" NPT   | 175 psi                 |
| VK469  | <a href="#">55o-s</a>                         | 15764A                     | 11.2             | 161.3  | Quick Response ELO Concealed Pendant, Extra Large Orifice, 3/4" NPT                         | 175 psi                 |
| VK470  | <a href="#">153q-i</a>                        | 17147                      | 3.0              | 43.2   | Residential Pendant, ½" NPT   | 175 psi                 |
| VK4700 | <a href="#">154u-x</a>                        | 17147                      | 3.0              | 43.2   | Residential Lead Free Pendant, ½" NPT   | 175 psi                 |
| VK472  | <a href="#">148o-r</a>                        | 16130                      | 5.8              | 83.6   | Residential Pendant, ½" NPT   | 175 psi                 |
| VK474  | <a href="#">148h-l</a>                        | 15790AC                    | 5.8              | 83.6   | Residential Concealed Pendant, ½" NPT   | 175 psi                 |
| VK476  | <a href="#">145h-m</a>                        | 15630MC/-                  | 4.9              | 70.6   | Residential Flush Pendant, ½" NPT   | 175 psi                 |
| VK480  | <a href="#">153a-f</a>                        | 16116AC                    | 4.0              | 57.7   | Residential Concealed Horizontal Sidewall, ½" NPT   | 175 psi                 |
| VK4800 | <a href="#">151q-v</a>                        | 16880AC                    | 4.0              | 57.7   | Residential Lead Free Concealed Horizontal Sidewall, ½" NPT                                 | 175 psi                 |
| VK481  | <a href="#">63h-l</a>                         | 17555A                     | 5.6              | 80.6   | Quick Response Concealed Horizontal Sidewall, ½" NPT  | 175psi                  |
| VK482  | <a href="#">111a-g</a>                        | 18385                      | 5.6              | 80.6   | Quick Response Flush Concealed Dry Pendant, 1" NPT  | 175psi                  |
| VK484  | <a href="#">144h-m</a>                        | 16240                      | 4.2              | 57     | Residential Horizontal Sidewall, ½" NPT   | 175 psi                 |
| VK4840 | <a href="#">144o-t</a>                        | 16881                      | 4.2              | 57     | Residential Lead Free Horizontal Sidewall, ½" NPT   | 175 psi                 |
| VK486  | <a href="#">156u-z</a>                        | 17315                      | 4.0              | 57.7   | Residential Horizontal Sidewall, ½" NPT   | 175 psi                 |
| VK488  | <a href="#">157a-e</a>                        | 18325                      | 3.0              | 43.2   | Freedom Residential Concealed Pendant, ½" NPT   | 175 psi                 |
| VK4880 | <a href="#">F_061214</a>                      | 18326                      | 3.0              | 43.2   | Freedom Residential Lead Free Concealed Pendant, ½" NPT                                     | 175 psi                 |
| VK500  | <a href="#">120a-f</a>                        | 10284                      | 14.0             | -      | Model S-1 ESFR Pendant, 3/4" NPT  | 175 psi                 |
| VK500  | <a href="#">120a-f</a>                        | 11350                      | -                | 202    | Model S-1 ESFR Pendant, 20 mm NPT   | 175 psi                 |
| VK500  | N/A   | 14779                      | 14.0             | -      | Model S-1 ESFR Pendant, 3/4" NPT (discontinued product)                                     | 175 psi                 |
| VK501  | <a href="#">122a-g</a>                        | 14909                      | 14.0             | 202    | ESFR Dry Pendant, 2" Grooved Connection (discontinued product)                              | 175 psi                 |
| VK501  | <a href="#">122a-g</a>                        | 14910                      | 14.0             | 202    | ESFR Dry Pendant, 1-1/2" NPT Threaded Connection (discontinued product)                     | 175 psi                 |
| VK501  | <a href="#">122a-g</a>                        | 14911                      | 14.0             | 202    | ESFR Dry Pendant, 1-1/2" BSP Threaded Connection (discontinued product)                     | 175 psi                 |
| VK502  | <a href="#">122j-g</a>                        | 042012                     | 14.0             | 202    | ESFR Dry Pendant, 2" Grooved Connection   | 175psi                  |
| VK502  | <a href="#">122j-g</a>                        | 042012                     | 14.0             | 202    | ESFR Dry Pendant, 1-1/2" NPT Threaded Connection  | 175psi                  |
