

Komet Precision Twister (KPT) Models

komet | Precision Twister (KPT)



Black Deflector
Standard Trajectory Angle

komet | Precision Twister (KPT)



Blue Deflector
Low Trajectory Angle

komet | Precision Twister (KPT)



Yellow Deflector
Ultra-Low Trajectory Angle

komet | Precision Twister (KPT-Peak)



White Deflector
Low Profile Trajectory
For use on Top of Pipe

Komet Precision Regulator (KPR)



All Flow Pressure Regulator
Available Models:

6 psi | 0.4 bar
10 psi | 0.7 bar
15 psi | 1.0 bar
20 psi | 1.4 bar



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INNOVATIVE
IRRIGATION

komet | *Pivot*

Pivot Sprinkler Products
for Mechanized Irrigation Systems

THE KOMET ADVANTAGE:
INNOVATION WITH IMPACT

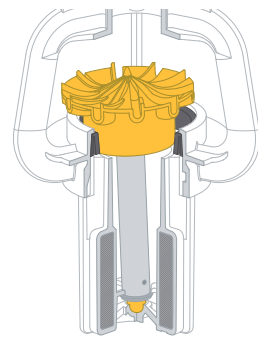
komet | Precision Twister (KPT)

Standard Trajectory Angle
#30 | 6 mm Nozzle size
10 psi | 0.7 bar Pressure
10 ft | 3 m Spacing

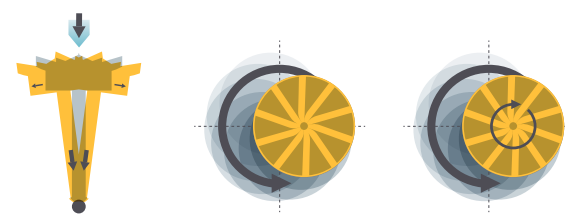


1 Distribution

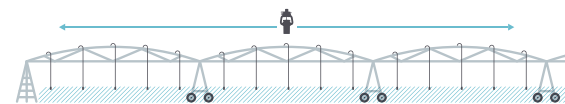
Komet 3-D Motion System



- Reacts very responsively to minimal pressure and flow
- Superior uniformity within the whole distribution pattern
- Consistent distribution uniformity over entire range of operation
- Large wetted diameter



Universal Pivot Sprinkler

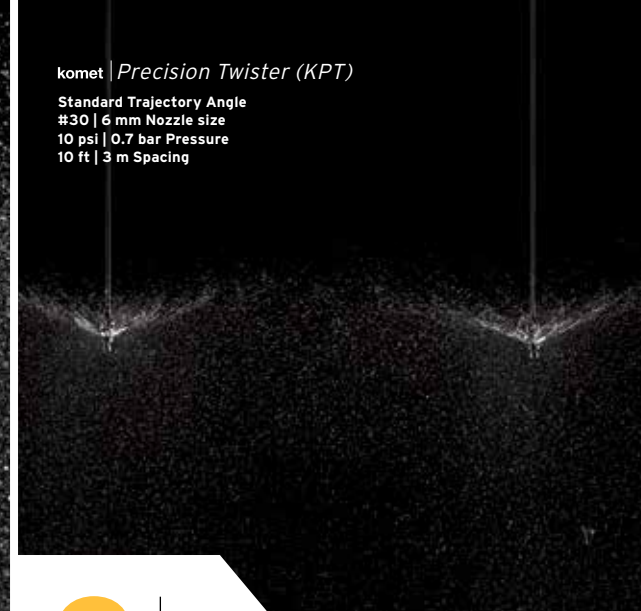


Komet Precision Twister (KPT)

- One sprinkler for the entire irrigation system
- Consistent distribution pattern from the pivot point to the end
- Pressure range: 6-20 psi | 0.4-1.4 bar
- Nozzle range: 10-52/128" | 2-10.3 mm

komet | Precision Twister (KPT)

Standard Trajectory Angle
#30 | 6 mm Nozzle size
10 psi | 0.7 bar Pressure
10 ft | 3 m Spacing



2 Consistency of Droplet Size

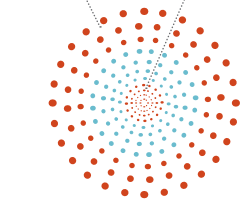
Komet Deflector



- Consistent water droplets over entire flow range
- Special groove configuration and surface design
- Reduced very fine droplets and misting

Typical droplet distribution of competitive devices

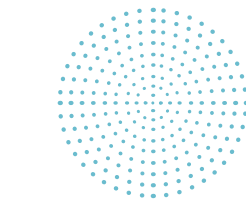
Droplets too large



Droplets too fine

Komet Precision Twister (KPT) Droplet distribution

Optimized droplet size consistency over whole wetted diameter

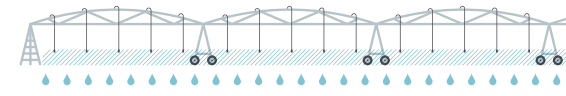


Consistent Droplet Size

1. Optimized distribution uniformity within the whole distribution pattern



2. Consistent distribution pattern throughout the entire irrigation system



3. Droplets controlled by pressure

10 psi | 0.7 bar
Medium droplets

15 psi | 1.0 bar
Moderately smaller droplets

6 psi | 0.4 bar
Moderately larger droplets

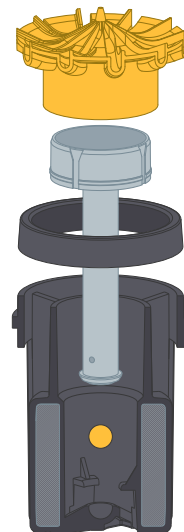
komet | Precision Twister (KPT)

