

ST-1700-V

This all-in-one ST System includes a valve-in-head design for faster installation and maintenance for cooling, cleaning, and improving playability on synthetic turf sports fields.

KEY BENEFITS

- Nozzle choices: 5
- Standard nozzle: 20
- Nozzle range: 16 to 24
- Nozzle trajectory: 25°
- Total-Top-Service (TTS) design provides convenient no-dig servicing
- Valve-in-Head configuration simplifies installation
- Isolated, grease-lubricated gear drive
- Factory-installed rubber logo cap
- Arc adjustment: movable stops for left/right arc adjustment
- Ratcheting nozzle turret



OPERATING SPECIFICATIONS

- Radius: 32 to 48 m
- Flow: 21.0 to 58.8 m³/hr; 350 to 980 l/min
- Operating pressure range: 4.0 to 8.0 bar; 400 to 800 kPa
- Arc setting: 40° to non-reversing 360°
- Speed of rotation: 80 seconds at 6.0 bar; 600 kPa (single 180° sweep)
- Precipitation rate: 45 mm/hr approximately
- Warranty period: 5 years for component parts

USER-INSTALLED OPTIONS

- ST-IBS-1700; Infill barrier system
- Adapter, 2" (50 mm) male spigot x 2" (50 mm) male BSP: P/N 241400SP

ST-1700V NOZZLE PERFORMANCE DATA							
Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m ³ /hr	l/min	■	▲
16° Black	4.0	400	32.0	21.0	350	41.0	47.3
	5.0	500	35.0	22.7	379	37.1	42.8
	6.0	600	37.0	25.9	432	37.8	43.7
	7.0	700	38.5	28.1	469	38.0	43.9
	8.0	800	40.0	30.4	508	38.1	43.9
18° Black	4.0	400	34.0	24.3	405	42.0	48.5
	5.0	500	36.5	26.1	435	39.2	45.3
	6.0	600	38.5	28.8	481	38.9	44.9
	7.0	700	40.0	31.1	519	38.9	44.9
	8.0	800	42.0	33.8	564	38.3	44.3
20° Black	4.0	400	35.0	30.4	508	49.7	57.4
	5.0	500	39.0	34.3	572	45.1	52.0
	6.0	600	41.0	37.2	621	44.3	51.1
	7.0	700	43.0	40.9	681	44.2	51.0
	8.0	800	45.0	44.0	733	43.4	50.1
22° Black	4.0	400	35.5	34.9	582	55.4	63.9
	5.0	500	39.0	39.5	659	51.9	60.0
	6.0	600	43.0	42.9	715	46.4	53.6
	7.0	700	45.5	46.8	780	45.2	52.2
	8.0	800	47.0	50.4	841	45.7	52.7
24° Black	4.0	400	37.0	40.2	671	58.8	67.9
	5.0	500	40.5	45.6	761	55.6	64.2
	6.0	600	44.0	50.4	840	52.1	60.1
	7.0	700	47.0	54.5	908	49.3	57.0
	8.0	800	48.0	58.8	980	51.0	58.9

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