

LWP 2450

Low working pressure 1/2" impact sprinkler with 24degrees water trajectory angle, for field crops and vegetable irrigation.



Low operation pressure



Robust & long lasting



Reduced labor cost

Applications



Open field crop & vegetable irrigation



Crop germination



Orchards cooling

/ Benefits & Features

→ Saves operation costs

LWP 2450 is designed to work with relatively low pressure, thus reduces operating costs and saves energy and infrastructure investments

The product is designed to achieve a good water distribution uniformity, although the low sprinkler operation pressure

→ Robust product & long lasting performances

LWP 2450 special design makes the sprinkler more resistible thus ensuring high performance and durability

→ Reduced labor cost & easy maintenance

Versatile installation. Can be installed on solid sets or on removable field stands

Easy to maintain. A special nozzle key is designed to allow simple cleaning of the nozzles

LWP 2450 is made of UV-protected materials, making it durable under all climate conditions and with any applied

Specifications & Recommendations

- ✓ Low pressure 1/2" impact sprinkler with 24degrees water trajectory angle, for full coverage installation with spacing up to 10X10 meters
- ✓ 3 different flow rates: 350, 380, 450l/h
- ✓ Nominal flow rate at: 1.5bar
- ✓ Rec. pressure range: 1.0 - 2.0bar
- ✓ Water Trajectory angle: 24degrees
- ✓ Water distribution is achieved by combination of 2 nozzles. Front nozzle and rear nozzle
- ✓ 1 type of inlet connector: 1/2" male threaded
- ✓ Color coded of the nozzles for easy identification of the flow rate
- ✓ Made of UV-protected materials, durable to all climate conditions and nutrients injected in agricultural applications
- ✓ Recommended filtration, according to Netafim's instructions*

*Note: Filtration method shall be selected based on the type and concentration of the dirt particles contained in the water. Wherever sand exceeding 2ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Wherever sand/ silt/ clay solids exceed 100ppm, pre-treatment shall be applied according to Netafim™ instructions

→ Technical Data

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	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	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 0.5mm/h

**Performance table prepared under laboratory conditions, sprinkler head 1.0meter 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 Weigh (kg)	Boxes P/Pallet	Total Units P/Pallet	Pallet Weigh (kg)
LWP 2450	200	54 x 22 x 48	13.0	20	4000	270

→ LWP Nozzles

Product Illustration	Nozzle Size (mm)	Code Color	Qty. Per Box	Catalog Number Per Box*
	Front nozzle 2.0	White	500	60101-000833
	Front nozzle 2.2	Brown	500	60101-000834
	Front nozzle 2.5	Purple	500	60101-000801
	Rear nozzle 1.8	Lime green	500	60101-000806

*The catalog number is for full box of nozzles

→ Catalog Numbers

Nozzle size (mm)	Code color	Flow rate (l/h) *	catalog number
2.0 + 1.8	White	350	60100-004000
2.2 + 1.8	Brown + Lime green	380	60100-004001
2.5 + 1.8	Purple	450	60100-004002

*Nominal flow rate at 1.5bar working pressure

→ Sprinklers Stands & Complementary Products

Product Illustration	Description	Catalog Number
Vegetable Stand		
	IMP SPRINKLER STAND 9*12 120CM W/O STK F&S PE	64520-004900
	IMP SPRINKLER STAND 9*12 120CM W/O STK F&S FLX	64520-004910
NetaStand™ Base		
	BASE NETASTAND™ FEMALE THREAD 1/2" 24/CAR: BASE FOR 1/2" RISER Order by box: 1 box contain 24 units	60101-000900
	BASE NETASTAND™ FEMALE THREAD 3/4" 24/CAR: BASE FOR 3/4" RISER. Order by box: 1 box contain 24 units	60101-000901
Riser		
	MEGA-RISER 1/2" - 0.4MLENGTH - 1/2" MTH - 1/2" FTH	64520-002490
	PLASTIC RISER 3/4" MALE FEMALE THREAD 40CM COMPLETE	60101-000650
Adapters For NetaStand™ PE		
	NETASTAND™ ADAPTOR PE 50MM	60101-000935
	NETASTAND™ ADAPTOR PE 63MM	60101-000936
Pre-Cut FlexNet™ And Adaptors For NetaStand™ FlexNet™		
	NETASTAND™ 9M FXN HPPP 2" W/ 2"CONC 120 SETS/PALLET	60101-000964
	NETASTAND™ 10M FXN HPPP 2" W/2"CONC 120 SETS/PALLET	60101-000965
	NETASTAND™ 12M FXN HPPP 2" W/2"CONC 120 SETS/PALLET	60101-000966
	NETASTAND™ PLUG	60101-000953
Complementary Products		
	SOCKET 1/2" - 1/2" FEMALE-FEMALE THREAD	65080-004500
	ANTI-THEFT CONNECTOR 20 MM (GREY) - 1000 UNITS/BOX + 20 KEYS	60101-000210
	ANTI-THEFT CONNECTOR 20 MM (GREY) - 100 UNITS/BAG	60101-000200
	ANTI-THEFT CONNECTOR 1/2" (WHITE) - 1000 UNITS/BOX + 20 KEYS	60101-000110
	ANTI-THEFT CONNECTOR 1/2" (WHITE) - 100 UNITS/BAG	60101-000100
	ANTI-THEFT KEY (BLUE) - 20 UNITS/BAG	60101-000300

For additional information on sprinklers stands and assembly instructions please review "Sprinklers Stands" section