Standard Trajectory Angle
#30 | 6 mm Nozzle size
Below 6 psi | 0.4 bar Pressure



3 Energy Efficiency

Komet Low Inertia Moving Parts

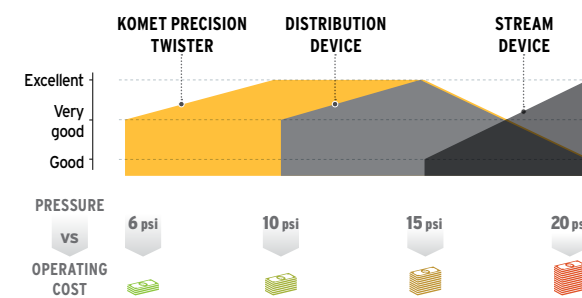


- Very efficient at low pressures
- No need for additional starting devices
- Designed with a focus on efficiency in operation
- Very good performance starting from 6 psi | 0.4 bar

Optimal Operating Pressure for Most Used Sprinklers

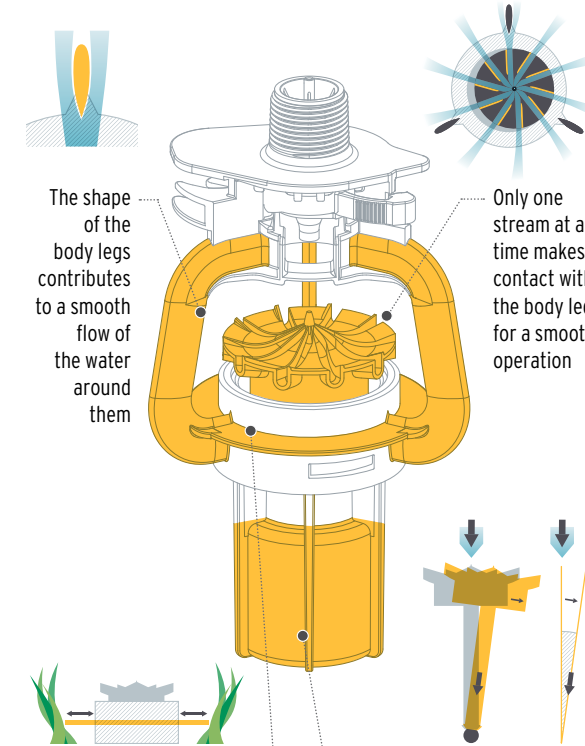
Komet Precision Twister	Competitor's distribution device	Competitor's stream device
10 psi	15 psi	20 psi

Sprinkler Device Efficiencies



4 Reliability

Komet Design - Quality

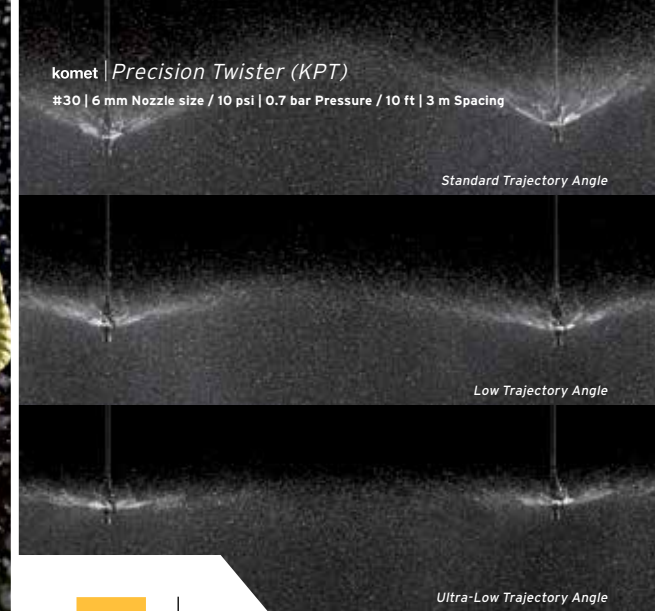


A crop guard keeps the deflector rotating in tall crops. Exclusive design of moving parts results in reduced stress and minimized wear.

- Very smooth operation by design
- Integrated weight 0.75 lb | 350 gr
- Very little vibration
- Shock proof and UV resistant technical polymers
- Field proven in a variety of conditions

komet | Precision Twister (KPT)

#30 | 6 mm Nozzle size / 10 psi | 0.7 bar Pressure / 10 ft | 3 m Spacing



5 Adaptability

Komet Trajectory Angles



Black Deflector
Standard Trajectory Angle
For most applications



Blue Deflector
Low Trajectory Angle
For applications in windy conditions



Yellow Deflector
Ultra-Low Trajectory Angle
For extreme conditions such as high winds, high heat and/or low flow



White Deflector
Low Profile Trajectory
For use on top of pipe
For tall, dense crop types

Komet Rapid Fit Nozzle



- Ergonomically designed
- Intuitive to use and fast to change
- Easy to identify nozzle sizes



1. Insert



2. Rotate to install



3. Click to secure

Integrated Nozzle Carrier



- Secondary nozzle carrier molded into the sprinkler body. Adapt to different system flow requirements by using a second nozzle