



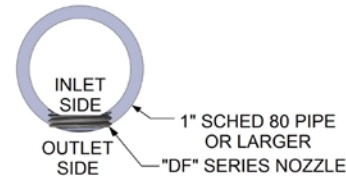
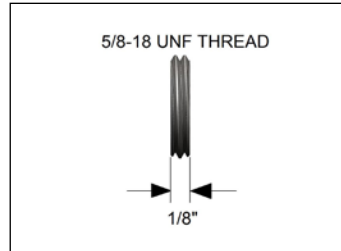
DF SERIES NOZZLE SPECIFICATIONS

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 150 psi.

CONSTRUCTION:

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



Also available in a threadless version

Model	Equiv. Orifice Diameter (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)										SPRAY ANGLE
		10 psi	15 psi	20 psi	30 psi	40 psi	50 psi	60 psi	80 psi	100 psi	150 psi	
DF35054	0.056	0.27	0.33	0.38	0.47	0.54	0.60	0.66	0.76	0.85	1.05	35
DF3513	0.087	0.65	0.80	0.92	1.13	1.30	1.45	1.59	1.84	2.06	2.52	35
DF3524	0.119	1.20	1.47	1.70	2.08	2.40	2.68	2.94	3.4	3.8	4.6	35
DF3533	0.139	1.65	2.02	2.33	2.86	3.3	3.7	4.0	4.7	5.2	6.4	35
DF4013	0.087	0.65	0.80	0.92	1.13	1.30	1.45	1.59	1.84	2.06	2.52	40
DF4047	0.166	2.35	2.88	3.3	4.1	4.7	5.3	5.8	6.6	7.4	9.1	40
DF4313	0.087	0.65	0.80	0.92	1.13	1.30	1.45	1.59	1.84	2.06	2.52	43
DF5013	0.087	0.65	0.80	0.92	1.13	1.30	1.45	1.59	1.84	2.06	2.52	50
DF55054	0.056	0.27	0.33	0.38	0.47	0.54	0.60	0.66	0.76	0.85	1.05	55
DF55084	0.070	0.42	0.51	0.59	0.73	0.84	0.94	1.03	1.19	1.33	1.63	55
DF5513	0.087	0.65	0.80	0.92	1.13	1.30	1.45	1.59	1.84	2.06	2.52	55
DF5824	0.119	1.20	1.47	1.70	2.08	2.40	2.68	2.94	3.4	3.8	4.6	58
DF5833	0.139	1.65	2.02	2.33	2.86	3.3	3.7	4.0	4.7	5.2	6.4	58
DF6022	0.113	1.10	1.35	1.56	1.91	2.20	2.46	2.69	3.11	3.5	4.3	60
DF65054	0.056	0.27	0.33	0.38	0.47	0.54	0.60	0.66	0.76	0.85	1.05	65
DF6513	0.087	0.65	0.80	0.92	1.13	1.30	1.45	1.59	1.84	2.06	2.52	65
DF6515	0.094	0.75	0.92	1.06	1.30	1.50	1.68	1.84	2.12	2.37	2.90	65
DF6519	0.105	0.95	1.16	1.34	1.65	1.90	2.12	2.33	2.69	3.00	3.7	65
DF6524	0.119	1.20	1.47	1.70	2.08	2.40	2.68	2.94	3.4	3.8	4.6	65
DF6840	0.153	2.00	2.45	2.83	3.5	4.0	4.5	4.9	5.7	6.3	7.7	70
DF70054	0.056	0.27	0.33	0.38	0.47	0.54	0.60	0.66	0.76	0.85	1.05	70
DF80054	0.056	0.27	0.33	0.38	0.47	0.54	0.60	0.66	0.76	0.85	1.05	80
DF80084	0.070	0.42	0.51	0.59	0.73	0.84	0.94	1.03	1.19	1.33	1.63	80
DF8013	0.087	0.65	0.80	0.92	1.13	1.30	1.45	1.59	1.84	2.06	2.52	80
DF8019	0.105	0.95	1.16	1.34	1.65	1.90	2.12	2.33	2.69	3.00	3.7	80
DF8024	0.119	1.20	1.47	1.70	2.08	2.40	2.68	2.94	3.4	3.8	4.6	80
DF8033	0.139	1.65	2.02	2.33	2.86	3.3	3.7	4.0	4.7	5.2	6.4	80
DF90054	0.056	0.27	0.33	0.38	0.47	0.54	0.60	0.66	0.76	0.85	1.05	90
DF11006	0.059	0.30	0.37	0.42	0.52	0.60	0.67	0.73	0.85	0.95	1.16	110