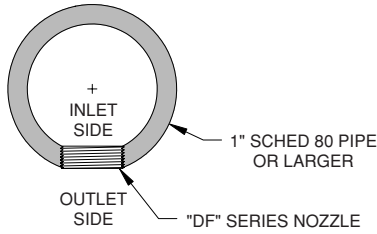
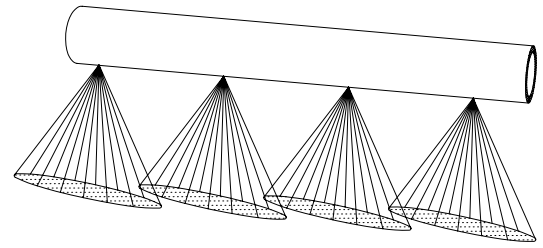
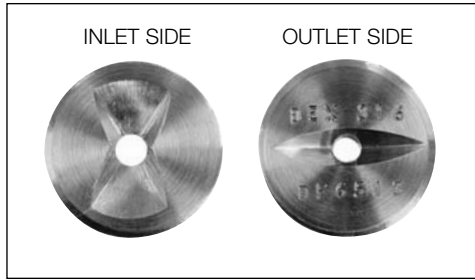
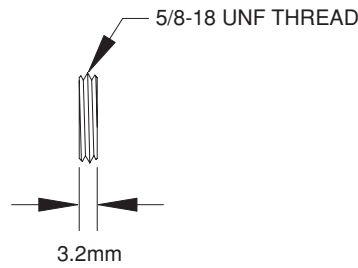


Threaded disc flat "V" spray nozzles (low profile)

DF SERIES

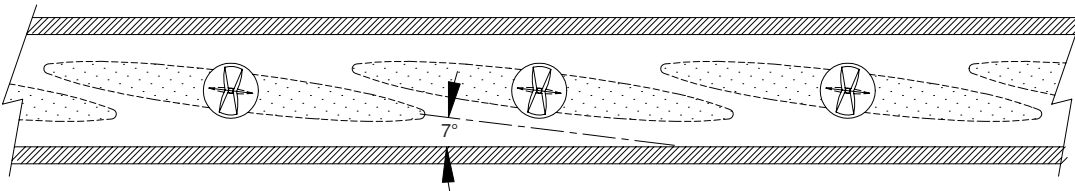


SPRAY CHARACTERISTICS:

These thin-disc flat spray nozzles are used where the nozzle must not project beyond the wall of the header pipe. Minimum recommended pipe size is 1" schedule 80. Optimum thread engagement occurs on pipes of 1-1/4" schedule 80 and larger. Usual operating pressures are up to 10 bar.

CONSTRUCTION:

Standard materials of construction are 316 stainless steel and 303 stainless steel. Other materials and capacities can be supplied.



10 - 15% overlap is recommended for complete coverage

MODEL NUMBER	EQUIV. ORIFICE DIAMETER (mm)	CAPACITY (L/min) AT VARIOUS PRESSURES (bar)										SPRAY ANGLE @ 3 bar
		0.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	7 bar	10 bar	13 bar	
DF35054	1.40	1.03	1.23	1.51	1.74	2.13	2.46	2.75	3.3	3.9	4.4	35°
DF3513	2.16	2.48	2.96	3.6	4.2	5.1	5.9	6.6	7.8	9.4	10.7	35°
DF3524	2.92	4.6	5.5	6.7	7.7	9.5	10.9	12.2	14.5	17.3	19.7	35°
DF3533	3.43	6.3	7.5	9.2	10.6	13.0	15.0	16.8	19.9	23.8	27.1	35°
DF4013	2.16	2.48	2.96	3.6	4.2	5.1	5.9	6.6	7.8	9.4	10.7	40°
DF4047	4.09	9.0	10.7	13.1	15.1	18.6	21.4	23.9	28.3	34	39	40°
DF4313	2.16	2.48	2.96	3.6	4.2	5.1	5.9	6.6	7.8	9.4	10.7	43°
DF5013	2.16	2.48	2.96	3.6	4.2	5.1	5.9	6.6	7.8	9.4	10.7	50°
DF55054	1.40	1.03	1.23	1.51	1.74	2.13	2.46	2.75	3.3	3.9	4.4	55°
DF55084	1.73	1.60	1.91	2.34	2.71	3.3	3.8	4.3	5.1	6.1	6.9	55°
DF5513	2.16	2.48	2.96	3.6	4.2	5.1	5.9	6.6	7.8	9.4	10.7	55°
DF5824	2.92	4.6	5.5	6.7	7.7	9.5	10.9	12.2	14.5	17.3	19.7	58°
DF5833	3.43	6.3	7.5	9.2	10.6	13.0	15.0	16.8	19.9	23.8	27.1	58°
DF6022	2.79	4.2	5.0	6.1	7.1	8.7	10.0	11.2	13.3	15.9	18.1	60°
DF65054	1.40	1.03	1.23	1.51	1.74	2.13	2.46	2.75	3.3	3.9	4.4	65°
DF6513	2.16	2.48	2.96	3.6	4.2	5.1	5.9	6.6	7.8	9.4	10.7	65°
DF6515	2.31	2.86	3.4	4.2	4.8	5.9	6.8	7.6	9.0	10.8	12.3	65°
DF6519	2.59	3.6	4.3	5.3	6.1	7.5	8.7	9.7	11.5	13.7	15.6	65°
DF6524	2.92	4.6	5.5	6.7	7.7	9.5	10.9	12.2	14.5	17.3	19.7	65°
DF6840	3.76	7.6	9.1	11.2	12.9	15.8	18.2	20.4	24.1	28.8	33	68°
DF70054	1.40	1.03	1.23	1.51	1.74	2.13	2.46	2.75	3.3	3.9	4.4	70°
DF80054	1.40	1.03	1.23	1.51	1.74	2.13	2.46	2.75	3.3	3.9	4.4	80°
DF80084	1.73	1.60	1.91	2.34	2.71	3.3	3.8	4.3	5.1	6.1	6.9	80°
DF8013	2.16	2.48	2.96	3.6	4.2	5.1	5.9	6.6	7.8	9.4	10.7	80°
DF8019	2.59	3.6	4.3	5.3	6.1	7.5	8.7	9.7	11.5	13.7	15.6	80°
DF8024	2.92	4.6	5.5	6.7	7.7	9.5	10.9	12.2	14.5	17.3	19.7	80°
DF8033	3.43	6.3	7.5	9.2	10.6	13.0	15.0	16.8	19.9	23.8	27.1	80°
DF90054	1.40	1.03	1.23	1.51	1.74	2.13	2.46	2.75	3.3	3.9	4.4	90°
DF11006	1.47	1.14	1.37	1.67	1.93	2.37	2.73	3.06	3.6	4.3	4.9	110°