



INNOVATIVE
IRRIGATION

komet | *Pivot*

LESA Low Elevation Spray Application

Komet Precision Spray (KPS)
360°

Komet Precision Spray (KPS)
180° Part Circle

Komet Precision Spray (KPS)
Dual Deflector



The Product

Low Elevation Spray Application (LESA) is based on fixed spray devices that are usually suspended no more than 3 feet (1 meter) above the soil surface. Due to their potential lower water usage and minimized risk of water losses (caused by wind drift and evaporation), LESA irrigation can be useful in regions that are prone to high temperatures, severe winds and pronounced water scarcity.

The Komet Precision Spray (KPS) series comprises three LESA sprinklers with fixed spray patterns - a 360° standard model, a 180° part circle model for dry wheel track applications, and a dual model for highflow machines.

Highly automated and manufactured from high-quality materials, Komet KPS sprinklers provide ideal distribution patterns for LESA applications. Adaptable with a wide range of pressures and nozzle sizes.

Features and Benefits:

- ▶ Ideal distribution patterns for LESA applications
- ▶ Optimal throw
- ▶ High quality materials and state-of-the-art injection molding
- ▶ Designed for maximum durability
- ▶ Suitable for a wide range of pressure and nozzle sizes



Komet Precision
Spray (KPS)
360°



Komet Precision
Spray (KPS)
180° Part Circle



Komet Precision
Spray (KPS)
Dual Deflector

Komet Precision Spray (KPS)

360°



BLUE DEFLECTOR
CC 33

komet Precision Spray (KPS) 360

Deflector Specifications				Operating Parameters				Installation								
Trajectory	Grooves	Type	Coverage	Nozzle range (1/128")	Pressure range (psi)	Flow range (gpm)	Spacing max. (ft)	Drop Type								
Concave	33	Medium	360°	8 - 52	6 - 30	0.28 - 26.30	11	All Types								
Nozzle Size (1/128")	Throw Diameter D (ft)												Stream Height S (in)			
	Installation Height H=3ft				Installation Height H=6ft				Installation Height H=9ft				Pressure (psi)			
	6		10		6		10		6		10		6		10	
8	15.8	19.5	23.1	26.0	19.3	23.9	28.2	31.9	21.7	26.9	31.8	35.9	1	2	2	2
16	19.9	24.7	29.1	32.9	24.3	30.2	35.6	40.2	27.4	34.0	40.1	45.3	1	3	4	4
23	22.4	27.8	32.9	37.1	27.5	34.1	40.3	45.4	30.9	38.4	45.3	51.1	2	4	5	6
29	24.3	30.1	35.5	40.1	29.7	36.9	43.5	49.1	33.4	41.5	49.0	55.3	2	5	5	6
34	25.6	31.7	37.5	42.3	31.3	38.9	45.9	51.8	35.3	43.8	51.7	58.3	3	5	6	7
40	27.0	33.5	39.6	44.7	33.1	41.1	48.5	54.7	37.3	46.2	54.6	61.6	3	6	7	8
45	28.1	34.9	41.2	46.5	34.4	42.7	50.4	56.9	38.8	48.1	56.7	64.1	3	6	7	9
52	29.5	36.6	43.2	48.8	36.1	44.8	52.9	59.7	40.7	50.5	59.6	67.2	4	7	8	10



BLACK DEFLECTOR
FL 33



GREY DEFLECTOR
FL 24



YELLOW DEFLECTOR
FL 30



MINI BLACK DEFLECTOR
FL 24



MINI TORQUOSE DEFLECTOR
FL

Komet Precision Spray (KPS)

180° Part Circle



BLUE DEFLECTOR
CC 15 - PC180°

komet Precision Spray (KPS) 180 Part Circle

Deflector Specifications				Operating Parameters				Installation								
Trajectory	Grooves	Type	Coverage	Nozzle range (1/128")	Pressure range (psi)	Flow range (gpm)	Spacing max. (ft)	Drop Type								
Concave	15	Medium	180°	8 - 40	6 - 30	0.28 - 15.54	11	Rigid drops only								
Nozzle Size (1/128")	Throw Radius R (ft)												Stream Height S (in)			
	Installation Height H=3ft				Installation Height H=6ft				Installation Height H=9ft				Pressure (psi)			
	6		10		6		10		6		10		6		10	
8	7.9	9.8	11.5	13.0	9.6	12.0	14.1	15.9	10.9	13.5	15.9	17.9	1	2	2	2
16	9.9	12.3	14.6	16.4	12.2	15.1	17.8	20.1	13.7	17.0	20.1	22.6	1	3	4	4
23	11.2	13.9	16.4	18.6	13.7	17.0	20.1	22.7	15.5	19.2	22.7	25.6	2	4	5	6
29	12.1	15.1	17.8	20.1	14.9	18.4	21.8	24.6	16.7	20.7	24.5	27.6	2	5	5	6
34	12.8	15.9	18.7	21.2	15.7	19.4	22.9	25.9	17.6	21.9	25.8	29.2	3	5	6	7
40	13.5	16.8	19.8	22.3	16.5	20.5	24.2	27.3	18.6	23.1	27.3	30.8	3	5	6	7

Komet Precision Spray (KPS)

Dual Deflector



BLUE DEFLECTOR
W/HOLE CC33

BLACK DEFLECTOR
FL 33

komet Precision Spray (KPS) Dual

Deflector Specifications				Operating Parameters				Installation								
Trajectory	Grooves	Type	Coverage	Nozzle range (1/128")	Pressure range (psi)	Flow range (gpm)	Spacing max. (ft)	Drop Type								
Flat	33	Medium	360°	30 - 52	6 - 30	3.92 - 26.30	11	All Types								
Nozzle Size (1/128")	Throw Diameter D (ft)												Stream Height S (in)			
	Installation Height H=3ft				Installation Height H=6ft				Installation Height H=9ft				Pressure (psi)			
	6		10		6		10		6		10		6		10	
30	23.0	29.2	32.8	37.1	26.9	33.5	40.7	43.3	2	5	5	6	6	6	6	6
34	23.6	30.2	33.5	38.1	28.9	34.8	42.0	44.6	3	5	6	7	7	7	7	7
40	25.6	32.5	37.4	40.0	30.8	38.7	44.0	45.9	3	6	7	8	8	8	8	8
45	27.6	35.1	39.7	44.3	32.8	40.0	45.9	49.9	3	6	7	9	9	9	9	9
52	29.2	38.7	41.0	45.9	36.1	42.0	46.6	51.2	4	7	8	10	10	10	10	10