

## LWP 2450

### LOW WORKING PRESSURE IMPACT SPRINKLER

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#### APPLICATIONS

Vegetables and open field crops, open field nurseries, crop germination, cooling of fruit orchards.

#### BENEFITS AND FEATURES

##### Achieves high yields & Saves operation costs

- The LWP 2450 sprinkler reduces operating costs and saves money thanks to its ability to work at low pressure.
- The LWP 2450 is design to achieve a good water distribution uniformity, although the low sprinkler operation pressure.

##### Saves labor costs and multiple expenses on maintenance

- High robustness - The LWP 2450 special design makes the sprinkler more resistible thus ensuring high performance and durability.
- Extended product life - The LWP 2450 is made of UV-protected materials, and is durable under all climate conditions and nutrients injected in agricultural applications.
- Flexible installation - Can be installed on solid sets or on removable field stands.
- Easy to maintain - A special nozzle key is designed to allow continuous cleaning of the nozzle even under pressure.

#### SPECIFICATIONS

- 3 different nominal flow rates: 350, 380, 450 l/h.  
Nominal flow rates at 1.5 bar pressure.
- Recommended working pressure: 1.0 to 2.0 bar (at the sprinkler head).
- Wherever sand exceeding 2 ppm exists in the water, Hydrocyclone shall be installed to protect the system.  
When sand / silt / clay solids exceed 100 ppm, pretreatment will be applied following Netafim™ expert team's instructions.
- Water trajectory: 24 degrees
- Inlet connection: 1/2" male threaded.
- Color coded nozzles for easy identification.

## PERFORMANCE TABLE

NOZZLE SIZE (MM)	CODE COLOR	WORKING PRESSURE (BAR)	FLOW RATE (L/H)	WETTED DIAMETER* (M)	PRECIPITATION (MM/H)				
					SPACING (M X M)				
					8 X 8	8 X 10	9 X 9	9 X 10	10 X 10
2.0 + 1.8	White + lime green	1.0	286	17	4.5	3.6	3.5	3.2	2.9
		1.5	350	20	5.5	4.4	4.3	3.9	3.5
		2.0	404	21	6.3	5.1	5.0	4.5	4.0
2.2 + 1.8	Brown + lime green	1.0	310	18	4.8	3.9	3.8	3.4	3.1
		1.5	380	20	5.9	4.8	4.7	4.2	3.8
		2.0	439	21	6.9	5.5	5.4	4.9	4.4
2.5 + 1.8	Purple + lime green	1.0	367	19	6.4	5.1	5.0	4.5	4.1
		1.5	450	21	7.0	5.6	5.6	5.0	4.5
		2.0	520	22	9.0	7.2	7.1	6.4	5.8

\* at least 0.5 mm/h


\*\*Performance table prepared under laboratory conditions, sprinkler head 1.0 meter above ground

CU = or > than 92%	CU = or > 88% and < 92%	CU = or > 86% and < 88%	CU < 86%
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## PACKAGING DATA

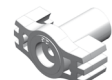
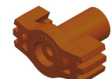


MODEL	QUANTITY P/BOX UNIT	BOX SIZE (CM X CM X CM)	BOX WEIGHT (KG)	BOXES P/PALLET	TOTAL UNITS P/PALLET	PALLET WEIGHT (KG)
LWP 2450	200	54 x 22 x 48	13.0	20	4000	270

## LWP 2450 CATALOG NUMBERS




NOZZLE SIZE (MM)	CODE COLOR	FLOW RATE (L/H) *	CATALOG NUMBER	SPRINKLER ILLUSTRATION
2.0 + 1.8	White + lime green	350	60100-004000	
2.2 + 1.8	Brown + lime green	380	60100-004001	
2.5 + 1.8	Purple + lime green	450	60100-004002	

\*Nominal flow rate at 1.5 bar working pressure

## LWP 2450 SPRINKLER NOZZLES

NOZZLE SIZE (MM)	CODE COLOR	CATALOG NUMBER	PRODUCT DRAW
Front nozzle 2.0	White	60100-004070	
Front nozzle 2.2	Brown	60100-004071	
Front nozzle 2.5	Purple	60100-001150	
Rear nozzle 1.8	Lime green	60100-001300	

## COMPLEMENTARY PRODUCTS

PRODUCT DESCRIPTION	CATALOG NUMBER	CONNECTOR ILLUSTRATIONS	PRODUCT DESCRIPTION	CATALOG NUMBER	CONNECTOR ILLUSTRATIONS
SOCKET 1/2" FTH - 1/2" FTH	65080-004500		LWP 2450 CLIP NOZZLE TOOL	1 UNIT 60100-001410	
REDUCER COUPLING 3/4" FTH - 1/2" FTH	65080-004600			50 UNITS/BOX 60100-001420	

## SPRINKLER STANDS

MEGA-RISER 1/2" 0.4 M LENGTH 1/2" MTH - 1/2" FTH		MEGA-SUPPORTING ARM		MEGA-BASE	
64520-002490		64520-002485		64520-002480	
IMP SPR STAND 9*12 120CM W/OSTK F&S PE		IMP SPR STAND 9*12 120CM W/OSTK F&S FLX			
64520-004900		64520-004910			

For additional information on sprinklers stands and assembly instructions please review LWP 2450 user manual