| VK502  | <a href="#">122j-g</a>                        | 042012                     | 14.0             | 202    | ESFR Dry Pendant, 1-1/2" BSP Threaded Connection  | 175psi                  |
| VK503  | <a href="#">123a-f</a>                        | 14073                      | 16.8             | 242    | ESFR Pendant, 3/4" NPT  | 175 psi                 |
| VK503  | <a href="#">123a-f</a>                        | 14818                      | 16.8             | 242    | ESFR Pendant, 20 mm BSP   | 175 psi                 |
| VK504  | <a href="#">129a-h</a>                        | 19015                      | 16.8             | 242    | ESFR Dry Pendant, 1-1/2" Grooved Connection   | 175 psi                 |
| VK504  | <a href="#">129a-h</a>                        | 19016                      | 16.8             | 242    | ESFR Dry Pendant, 1-1/2" NPT Threaded Connection  | 175 psi                 |
| VK504  | <a href="#">129a-h</a>                        | 19017                      | 16.8             | 242    | ESFR Dry Pendant, 1-1/2" BSP Threaded Connection  | 175 psi                 |
| VK506  | <a href="#">128a-f</a>                        | 18493, 18494               | 22.4             | 320    | ESFR Pendant, 1" NPT, 25mm BSP  | 175 psi                 |
| VK510  | <a href="#">124a-f</a>                        | 12080 and 15221            | 25.2             | 363.3  | ESFR Pendant, 1" NPT (Part No. 15221 discontinued)  | 175 psi                 |
| VK510  | <a href="#">124a-f</a>                        | 12200 and 14958            | 25.2             | 363.3  | ESFR Pendant, 25 mm BSP (Part No. 14958 discontinued)                                       | 175 psi                 |
| VK520  | <a href="#">121a-e</a>                        | 10625                      | 14.0             | 202    | Model A-4 ESFR Upright, 3/4" NPT  | 175 psi                 |
| VK530  | <a href="#">13e-i</a>                         | 09679                      | 11.2             | 161.3  | Standard Response Model M ELO Upright (Special Application), 3/4" NPT                       | 175 psi                 |
| VK530  | <a href="#">13e-i</a>                         | 14819                      | 11.2             | 161.3  | Standard Response Model M ELO Upright (Special Application), 20 mm BSP                      | 175 psi                 |
| VK531  | <a href="#">70h-k</a>                         | 10633                      | 11.2             | 161.3  | Model M Quick Response ELO Upright (Special Application), 3/4" NPT                          | 175 psi                 |
| VK532  | <a href="#">83a-f</a>                         | 08687                      | 11.2             | 161.3  | Standard/Quick Response EC LH/OH Model M ELO Upright, 3/4" NPT                              | 175 psi                 |
| VK533  | <a href="#">70w-z</a>                         | 13978                      | 11.2             | 161.3  | Quick Response ELO Fusible Element Upright (Special Application), 3/4" NPT                  | 175 psi                 |
| VK534  | <a href="#">83a-f</a>                         | 08340                      | 11.2             | 161.3  | Standard and QR ECOH Model M ELO Pendant, 3/4" NPT  | 175 psi                 |
| VK535  | <a href="#">83o-t</a>                         | 14139                      | 11.2             | 161.3  | Standard and QR ECOH ELO Fusible Element Upright, 3/4" NPT                                  | 175 psi                 |
| VK536  | <a href="#">13e-i</a>                         | 07961                      | 11.2             | 161.3  | Standard Response Model M ELO Upr (Special Application) and Pdt, 3/4" NPT                   | 175 psi                 |
| VK536  | <a href="#">13e-i</a>                         | 14820                      | 11.2             | 161.3  | Standard Response Model M ELO Upr (Special Application) and Pdt, 20 mm BSP                  | 175 psi                 |

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| SIN*    | Technical Data Page(s) | Sprinkler Base Part Number | Nominal K-Factor |        | Sprinkler Model and Type   | Maximum Pressure Rating |
|---------|------------------------|----------------------------|------------------|--------|--|-------------------------|
|         |                        |                            | U.S.             | metric |  |                         |
| VK537   | <a href="#">83o-t</a>  | 14611                      | 11.2             | 161.3  | Standard and QR ECOH ELO Fusible Element Pendant, 3/4" NPT   | 175 psi                 |
