

DT35/DT55 Series Nozzle Performance Chart

DT35 Series Performance Chart—25°

Front Nozzle Positions	Nozzle Set 30 (White Plug)		Nozzle Set 31 (Yellow)		Nozzle Set 32 (Blue)		Nozzle Set 33 (Brown)		Nozzle Set 34 (Orange)		Nozzle Set 35 (Green)		Nozzle Set 36 (Gray)		Nozzle Set 37 (Black)	
	102-2208		102-6906		102-0726		102-6907		102-0728		102-6955		102-6935		102-6936	
	Yellow	Biege	Yellow	Brown	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Green	Green
	102-5670	102-6942	102-5670	102-5671	102-5670	102-6884	102-5670	102-6884	102-5670	102-6884	102-5670	102-6885	102-6531	102-6885	102-6531	102-6885
Back Nozzle Positions	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug
	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335
PSI	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM
50	43	8.2	53	13.8	56	18.3	61	21.7	65	25.3	—	—	—	—	—	—
65	45	10.0	53	15.5	59	20.5	64	24.4	68	28.2	72	34.1	—	—	—	—
80	46	11.5	57	17.3	62	22.7	67	27.1	71	31.1	75	37.8	78	40.3	80	44.0
100	47	13.4	59	19.1	65	24.9	70	29.8	74	34.1	79	40.9	81	43.8	83	47.3

DT35 Series Performance Chart—15°

psi	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM
50	43	8.2	52	13.6	58	18.1	61	21.5	62	25.6	—	—	—	—	—	—
65	45	10.0	54	15.3	60	20.3	64	24.2	65	27.3	69	33.1	—	—	—	—
80	46	11.5	58	17.2	64	22.6	69	26.8	69	30.2	75	36.8	76	39.7	76	42.9
100	47	13.4	60	19.0	66	24.7	71	29.5	72	32.9	78	39.5	82	42.6	82	46.1
Stator	102-6929 Blue				102-1939 Yellow				102-1940 White							
Conversions					DT35-3134								DT35-3537			

DT55 Series Performance Chart—25°

Front Nozzle Positions	Nozzle Set 51 (Yellow)		Nozzle Set 52 (Blue)		Nozzle Set 53 (Brown)		Nozzle Set 54 (Orange)		Nozzle Set 55 (Green)		Nozzle Set 56 (Gray)		Nozzle Set 57 (Black)		Nozzle Set 58 (Red)		Nozzle Set 59 (Beige)	
	102-6906		102-0726		102-6907		102-0728		102-6955		102-6935		102-6936		102-6909		102-4259	
	Yellow	Brown	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green
	102-5670	102-5671	102-5670	102-6884	102-5670	102-6884	102-5670	102-6884	102-5670	102-6885	102-6531	102-6885	102-6531	102-6885	102-6531	102-6885	102-6531	102-6885
Back Nozzle Positions	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug	Red Plug
	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335
PSI	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM
50	55	14.1	57	18.5	62	22.3	66	25.8	—	—	—	—	—	—	—	—	—	—
65	57	15.8	60	20.9	65	25.1	69	28.7	73	35.9	—	—	—	—	—	—	—	—
80	59	17.5	61	23.1	68	27.8	72	31.7	76	39.7	80	43.1	83	48.2	85	50.0	89	57.5
100	61	19.3	63	25.3	71	30.3	75	34.5	80	43.5	83	49.0	88	51.5	90	53.9	92	61.3

DT55 Series Performance Chart—15°

psi	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM	Radius	GPM		
50	55	14.0	59	16.5	62	22.2	63	25.6	—	—	—	—	—	—	—	—	—	—		
65	56	15.6	62	20.7	65	25.0	66	28.5	75	35.3	—	—	—	—	—	—	—	—		
80	59	17.4	66	23.0	69	27.7	70	31.5	78	39.0	78	42.4	79	46.9	79	49.5	82	57.2		
100	60	19.2	68	25.1	71	30.2	72	34.3	80	41.9	81	47.2	83	52.1	83	53.4	85	60.8		
Stator					102-1939 Yellow								102-1940 White				102-1941 White			
Conver.					DT55-5154								DT55-5558				DT55-59			

*Not recommended at these pressures. Radius shown in feet.
Toro recommends the use of a 1/4" swing joint at flows over 25-GPM (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1.
Actual site conditions must be considered when selecting the appropriate nozzle.
All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.*

DT35 Mainless Nozzle Performance Data

PSI	Green	Plug	Grey	Green	Plug	Green	Green	Plug	Red	Green	Plug	Beige
	102-6531	102-2208	102-2910	102-6531	102-2208	102-6885	102-6531	102-2208	102-2928	102-6531	102-2208	102-2929
	Radius	GPM		Radius	GPM		Radius	GPM		Radius	GPM	
65	34		10.4	44		10.2	48		11.5	50		13.5
SOR	3:40			3:50			3:25			2:40		
80	37		11.6	44		11.4	48		12.9	50		15.0
SOR	3:15			3:25			3:00			2:30		

Back Nozzle Performance Data

Nozzles	Part #	Description	Color	65 PSI		80 PSI		Profile
				Radius	GPM	Radius	GPM	
	102-6937	Inner Nozzle w/ Yellow Restrictor	Yel/Yel	29	3.7	30	4.1	
	102-6531	Inner Nozzle w/ White Restrictor	Grn/Wht	31	4.3	33	4.6	
	102-6883	Intermediate Nozzle	Brown	38	2.8	38	2.8	
	102-6884	Intermediate Nozzle	Yellow	41	4.1	43	4.5	
	102-6885	Intermediate Nozzle	Green	42	5.4	45	6.0	
	102-2925	Intermediate Nozzle	Blue	40	2.8	42	3.2	
	102-2926	Intermediate Nozzle	Orange	44	4.3	45	4.8	
	102-2927	Intermediate Nozzle	Gray	46	5.1	47	5.4	
	102-2928	Intermediate Nozzle	Red	48	6.5	50	7.0	
	102-2929	Intermediate Nozzle	Beige	51	8.1	53	9.1	

DT35/55 Nozzle Apex

Pressure	Nozzle	Apex at 15°	Apex at 25°
65 PSI	31/51	6' @ 51'	13' @ 54'
	32/52	6' @ 51'	11' @ 64'
	33/53	7' @ 59'	13' @ 68'
	34/54	8' @ 63'	15' @ 74'
80 PSI	35/55	9' @ 66'	15' @ 76'
	36/56	8' @ 75'	18' @ 83'
	37/57	9' @ 74'	19' @ 82'
	58	10' @ 82'	18' @ 87'
	59	11' @ 81'	21' @ 91'