

PROSPORT™



Designed specifically for sports turf applications
with head spacing from 40 to 65 feet.

- **Revolutionary Patented Easy Arc Set** – Simplified arc set allows for wet or dry adjustment in seconds.
- **Triple Nozzle Configuration** – Ensures even distribution of water.
- **2N1 Adjustable or Continuous Rotation** – Provides a full range of adjustment from 40° to a continuous full circle.
- **Patented Arc Set Degree Markings** – Clearly indicates the current watering pattern and simplifies arc set adjustment.
- **Arc Memory Clutch** – Prevents internal gear damage and returns rotor to its prior setting automatically if nozzle turret is forced past stop.
- **Time Proven Patented Reversing Mechanism** – Assures continuous reverse and return...over a 20 year history.
- **Ratcheting Riser** – Allows for easy adjustment of your left starting position with a simple turn of the riser.
- **Heavy Duty Rubber Cover and Mud Guard** – Protects against physical injury and reduces liability, allows sprinkler to be installed below grade.
- **Factory Installed Check Valve** – Prevents low head drainage.



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PROSPORT™

The PROSPORT™ is K-Rain's next generation of professional rotors, designed specifically for sports turf applications with head spacing from 40' to 65'.

The PROSPORT™ comes standard with a unique triple nozzle. The triple nozzle configuration consists of a primary nozzle for long distance and two secondary nozzles for mid-range and short distance coverage. This nozzle design provides even water distribution from 45' to 77'.

PROSPORT™ comes in a high speed version, ideal for quick wet downs and dust control.

Easy Arc Setting

Arc Selection 40° to 360°
Adjust From Left Start



Specifications

- Inlet: 1" Threaded NPT
Domestic 1" BSP: International
- Arc Adjustment Range:
40° to Continuous 360°
- Pressure Rating: 40 - 90 PSI
- Precipitation Rate: .3 to .78 in./hr.
(Depending on Spacing & Nozzle Used)
- Overall Height (Popped Down): 9 1/2"
- Recommended Spacing: 40' to 65'
- Radius: 45' to 77'
- Nozzle Trajectory: 26°
- Riser Height: 4"

Models

14003 PROSPORT™ Plastic







14053 PROSPORT™ High Speed Plastic

Other options add to part number:

- SS Stainless Steel
- BSP w/BSP Thread
- NN No Nozzle
- RCW Reclaimed Water Use

Performance Data







MODEL 14003 PERFORMANCE

NOZZLES	PRESSURE PSI	RADIUS FT.	FLOW GPM
	40	45'	5.1
	50	47'	5.9
	60	47'	6.5
	70	49'	7.1
	50	53'	10.6
	60	53'	11.8
	70	53'	12.6
	80	55'	13.5
	50	57'	13.0
	60	59'	14.2
	70	59'	15.4
	80	63'	16.5
	60	65'	18.9
	70	67'	20.5
	80	69'	21.9
	90	71'	23.2
	60	67'	22.8
	70	71'	24.8
	80	75'	26.5
	90	77'	26.8
	60	67'	23.7
	70	69'	25.6
	80	69'	27.5
	90	71'	29.2

METRIC

PRESSURE KPA	BARS	RADIUS METERS	FLOW L/M	FLOW M3/H
276	2.76	13.7	19.3	1.16
345	3.45	14.3	22.3	1.34
414	4.14	14.3	24.6	1.48
483	4.83	14.9	26.9	1.61
345	3.45	16.2	40.1	2.41
414	4.14	15.9	44.7	2.68
483	4.83	16.2	47.7	2.86
552	5.52	16.8	51.1	3.07
345	3.45	17.4	49.2	2.95
414	4.14	18.0	53.8	3.23
483	4.83	18.0	58.3	3.50
552	5.52	19.2	62.5	3.75
414	4.14	19.8	71.5	4.29
483	4.83	20.4	77.6	4.66
552	5.52	21.0	82.9	4.97
621	6.21	21.6	87.8	5.27
414	4.14	20.4	86.3	5.18
483	4.83	21.6	93.9	5.63
552	5.52	22.9	100.3	6.02
621	6.21	23.5	101.4	6.09
414	4.14	20.4	89.7	5.38
483	4.83	21.0	96.9	5.81
552	5.52	21.0	104.1	6.25
621	6.21	21.6	110.5	6.63

MODEL 14053 PERFORMANCE

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

METRIC

PRESSURE KPA	BARS	RADIUS METERS	FLOW L/M	FLOW M3/H
276	2.76	13.11	22.33	1.34
345	3.45	13.41	23.47	1.41
414	4.14	13.72	24.23	1.45
483	4.83	13.72	28.77	1.73
345	3.45	14.94	40.13	2.41
414	4.14	16.15	44.28	2.61
483	4.83	16.15	43.53	3.02
552	5.52	16.46	53.00	3.18
345	3.45	15.85	46.94	2.82
414	4.14	16.46	51.48	3.09
483	4.83	17.07	55.27	3.32
552	5.52	17.68	60.19	3.61
414	4.14	17.07	74.95	4.50
483	4.83	17.68	80.25	4.82
552	5.52	17.98	86.31	5.18
621	6.21	18.29	92.36	5.54
414	4.14	17.98	84.78	5.09
483	4.83	20.12	92.36	5.84
552	5.52	20.42	105.23	6.31
621	6.21	20.73	113.18	6.79
414	4.14	18.29	95.39	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.

How to Specify:

Model Number	Description
14003	-BSP