| VK538   | <a href="#">89h-l</a>  | 17115A                     | 11.2             | 161.3  | EC/QREC OH Concealed Pendant, Extra-Large Orifice, 3/4" NPT  | 175 psi                 |
| VK540   | <a href="#">113a-e</a> | 13167                      | 11.2             | 161.3  | Model A-2 Standard Response High Challenge® Upright Large Drop, ELO, 3/4" NPT  | 175 psi                 |
| VK540   | <a href="#">113a-e</a> | 13166                      | 11.2             | 161.3  | Model A-2 Standard Response High Challenge® Upright Large Drop, ELO, 1/2" NPT  | 175 psi                 |
| VK550   | <a href="#">131a-e</a> | 10138--U<br>and 12986--U   | 5.6              | 80.6   | Standard Response Model M Upright Intermediate Level, Standard Orifice, 1/2" NPT   | 175 psi                 |
| VK551   | <a href="#">131a-e</a> | 12279--U                   | 5.6              | 80.6   | Quick Response Fusible Element Upright Intermediate Level, Standard Orifice, 1/2" NPT  | 175 psi                 |
| VK552   | <a href="#">131a-e</a> | 05557--U<br>and 12973--U   | 5.6              | 80.6   | Standard Response Model M Fusible Link Upright Intermediate Level, Standard Orifice, 1/2" NPT  | 175 psi                 |
| VK556   | <a href="#">131a-e</a> | 06661B--U<br>and 12978--U  | 5.6              | 80.6   | Quick Response Model M Upright Intermediate Level, Standard Orifice, 1/2" NPT  | 175 psi                 |
| VK558   | <a href="#">131a-e</a> | 12281--U                   | 5.6              | 80.6   | HP Quick Response Model M Upright Intermediate Level, Standard Orifice, 1/2" NPT   | 250 psi                 |
| VK560   | <a href="#">131a-e</a> | 10141--U                   | 8.0              | 115.2  | Standard Response Model M Upright Intermediate Level, Large Orifice, 3/4" NPT  | 175 psi                 |
| VK560   | <a href="#">131a-e</a> | 10220--U                   | 8.0              | 115.2  | Standard Response Model M Upright Intermediate Level, Large Orifice, 1/2" NPT  | 175 psi                 |
| VK562   | <a href="#">131a-e</a> | 05514--U                   | 8.0              | 115.2  | Standard Response Model M Fusible Link Upright Intermediate Level, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK566   | <a href="#">131a-e</a> | 06665B--U                  | 8.0              | 115.2  | Quick Response Model M Upright Intermediate Level, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK567   | <a href="#">131a-e</a> | 13976--U                   | 8.0              | 115.2  | Quick Response Model M Upright Intermediate Level, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK570   | <a href="#">83h-m</a>  | 13840                      | 14.0             | 202    | Extended Coverage Ordinary Hazard Upright, 3/4" NPT  | 175 psi                 |
| VK572   | <a href="#">83h-m</a>  | 13722                      | 14.0             | 202    | Extended Coverage Ordinary Hazard Pendant, 3/4" NPT  | 175 psi                 |
| VK580   | <a href="#">13a-d</a>  | 12739                      | 16.8             | 242.2  | Standard Response Upright, 3/4" NPT  | 175 psi                 |
| VK592   | <a href="#">114l-s</a> | 14243                      | 19.6             | 282.6  | Standard Response Pendant, 1" NPT  | 175 psi                 |
| VK592   | N/A                    | 15483                      | 19.6             | 282.6  | Standard Response Pendant, 1" NPT (discontinued product)   | 175 psi                 |
| VK592   | <a href="#">114l-s</a> | 15468                      | 19.6             | 282.6  | Standard Response Pendant, 25 mm BSP   | 175 psi                 |
| VK592   | N/A                    | 15484                      | 19.6             | 282.6  | Standard Response Pendant, 25 mm BSP (discontinued product)  | 175 psi                 |
| VK595   | <a href="#">124l-m</a> | 16859                      | 25.2             | 363.3  | EC Upright (Storage-Density/Area), 1" NPT  | 175 psi                 |
| VK595   | <a href="#">124l-m</a> | 16885                      | 25.2             | 363.3  | EC Upright (Storage-Density/Area), 25 mm BSP   | 175 psi                 |
| VK600   | <a href="#">81a-f</a>  | 06778B                     | 5.6              | 80.6   | Standard Response/Quick Response Model M Extended Coverage Pendant, Standard Orifice, 1/2" NPT   | 175 psi                 |
| VK601   | <a href="#">81h-l</a>  | 13969                      | 5.6              | 80.6   | Quick Response EC Fusible Element Pendant, Standard Orifice, 1/2" NPT  | 175 psi                 |
