



Flexible Sprinkler Drops

VK27B & 27N

Technical Features

- **Application:** Commercial Suspended Ceilings
- **Hose Assembly Lengths (mm):**
700, 1000, 1200, 1500, 1800
- **Maximum Ambient Temperature:** 107°C / 225°F
- **Maximum Working Pressure:**
 - UL: 13.8bar / 200 psi
 - FM: 12.1bar / 175 psi
- **Connections:** ½" or ¾" outlet, 1" inlet
- **Hose Diameter:** 26.2mm ID, 26.8mm OD
- **Material:** Stainless Steel 304
- **Approvals:** UL, FM



Sprinkler Drops

Model VK27N-T, Unbraided with Threaded Fitting - UL

Reference / Part Number	Hose Assembly Length		Outlet Size	K factor (imperial/metric)	Max. Number of 90° Bends	Minimum Bend Radius (mm/inches)	Equivalent Length of 1" Schedule 40 Steel Pipe (c=120)	
	mm	in					m	ft
VK27N-T0700 (½)	700	27 ⁹ / ₁₆	½"	5.6/80.6	2	102/4	7.92	26
VK27N-T1000 (½)	1000	39 ³ / ₈	½"	5.6/80.6	3	102/4	13.72	45
VK27N-T1200 (½)	1200	47 ¹ / ₄	½"	5.6/80.6	3	102/4	15.54	51
VK27N-T1500 (½)	1500	59 ¹ / ₁₆	½"	5.6/80.6	3	102/4	20.12	66
VK27N-T1800 (½)	1800	70 ⁷ / ₈	½"	5.6/80.6	3	102/4	21.03	69
VK27N-T700 (¾)	700	27 ⁹ / ₁₆	¾"	8.0/115.2	2	102/4	9.45	31
VK27N-T1000 (¾)	1000	39 ³ / ₈	¾"	8.0/115.2	3	102/4	15.24	50
VK27N-T1200 (¾)	1200	47 ¹ / ₄	¾"	8.0/115.2	3	102/4	16.76	55
VK27N-T1500 (¾)	1500	59 ¹ / ₁₆	¾"	8.0/115.2	3	102/4	21.34	70
VK27N-T1800 (¾)	1800	70 ⁷ / ₈	¾"	8.0/115.2	3	102/4	22.56	74

Model VK27B-T, Braided with Threaded Fitting - UL/FM

Reference / Part Number	Hose Assembly Length		Outlet Size	K factor (imperial/metric)		Max. Number of 90° Bends		Minimum Bend Radius (mm/inches)		Equivalent Length of 1" Schedule 40 Steel Pipe (c=120), ft (m)	
	mm	in		FM	UL	FM	UL	FM	UL	FM	UL
VK27B-T0700 (½)	700	27 ⁹ / ₁₆	½"	5.6/80.6	8.0/115.2	1	2	229/9	102/4	8.66/28.4	7.92/26.0
VK27B-T1000 (½)	1000	39 ³ / ₈	½"	5.6/80.6	8.0/115.2	2	3	229/9	102/4	13.96/45.8	13.72/45.0
VK27B-T1200 (½)	1200	47 ¹ / ₄	½"	5.6/80.6	8.0/115.2	2	3	229/9	102/4	17.50/57.4	15.54/51.0
VK27B-T1500 (½)	1500	59 ¹ / ₁₆	½"	5.6/80.6	8.0/115.2	3	3	229/9	102/4	21.21/69.6	20.12/66.0
VK27B-T1800 (½)	1800	70 ⁷ / ₈	½"	5.6/80.6	8.0/115.2	4	3	229/9	102/4	24.93/81.8	21.03/69.0
VK27B-T700 (¾)	700	27 ⁹ / ₁₆	¾"	8.0/115.2	11.2/161.3	1	2	229/9	102/4	8.41/27.6	9.45/31.0
VK27B-T1000 (¾)	1000	39 ³ / ₈	¾"	8.0/115.2	11.2/161.3	2	3	229/9	102/4	12.44/40.8	15.24/50.0
VK27B-T1200 (¾)	1200	47 ¹ / ₄	¾"	8.0/115.2	11.2/161.3	2	3	229/9	102/4	15.12/49.6	16.76/55.0
VK27B-T1500 (¾)	1500	59 ¹ / ₁₆	¾"	8.0/115.2	11.2/161.3	3	3	229/9	102/4	19.11/62.7	21.34/70.0
VK27B-T1800 (¾)	1800	70 ⁷ / ₈	¾"	8.0/115.2	11.2/161.3	4	3	229/9	102/4	23.10/75.8	22.56/74.0

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