

PERFORMANCE

ADJUSTABLE NOZZLE		MOD 8 RADIUS 2,4M TRAJECTORY 5°		MOD 10 RADIUS 3,0M TRAJECTORY 10°		MOD 12 RADIUS 3,7M TRAJECTORY 15°		MOD 15 RADIUS 4,6M TRAJECTORY 20°		MOD 17 RADIUS 5,2M TRAJECTORY 26°	
ARC	PRESSURE (BAR)	FLOW RATE (l/MIN)	RADIUS (M)	FLOW RATE (l/MIN)	RADIUS (M)	FLOW RATE (l/MIN)	RADIUS (M)	FLOW RATE (l/MIN)	RADIUS (M)	FLOW RATE (l/MIN)	RADIUS (M)
360°	1	6,8	2,1	7,2	2,7	9,2	3,0	10,0	4,1	12,0	4,3
	1,5	8,0	2,4	9,6	3,0	10,8	3,4	12,0	4,3	14,0	4,8
	2	9,6	2,4	10,8	3,0	12,0	3,7	14,0	4,6	16,0	5,1
180°	1	3,4	2,1	3,6	2,7	4,6	3,0	5,0	4,1	6,0	4,3
	1,5	4,0	2,4	4,8	3,0	5,4	3,4	6,0	4,3	7,0	4,8
	2	4,8	2,4	5,4	3,0	6,0	3,7	7,0	4,6	8,0	5,1
90°	1	1,7	2,1	1,8	2,7	2,3	3,0	2,5	4,1	3,0	4,3
	1,5	2,0	2,4	2,4	3,0	2,7	3,4	3,0	4,3	3,5	4,8
	2	2,4	2,4	2,7	3,0	3,0	3,7	3,5	4,6	4,0	5,1

LPSM SERIES SPRAYS

MODEL	DESCRIPTION
LPSM200	LPSM 2" Sprayhead without nozzle pop-up height 5 cm
LPSM208	LPSM 2" Sprayhead with nozzle 8' TF-VAN, pop-up height 5 cm
LPSM210	LPSM 2" Sprayhead with nozzle 10' TF-VAN, pop-up height 5 cm
LPSM212	LPSM 2" Sprayhead with nozzle 12' TF-VAN, pop-up height 5 cm
LPSM215	LPSM 2" Sprayhead with nozzle 15' TF-VAN, pop-up height 5 cm
LPSM217	LPSM 2" Sprayhead with nozzle 17' TF-VAN, pop-up height 5 cm
LPSM400	LPSM 4" Sprayhead without nozzle pop-up height 10 cm
LPSM408	LPSM 4" with nozzle 8' TF-VAN, pop-up height 10 cm
LPSM410	LPSM 4" with nozzle 10' TF-VAN, pop-up height 10 cm
LPSM412	LPSM 4" with nozzle 12' TF-VAN, pop-up height 10 cm
LPSM415	LPSM 4" with nozzle 15' TF-VAN, pop-up height 10 cm
LPSM417	LPSM 4" with nozzle 17' TF-VAN, pop-up height 10 cm

TF-VAN VARIABLE ARC NOZZLES

TF-VAN8	TF-VAN nozzle (8') female, Variable Arc Pattern from 0° to 360° (green)
TF-VAN10	TF-VAN nozzle (10') female, Variable Arc Pattern from 0° to 360° (blue)
TF-VAN12	TF-VAN nozzle (12') female, Variable Arc Pattern from 0° to 360° (brown)
TF-VAN15	TF-VAN nozzle (15') female, Variable Arc Pattern from 0° to 360° (black)
TF-VAN17	TF-VAN nozzle (17') female, Variable Arc Pattern from 0° to 360° (grey)

TORO®

LPSM SERIES SPRAYS
TF-VAN VARIABLE ARC
NOZZLES

THE TORO LPSM SERIES IS A FAMILY OF POP-UP SPRAYHEADS WITH A COMPACT DESIGN THAT ENSURES FLEXIBILITY, RELIABILITY AND CONVENIENCE.
IT IS IDEAL FOR SMALL AND MEDIUM-SIZED SYSTEMS AND IS ADAPTABLE TO BOTH FIXED AND VARIABLE ARC NOZZLES.



TORO®

LPSM SERIES SPRAYS

FEATURES

- One-piece moulded sprinkler body for increased durability
- Self-cleaning active seal to remove debris from the lifting piston
- Stainless steel spring that ensures proper riser retraction
- Nozzles with matched precipitation
- The arc of the nozzles can be adjusted even when the sprinkler is running
- Available with pre-installed TF-Van nozzles with 8', 10', 12', 15', 17' radius

ADDITIONAL FEATURES

ANTI-DEBRIS LABEL

Applied on models without nozzle

PRESSURE ACTIVATED SEAL

Minimizes flow-by during pop-up and keeps debris away from stem during retraction

STAINLESS STEEL RETRACTION SPRING

This heavy-duty spring ensures positive pop-down

EASY GRIP TOP

Unique grip-and-turn adjustment from the top of the nozzle – wet or dry

REMOVABLE COMPONENTS

Nozzle, screen and internal components are easily removed for flushing and servicing



SPECIFICATIONS

- Radius: 2,1–5,1 m
- Exposed diameter: 3,18 cm
- Recommended operating pressure: 1,5–3,0 bar
- Body height:
 - LPSM 200: 10,5 cm
 - LPSM 400: 15,5 cm
- Recommended pressure for TF-VAN nozzles: 2,1 bar
- Adjustable from 0° to 360°
- Nozzles identifiable by the top with different colors
- Flow Rate: 1,7 – 16,0 l/min



TF-VAN

TF-VAN VARIABLE ARC NOZZLES

The TF-Van adjustable nozzles allow you to adjust the arc according to need and to reduce the range thanks to the jet breaker screw. In addition, they offer excellent tolerance to dirt and highly uniform performance.

FEATURES

- Excellent emission uniformity
- Excellent dirt tolerance
- Pre-assembled filter for easy installation
- Possibility of a radius reduction up to 25%
- Colour code for easy radius identification
- Male thread compatible with LPSM sprinklers

ADDITIONAL FEATURES

MATCHED PRECIPITATION RATES

Ensures all nozzles with a common radius apply water at approximately the same rate

UNIQUE GRIP AND TURN ADJUSTMENT

Requires no tools and makes arc setting fast and simple
Adjust from the top of the nozzle – wet or dry

INFINITELY ADJUSTABLE FROM “FROM 0° TO 360°”

The TF-VAN provides a variety of arc settings to precisely match any terrain and reduces inventory by meeting the needs of any size or shape landscape

FIVE COLOR-CODED NOZZLES

Allows for quick and easy identification even when retracted

STAINLESS STEEL ADJUSTMENT SCREW:

allows up to 25% radius reduction

NOZZLE ARC ADJUSTMENT

opens from a fixed right stop position indicated by an arrow on the top