| VK602   | <a href="#">81a-f</a>  | 07077B                     | 8.0              | 115.2  | Standard Response/Quick Response Model M Extended Coverage Pendant, Large Orifice, 3/4" NPT  | 175 psi                 |
| VK603   | <a href="#">81h-l</a>  | 14140                      | 8.0              | 115.2  | Quick Response Extended Coverage Pendant, Large Orifice, 3/4" NPT  | 175 psi                 |
| VK604   | <a href="#">90e-i</a>  | 10335                      | 5.6              | 80.6   | Standard Response/Quick Response Model M-5 Extended Coverage Pendant, Standard Orifice, 1/2" NPT   | 175 psi                 |
| VK605   | <a href="#">91a-f</a>  | 12120                      | 5.6              | 80.6   | Model M-5 HSW (with EC, QREC, and Specific Application Listings), 1/2" NPT   | 175 psi                 |
| VK606   | <a href="#">82a-f</a>  | 13005                      | 8.0              | 115.2  | Standard Response/Quick Response Model M Extended Coverage Horizontal Sidewall, Large Orifice, 3/4" NPT  | 175 psi                 |
| VK607   | <a href="#">90v-z</a>  | 13970                      | 5.6              | 80.6   | Standard Response/Quick Response Extended Coverage Fusible Element Pendant, Standard Orifice, 1/2" NPT   | 175 psi                 |
| VK608   | <a href="#">85a-f</a>  | 08339                      | 11.2             | 161.3  | Standard Response/Quick Response Model M Extended Coverage Light Hazard Extra-Large Orifice Pendant, 3/4" NPT                                  | 175 psi                 |
| VK609   | <a href="#">91h-m</a>  | 13971                      | 5.6              | 80.6   | Standard Response/Quick Response Extended Coverage Fusible Element Horizontal Sidewall, Standard Orifice, 1/2" NPT                             | 175 psi                 |
| VK610   | <a href="#">90e-i</a>  | 12294                      | 5.6              | 80.6   | HP Standard Response/Quick Response Model M-5 Extended Coverage Pendant, Standard Orifice, 1/2" NPT  | 250 psi                 |
| VK611   | <a href="#">90v-z</a>  | 13972                      | 5.6              | 80.6   | HP Standard Response/Quick Response Extended Coverage Fusible Element Pendant, Standard Orifice, 1/2" NPT                                      | 250 psi                 |
| VK612   | <a href="#">91a-f</a>  | 12295                      | 5.6              | 80.6   | HP Standard Response/Quick Response Model M-5 EC HSW, 1/2" NPT   | 250 psi                 |
| VK613   | <a href="#">91h-m</a>  | 13973                      | 5.6              | 80.6   | HP Standard Response/Quick Response Extended Coverage Fusible Element Horizontal Sidewall, Standard Orifice, 1/2" NPT                          | 250 psi                 |
| VK614-D | <a href="#">88a-f</a>  | 06778BA-X                  | 5.6              | 80.6   | Standard Response/Quick Response Extended Coverage Domed Concealed Pendant, Standard Orifice, 1/2" NPT   | 175 psi                 |
| VK616-D | <a href="#">88a-f</a>  | 07077BA-X                  | 8.0              | 115.2  | Standard Response/Quick Response Extended Coverage   | 175 psi                 |
| VK617   | <a href="#">85h-m</a>  | 14141                      | 11.2             | 161.3  | Standard Response/Quick Response Extended Coverage Light Hazard Extra-Large Orifice Fusible Element Pendant, 3/4" NPT                          | 175 psi                 |
| VK618-D | <a href="#">86a-f</a>  | 08339A-X                   | 11.2             | 161.3  | Standard Response/Quick Response Extended Coverage Domed Concealed Light Hazard Extra-Large Orifice Pendant, 3/4" NPT                          | 175 psi                 |
| VK625   | N/A                    | 08498A                     | 5.6              | 80.6   | Standard Response/Quick Response Model B-1 Fusible Link Extended Coverage Concealed Pendant, Standard Orifice, 1/2" NPT (discontinued product) | 175 psi                 |
| VK627   | N/A                    | 10485A                     | 8.0              | 115.2  | Standard Response/Quick Response Model B-2 Fusible Link Extended Coverage Concealed Pendant, Large Orifice, 1/2" NPT (discontinued product)    | 175 psi                 |
| VK627   | N/A                    | 10680A                     | 8.0              | 115.2  | Standard Response/Quick Response Model B-2 Fusible Link Extended Coverage Concealed Pendant, Large Orifice, 3/4" NPT (discontinued product)    | 175 psi                 |
