

acts 80 Series

8025HR-1

Sprinkler Base Pressure-US

psi			
40	50	60	70

Sprinkler Base Pressure-Metric

bar			
2.76	3.45	4.14	4.83

#24 Nozzle (3/8")					#24 Nozzle (9.53 mm)				
Flow (gpm)	25.2	28.2	30.9	34.5	Flow (L/hr)	5724	6405	7018	7563
Diam. at 1.5 ft ht (ft)	134	144	154	160	Diam. at 0.46 m ht (m)	40.8	43.9	46.9	48.5
Diam. at 6.0 ft ht (ft)	152	159	164	170	Diam. at 1.83 m ht (m)	46.3	48.5	50.0	51.2
#26 Nozzle (13/32")					#26 Nozzle (10.32 mm)				
Flow (gpm)	29.3	32.7	35.9	38.7	Flow (L/hr)	6655	7427	8154	8790
Diam. at 1.5 ft ht (ft)	142	152	161	166	Diam. at 0.46 m ht (m)	43.3	46.3	49.1	50.6
Diam. at 6.0 ft ht (ft)	157	164	169	173	Diam. at 1.83 m ht (m)	47.9	50.0	51.5	52.7
#28 Nozzle (7/16")					#28 Nozzle (11.11 mm)				
Flow (gpm)	33.9	38.0	41.6	44.9	Flow (L/hr)	7700	8631	9448	10198
Diam. at 1.5 ft ht (ft)	148	157	166	171	Diam. at 0.46 m ht (m)	45.1	47.9	50.6	52.1
Diam. at 6.0 ft ht (ft)	161	168	173	177	Diam. at 1.83 m ht (m)	49.1	51.2	52.7	53.9
#30 Nozzle (15/32")					#30 Nozzle (11.91 mm)				
Flow (gpm)	38.6	43.1	47.2	51.0	Flow (L/hr)	8767	9789	10720	11583
Diam. at 1.5 ft ht (ft)	153	162	170	175	Diam. at 0.46 m ht (m)	46.6	49.4	51.8	53.3
Diam. at 6.0 ft ht (ft)	165	172	177	181	Diam. at 1.83 m ht (m)	50.3	52.4	53.9	55.2
#32 Nozzle (1/2")					#32 Nozzle (12.7 mm)				
Flow (gpm)	43.9	49.0	53.7	58.0	Flow (L/hr)	9971	11129	12197	13173
Diam. at 1.5 ft ht (ft)	156	165	173	179	Diam. at 0.46 m ht (m)	47.5	50.3	52.7	54.6
Diam. at 6.0 ft ht (ft)	169	176	181	185	Diam. at 1.83 m ht (m)	51.5	53.6	55.2	56.4
#34 Nozzle (17/32")					#34 Nozzle (13.49 mm)				
Flow (gpm)	49.5	55.4	60.7	65.5	Flow (L/hr)	11243	12583	13786	14877
Diam. at 1.5 ft ht (ft)	159	168	176	183	Diam. at 0.46 m ht (m)	48.5	51.2	53.6	55.8
Diam. at 6.0 ft ht (ft)	172	179	184	188	Diam. at 1.83 m ht (m)	52.4	54.6	56.1	57.3
#36 Nozzle (9/16")					#36 Nozzle (14.29 mm)				
Flow (gpm)	55.5	62.1	68.0	73.5	Flow (L/hr)	12605	14104	15444	16694
Diam. at 1.5 ft ht (ft)	161	170	178	187	Diam. at 0.46 m ht (m)	49.1	51.8	54.3	57.0
Diam. at 6.0 ft ht (ft)	175	182	187	191	Diam. at 1.83 m ht (m)	53.3	55.5	57.0	58.2
#38 Nozzle (19/32")					#38 Nozzle (15.08 mm)				
Flow (gpm)	59.9	66.9	73.3	79.2	Flow (L/hr)	13605	15195	16648	17988
Diam. at 1.5 ft ht (ft)	163	172	180	190	Diam. at 0.46 m ht (m)	49.7	52.4	54.9	57.9
Diam. at 6.0 ft ht (ft)	178	185	190	194	Diam. at 1.83 m ht (m)	54.3	56.4	57.9	59.1
#40 Nozzle (5/8")					#40 Nozzle (15.88 mm)				
Flow (gpm)	67.1	75.0	82.1	88.7	Flow (L/hr)	15240	17034	18647	20146
Diam. at 1.5 ft ht (ft)	165	174	182	192	Diam. at 0.46 m ht (m)	50.3	53.0	55.5	58.5
Diam. at 6.0 ft ht (ft)	180	187	192	196	Diam. at 1.83 m ht (m)	54.9	57.0	58.5	59.7

Sprinkler performance may vary with actual field conditions. Diameters shown are for standard straight bore nozzles and stream straightening vanes. Other nozzles and/or vane combinations are available. Consult factory for specific performance data. Stream heights range from 12.5 to 28.0 ft (3.8 to 8.5 m) above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).