

MODELS

14003	<i>ProSport</i>
14003-SS	<i>ProSport Stainless Steel</i>
14003-BSP	<i>ProSport International</i>

OTHER OPTIONS: ADD TO PART NUMBER

-NN	No Nozzle
------------	-----------

PROSPORT™ 14003

The PROSPORT™ is K-Rain's next generation of professional rotors, designed specifically for sports turf applications. The PROSPORT™ easily handles areas from 45 to 75 feet.

The triple nozzle configuration ensures even watering across the field for water-conserving total coverage.

The PROSPORT™ friction-clutch allows for 360° forward and reverse movement of the nozzle turret. This does not damage the internal gear components. This well thought design dramatically reduces the need for contractor call backs. PROSPORT™ comes in a high speed version, ideal for quick wet downs and dust control.

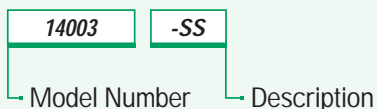


FEATURES/BENEFITS

- Revolutionary Patented Easy Arc Set—Easily adjusted from the top with a flat blade screwdriver.
- 2N 1 Adjustable or Continuous Rotation—Provides a full range of adjustment from 40° to a full 360°.
- Patented Arc Set Degree Markings—Shows the degree of adjustment with the point of an arrow on the top cover.
- Arc Memory Clutch—Returns rotor to its preset position automatically even after being tampered with.
- Time Proven Patented Reversing Mechanism—Assures continuous reverse and return...over a 20 year history.
- Ratcheting Riser—Easily adjust your left stop position by turning the riser.
- Heavy Duty Rubber Cover / Rubber Mud Guard—Protects against physical injury and reduces liability, allows sprinkler to be installed below grade.
- Wide Selection of Nozzles—Provides flexibility in system design to achieve matched precipitation.
- Factory Installed Check Valve—Prevents low head drainage, saves water and reduces liability.



HOW TO SPECIFY



EASY ARC SETTING



- Arc Selection 40° to Continuous 360°
Adjust From Left Stop

SPECIFICATIONS

- Inlet: 1" Threaded NPT Domestic 1" BSP: International
- Arc Adjustment Range: 40° to Continuous 360°
- Flow Range: 5.9 - 32.5 GPM
- Pressure Rating: 40 - 90 PSI
- Precipitation Rate: .3 to .78 Inches Per Hour
(Depending on Spacing and Nozzle Used)
- Overall Height (Popped Down): 9 1/2"
- Recommended Spacing: 40' to 65'
- Radius: 43' to 75'
- Nozzle Trajectory: 26°
- Riser Height: 4"



K-RAIN PROSPORT™ MODEL 14003

The ProSport is a gear-driven rotor capable of covering an area of 43' to 75' (13.1 to 22.9 M) radius at nozzle pressure of 40 to 90 PSI (2.76 to 6.21 bar) with a discharge rate of 5.9 to 32.5 GPM (22.3 to 123.0 LPM).

The ProSport is supplied with six (6) numerically coded interchangeable nozzles. Nozzle trajectory is 26° and incorporate three (3) discharge ports. The rotor has a stainless steel radius adjustment screw.

The ProSport provides both part and full circle adjustment from 40° to 360°. Coverage pattern is indicated by degree graduations and an arrow located on top of the sprinkler, which rotates to correspond with arc selected. True full circle operation by continuous rotation is provided by alignment of the indication arrow with the "360°" position locator marked on the top cover.

The rotor has a friction-clutch mechanism to allow for 360°+ forward or reverse movement of nozzle turret without damage to the internal gear components. The ProSport incorporates an "arc memory clutch" feature to allow original arc pattern to be automatically resumed following disturbance of nozzle turret setting.



The ProSport has a minimum of 4-inch (10 cm) pop-up stroke. The sprinkler has a 1-inch female thread inlet.

PROSPORT ■ PERFORMANCE DATA

PERFORMANCE			
NOZZLE	PRESSURE PSI	RADIUS FT.	FLOW GPM
#5	40	43'	5.9
	50	44'	6.2
	60	45'	6.4
	70	45'	7.6
#10 PRE-INSTALLED	50	49'	10.6
	60	53'	11.5
	70	53'	13.3
	80	54'	14.0
#15	50	52'	12.4
	60	54'	13.6
	70	56'	14.6
	80	58'	15.9
#20	60	56'	19.8
	70	58'	21.2
	80	59'	22.8
	90	60'	24.4
#25	60	59'	22.4
	70	66'	25.7
	80	67'	27.8
	90	68'	29.9
#30	60	60'	25.2
	70	72'	28.5
	80	73'	30.8
	90	75'	32.5

METRIC					
NOZZLE	PRESSURE		RADIUS METERS	FLOW RATE	
	kPa	BARS		L/M	M ³ /H
#5	276	2.76	13.11	22.3	1.34
	345	3.45	13.41	23.47	1.14
	414	4.14	13.72	24.22	1.45
	483	4.83	13.72	28.77	1.73
#10 PRE-INSTALLED	345	3.45	14.94	40.12	2.41
	414	4.14	15.85	44.28	2.66
	483	4.83	16.15	50.34	3.02
	552	5.52	16.46	52.99	3.18
#15	345	3.45	15.85	46.93	2.82
	414	4.14	16.46	58.67	3.52
	483	4.83	17.07	55.26	3.32
	552	5.52	17.68	60.18	3.61
#20	414	4.14	17.07	66.24	3.97
	483	4.83	17.68	71.54	4.29
	552	5.52	17.98	78.73	4.72
	621	6.21	18.29	82.14	4.93
#25	414	4.14	17.98	84.78	5.09
	483	4.83	20.12	97.28	5.84
	552	5.52	20.42	105.23	6.31
	621	6.21	20.73	113.18	6.79
#30	414	4.14	18.29	95.38	5.72
	483	4.83	21.95	107.88	6.47
	552	5.52	22.25	116.59	7.00
	621	6.21	22.86	123.03	7.38

Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced with nozzle retention screw.