| VK630   | <a href="#">80a-e</a>  | 13500                      | 8.0              | 115.2  | Quick Response Extended Coverage Horizontal Sidewall, Large Orifice, 3/4" NPT  | 175 psi                 |
| VK630-D | <a href="#">87h-m</a>  | 13500A-X                   | 8.0              | 115.2  | Quick Response EC Domed Concealed HSW, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK631   | N/A                    | 16112                      | 8.0              | 115.2  | HP Quick Response Extended Coverage HSW, Large Orifice, 3/4" NPT (discontinued product)  | 300 psi                 |
| VK631-D | N/A                    | 16112A-X                   | 8.0              | 115.2  | HP Quick Response EC Domed Concealed HSW, Large Orifice, 3/4" NPT (discontinued product)   | 300 psi                 |
| VK632   | <a href="#">92a-f</a>  | 14613A                     | 5.6              | 80.6   | Quick Response EC Concealed Pendant, Standard Orifice, 1/2" NPT  | 175 psi                 |
| VK634   | <a href="#">92a-f</a>  | 14535A                     | 8.0              | 115.2  | Quick Response EC Concealed Pendant, Large Orifice, 3/4" NPT   | 175 psi                 |
| VK636   | <a href="#">89a-e</a>  | 16102A                     | 11.2             | 161.3  | Quick Response EC LH Concealed Pendant, Extra-Large Orifice, 3/4" NPT  | 175 psi                 |
| VK638   | <a href="#">84n-r</a>  | 17375                      | 8.0              | 115.2  | Quick Response EC Horizontal Sidewall, Large Orifice, 3/4" NPT   | 175psi                  |
| VK638   | <a href="#">84u-z</a>  | 17375                      | 8.0              | 115.2  | Quick Response EC Concealed Horizontal Sidewall, Large Orifice, 3/4" NPT   | 175psi                  |

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| SIN*  | Technical Data Page(s) | Sprinkler Base Part Number | Nominal K-Factor |        | Sprinkler Model and Type   | Maximum Pressure Rating |
|-------|------------------------|----------------------------|------------------|--------|--|-------------------------|
|       |                        |                            | U.S.             | metric |  |                         |
| VK680 | <a href="#">87n-q</a>  | 17114AC                    | 8.0              | 115.2  | Quick Response EC Concealed HSW, Large Orifice, 3/4" NPT         | 175 psi                 |
| VK740 | <a href="#">20-32</a>  | 05133AAJ or AJJ            | 1.2              | 17.3   | 30° Model A-2 Spray Nozzle, 1/2" NPT, Brass or Nickel            | N/A                     |
| VK741 | <a href="#">20-32</a>  | 05133AAK or AJK            | 1.2              | 17.3   | 60° Model A-2 Spray Nozzle, 1/2" NPT, Brass or Nickel            | N/A                     |
| VK742 | <a href="#">20-32</a>  | 05133AAL or AJL            | 1.2              | 17.3   | 90° Model A-2 Spray Nozzle, 1/2" NPT, Brass or Nickel            | N/A                     |
| VK743 | <a href="#">20-32</a>  | 05133AAM or AJM            | 1.4              | 20.2   | 120° Model A-2 Spray Nozzle, 1/2" NPT, Brass or Nickel           | N/A                     |
| VK744 | <a href="#">20-32</a>  | 05133AAN or AJN            | 1.4              | 20.2   | 140° Model A-2 Spray Nozzle, 1/2" NPT, Brass or Nickel           | N/A                     |
| VK750 | <a href="#">20-32</a>  | 05134AAJ or AJJ            | 2.0              | 28.8   | 30° Model A-2X Spray Nozzle, 1/2" NPT, Brass or Nickel           | N/A                     |
| VK751 | <a href="#">20-32</a>  | 05134AAK or AJK            | 2.0              | 28.8   | 60° Model A-2X Spray Nozzle, 1/2" NPT, Brass or Nickel           | N/A                     |
| VK752 | <a href="#">20-32</a>  | 05134AAL or AJL            | 2.0              | 28.8   | 90° Model A-2X Spray Nozzle, 1/2" NPT, Brass or Nickel           | N/A                     |
| VK753 | <a href="#">20-32</a>  | 05134AAM or AJM            | 2.2              | 31.7   | 120° Model A-2X Spray Nozzle, 1/2" NPT, Brass or Nickel          | N/A                     |
| VK754 | <a href="#">20-32</a>  | 05134AAN or AJN            | 2.2              | 31.7   | 140° Model A-2X Spray Nozzle, 1/2" NPT, Brass or Nickel          | N/A                     |
| VK760 | <a href="#">20-32</a>  | 05135AAJ or AJJ            | 2.8              | 40.3   | 30° Model B-2 Spray Nozzle, 1/2" NPT, Brass or Nickel            | N/A                     |
| VK761 | <a href="#">20-32</a>  | 05135AAK or AJK            | 2.8              | 40.3   | 60° Model B-2 Spray Nozzle, 1/2" NPT, Brass or Nickel            | N/A                     |
| VK762 | <a href="#">20-32</a>  | 05135AAL or AJL            | 2.8              | 40.3   | 90° Model B-2 Spray Nozzle, 1/2" NPT, Brass or Nickel            | N/A                     |
| VK763 | <a href="#">20-32</a>  | 05135AAM or AJM            | 3.3              | 47.6   | 120° Model B-2 Spray Nozzle, 1/2" NPT, Brass or Nickel           | N/A                     |
| VK764 | <a href="#">20-32</a>  | 05135AAN or AJN            | 3.3              | 47.6   | 140° Model B-2 Spray Nozzle, 1/2" NPT, Brass or Nickel           | N/A                     |
| VK770 | <a href="#">20-32</a>  | 05136AAJ or AJJ            | 3.4              | 49     | 30° Model C-2 Spray Nozzle, 1/2" NPT, Brass or Nickel            | N/A                     |
| VK771 | <a href="#">20-32</a>  | 05136AAK or AJK            | 3.4              | 49     | 60° Model C-2 Spray Nozzle, 1/2" NPT, Brass or Nickel            | N/A                     |
| VK772 | <a href="#">20-32</a>  | 05136AAL or AJL            | 3.8              | 54.8   | 90° Model C-2 Spray Nozzle, 1/2" NPT, Brass or Nickel            | N/A                     |
| VK773 | <a href="#">20-32</a>  | 05136AAM or AJM            | 3.9              | 56.2   | 120° Model C-2 Spray Nozzle, 1/2" NPT, Brass or Nickel           | N/A                     |
| VK774 | <a href="#">20-32</a>  | 05136AAN or AJN            | 3.9              | 56.2   | 140° Model C-2 Spray Nozzle, 1/2" NPT, Brass or Nickel           | N/A                     |
| VK780 | <a href="#">20-32</a>  | 05137AAJ or AJJ            | 4.7              | 67.8   | 30° Model D-2 Spray Nozzle, 1/2" NPT, Brass or Nickel            | N/A                     |
| VK781 | <a href="#">20-32</a>  | 05137AAK or AJK            | 4.7              | 67.8   | 60° Model D-2 Spray Nozzle, 1/2" NPT, Brass or Nickel            | N/A                     |
| VK782 | <a href="#">20-32</a>  | 05137AAL or AJL            | 5.0              | 72.1   | 90° Model D-2 Spray Nozzle, 1/2" NPT, Brass or Nickel            | N/A                     |
| VK783 | <a href="#">20-32</a>  | 05137AAM or AJM            | 5.2              | 75.0   | 120° Model D-2 Spray Nozzle, 1/2" NPT, Brass or Nickel           | N/A                     |
| VK784 | <a href="#">20-32</a>  | 05137AAN or AJN            | 5.2              | 75.0   | 140° Model D-2 Spray Nozzle, 1/2" NPT, Brass or Nickel           | N/A                     |
| VK790 | <a href="#">11-14</a>  | 01320B                     | 1.5              | 21.6   | Model C-1 Window Sprinkler, 1/4" Orifice, 1/2" NPT               | N/A                     |
| VK791 | <a href="#">11-14</a>  | 01321B                     | 2.1              | 30.3   | Model C-1 Window Sprinkler, 5/16" Orifice, 1/2" NPT              | N/A                     |
| VK792 | <a href="#">11-14</a>  | 01322B                     | 3.0              | 43.2   | Model C-1 Window Sprinkler, 3/8" Orifice, 1/2" NPT               | N/A                     |
| VK793 | <a href="#">11-14</a>  | 01323B                     | 4.3              | 62     | Model C-1 Window Sprinkler, 7/16" Orifice, 1/2" NPT              | N/A                     |
| VK794 | <a href="#">11-14</a>  | 01324B                     | 5.8              | 83.6   | Model C-1 Window Sprinkler, 1/2" Orifice, 1/2" NPT               | N/A                     |
| VK795 | <a href="#">11-14</a>  | 01325B                     | 7.3              | 105.2  | Model C-1 Window Sprinkler, 5/8" Orifice, 3/4" NPT               | N/A                     |
| VK796 | <a href="#">11-14</a>  | 01326B                     | 8.1              | 117.3  | Model C-1 Window Sprinkler, 3/4" Orifice, 3/4" NPT               | N/A                     |
| VK800 | <a href="#">286a-c</a> | 07848                      | -                | -      | Model M HP Fixed Temperature Release, Standard Orifice, 1/2" NPT | 250 psi                 |
| VK810 | <a href="#">32a-i</a>  | 12867                      | 7.2              | 103.8  | 65° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK810 | <a href="#">32a-i</a>  | 12868                      | 5.6              | 80.6   | 65° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK810 | <a href="#">32a-i</a>  | 12869                      | 4.1              | 59.1   | 65° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK810 | <a href="#">32a-i</a>  | 12870                      | 3.2              | 46.3   | 65° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK810 | <a href="#">32a-i</a>  | 12871                      | 2.3              | 33.2   | 65° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK810 | <a href="#">32a-i</a>  | 12872                      | 1.8              | 25.9   | 65° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK810 | <a href="#">32a-i</a>  | 12873                      | 1.2              | 17.3   | 65° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK811 | <a href="#">32a-i</a>  | 12874                      | 7.2              | 103.8  | 80° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK811 | <a href="#">32a-i</a>  | 12875                      | 5.6              | 80.6   | 80° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK811 | <a href="#">32a-i</a>  | 12876                      | 4.1              | 59.1   | 80° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK811 | <a href="#">32a-i</a>  | 12877                      | 3.2              | 46.3   | 80° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK811 | <a href="#">32a-i</a>  | 12878                      | 2.3              | 33.2   | 80° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK811 | <a href="#">32a-i</a>  | 12879                      | 1.8              | 25.9   | 80° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK811 | <a href="#">32a-i</a>  | 12880                      | 1.2              | 17.3   | 80° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK812 | <a href="#">32a-i</a>  | 12881                      | 7.2              | 103.8  | 95° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK812 | <a href="#">32a-i</a>  | 12882                      | 5.6              | 80.6   | 95° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK812 | <a href="#">32a-i</a>  | 12883                      | 4.1              | 59.1   | 95° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK812 | <a href="#">32a-i</a>  | 12884                      | 3.2              | 46.3   | 95° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK812 | <a href="#">32a-i</a>  | 12885                      | 2.3              | 33.2   | 95° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK812 | <a href="#">32a-i</a>  | 12886                      | 1.8              | 25.9   | 95° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK812 | <a href="#">32a-i</a>  | 12887                      | 1.2              | 17.3   | 95° Model E Spray Nozzle, 1/2" NPT                               | 175 psi                 |
| VK813 | <a href="#">32a-i</a>  | 12888                      | 7.2              | 103.8  | 110° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK813 | <a href="#">32a-i</a>  | 12889                      | 5.6              | 80.6   | 110° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK813 | <a href="#">32a-i</a>  | 12890                      | 4.1              | 59.1   | 110° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK813 | <a href="#">32a-i</a>  | 12891                      | 3.2              | 46.3   | 110° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK813 | <a href="#">32a-i</a>  | 12892                      | 2.3              | 33.2   | 110° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK813 | <a href="#">32a-i</a>  | 12893                      | 1.8              | 25.9   | 110° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK813 | <a href="#">32a-i</a>  | 12894                      | 1.2              | 17.3   | 110° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK814 | <a href="#">32a-i</a>  | 12895                      | 7.2              | 103.8  | 125° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK814 | <a href="#">32a-i</a>  | 12896                      | 5.6              | 80.6   | 125° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK814 | <a href="#">32a-i</a>  | 12897                      | 4.1              | 59.1   | 125° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK814 | <a href="#">32a-i</a>  | 12898                      | 3.2              | 46.3   | 125° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK814 | <a href="#">32a-i</a>  | 12899                      | 2.3              | 33.2   | 125° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK814 | <a href="#">32a-i</a>  | 12900                      | 1.8              | 25.9   | 125° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK814 | <a href="#">32a-i</a>  | 12901                      | 1.2              | 17.3   | 125° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |
| VK815 | <a href="#">32a-i</a>  | 12902                      | 7.2              | 103.8  | 140° Model E Spray Nozzle, 1/2" NPT                              | 175 psi                 |



Continued from page 14.

| SIN*  | Technical Data Page(s)     | Sprinkler Base Part Number | Nominal K-Factor |        | Sprinkler Model and Type   | Maximum Pressure Rating |
|-------|----------------------------|----------------------------|------------------|--------|--|-------------------------|
|       |                            |                            | U.S.             | metric |  |                         |
| VK815 | <a href="#">32a-i</a>      | 12903                      | 5.6              | 80.6   | 140° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK815 | <a href="#">32a-i</a>      | 12904                      | 4.1              | 59.1   | 140° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK815 | <a href="#">32a-i</a>      | 12905                      | 3.2              | 46.3   | 140° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK815 | <a href="#">32a-i</a>      | 12906                      | 2.3              | 33.2   | 140° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK815 | <a href="#">32a-i</a>      | 12907                      | 1.8              | 25.9   | 140° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK815 | <a href="#">32a-i</a>      | 12908                      | 1.2              | 17.3   | 140° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK816 | <a href="#">32a-i</a>      | 12909                      | 7.2              | 103.8  | 160° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK816 | <a href="#">32a-i</a>      | 12910                      | 5.6              | 80.6   | 160° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK816 | <a href="#">32a-i</a>      | 12911                      | 4.1              | 59.1   | 160° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK816 | <a href="#">32a-i</a>      | 12912                      | 3.2              | 46.3   | 160° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK816 | <a href="#">32a-i</a>      | 12913                      | 2.3              | 33.2   | 160° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK816 | <a href="#">32a-i</a>      | 12914                      | 1.8              | 25.9   | 160° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK816 | <a href="#">32a-i</a>      | 12915                      | 1.2              | 17.3   | 160° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK817 | <a href="#">32a-i</a>      | 12916                      | 7.2              | 103.8  | 180° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK817 | <a href="#">32a-i</a>      | 12917                      | 5.6              | 80.6   | 180° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK817 | <a href="#">32a-i</a>      | 12918                      | 4.1              | 59.1   | 180° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK817 | <a href="#">32a-i</a>      | 12919                      | 3.2              | 46.3   | 180° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK817 | <a href="#">32a-i</a>      | 12920                      | 2.3              | 33.2   | 180° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK817 | <a href="#">32a-i</a>      | 12921                      | 1.8              | 25.9   | 180° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK817 | <a href="#">32a-i</a>      | 12922                      | 1.2              | 17.3   | 180° Model E Spray Nozzle, ½" NPT  | 175 psi                 |
| VK824 | <a href="#">33a-f Euro</a> | 13633                      | .82              | 12.0   | Model EM Spray Nozzle  | 175 psi                 |
| VK825 | <a href="#">33a-f Euro</a> | 13872                      | .48              | 7.0    | Model EM Spray Nozzle  | 175 psi                 |
| VK900 | <a href="#">112a-i</a>     | 12493                      | 4.2              | 57     | Coin™ QR Upright (Specific Application), Standard Orifice, ½" NPT                  | 175 psi                 |
| VK901 | <a href="#">112c-z</a>     | 12676AE                    | 4.2              | 57     | Coin™ QR Fusible Element Upright (Specific Application), Standard Orifice, ½" NPT  | 175 psi                 |
| VK920 | <a href="#">127a-e</a>     | 15111                      | 5.6              | 80.6   | Flat Spray QR Pendent Sprinkler, Standard Orifice, 1/2" NPT (discontinued product) | 175 psi                 |
| VK922 | <a href="#">127a-e</a>     | 15112                      | 8.0              | 115.2  | Flat Spray QR Pendent Sprinkler, Large Orifice, 3/4" NPT (discontinued product)    | 175 psi                 |

\* The Sprinkler Identification Number (SIN) is stamped on the sprinklers.