HYDRO-RAIN®
Built for Speed®

HRX 075

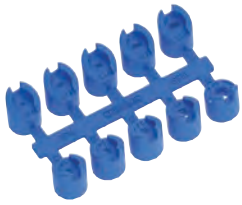
Hydro-Rain's top performing rotary sprinkler for lawn and garden areas is the HRX 075. Through its broad selection of precision nozzles, the HRX provides industry-leading distribution uniformity for any landscape. Putting water just where you need it - that's the engineering development mission behind the manufacturing of Hydro-Rain's HRX Series Rotors.

BUILT FOR SPEED FEATURE

- **Easy Nozzle Identification—**Numbering system is equal to the flow rate in both standard and low angle nozzles, for hassle free selection.

FEATURES & BENEFITS

- **Uniform Coverage**—Unprecedented matched precipitation and radius across all nozzles #1 through #4 and low angle series nozzles.
- **Easy-to-Match Precipitation Nozzle System**—To achieve best matched precipitation use Nozzle #1 for 90° patterns, #2 for 180° pattern, #3 for 270°, and #4 for 360° arc adjustment.
- **Rubber Cover**—Keeps the dirt out of adjustment components.
- **Lubricated Gear Assembly—** For years of reliable use.
- **Precision Reversing Mechanism**—Provides years of smooth non-delayed forward and reverse rotation.
- **Adjustable**—Key adjusts arc from 40 to 360 degrees, and radius can be reduced up to 25 percent.



MODELS	SKU	DESCRIPTION
HRX 075	01010	HRX 075 4" Rotor w/Adj Pattern

HOW TO SPECIFY

HRX 075 ADJ

MODEL	SIZE	OPT. FEATURES
Hydro-Rain Rotor	¾" NPT	Nozzle # 1 to 4

HYDRO-RAIN ▸ (ph) 888-HYDRORAIN (fx) 801.203.1179 ▸ www.hydrorain.com ▸ 915 Overland Street, North Salt Lake, UT 84054

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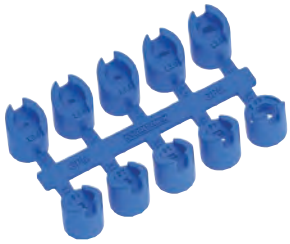
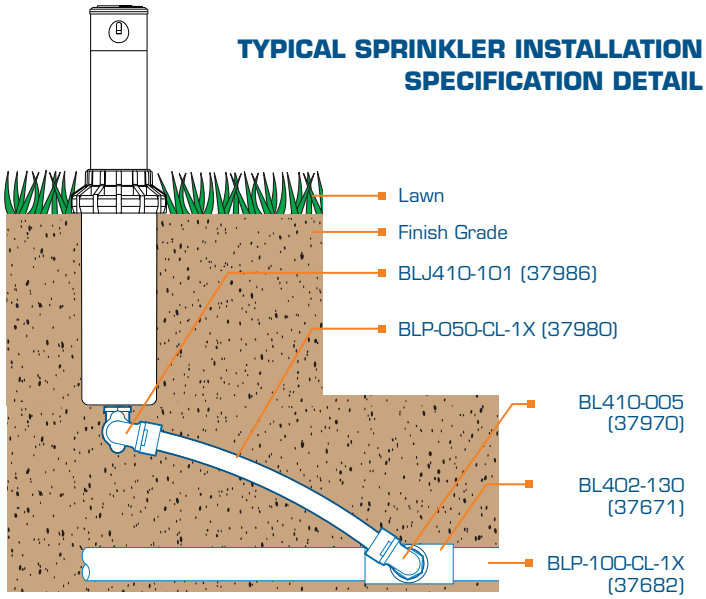
OPERATION RANGE
- Radius: 22' to 52' (6.7 to 15.9 m)
- Pressure 30-70 psi (2.1 to 4.8 Bars: 206 to 482 kPa)

SPECIFICATIONS
- 3/4" FNPT bottom inlet
- Nozzle outlet trajectory is 25 degree standard or 13 degrees low angle

DIMENSIONS
- Overall Height: 7-3/8' (19 cm)
- Exposed surface diameter: 1-3/4" (4 cm)
- Popup Height: 4" (10 cm)



TYPICAL SPRINKLER INSTALLATION SPECIFICATION DETAIL



Quarter	
1.0	L0.5

Half	
2.0	L1.0

Three-Quarter	
3.0	L1.5

Full	
4.0	L2.0

Half
8.0 8.0 nozzle is designed for single-head field and pasture applications; sprays 52 ft. at 60 PSI

For optimal matched precipitation use the suggested nozzle when the indicated pattern is set.

*All Precipitation rates were calculated using 180° operation. The precipitation rate for 360° of operation would be half of the value in the table.

AVERAGE

Nozzle	Pressure	Radius	Flow	Precipitation rate*	
	PSI	Feet	GPM	Square	Triangle
1	25	28	0.7	0.18	0.20
	35	30	0.9	0.18	0.21
	45	31	1.0	0.20	0.23
	55	31	1.1	0.22	0.26
	65	31	1.3	0.26	0.30
2	25	31	1.4	0.28	0.32
	35	34	1.7	0.29	0.34
	45	35	2.0	0.32	0.37
	55	36	2.3	0.35	0.41
	65	37	2.5	0.36	0.42
3	25	31	2.1	0.43	0.49
	35	35	2.6	0.41	0.48
	45	38	3.0	0.41	0.47
	55	39	3.3	0.41	0.48
	65	40	3.6	0.43	0.49
4	25	33	2.8	0.50	0.57
	35	38	3.4	0.46	0.53
	45	40	4.0	0.49	0.56
	55	42	4.5	0.50	0.58
	65	43	5.0	0.51	0.59
8	25	36	6.0	0.89	1.03
	35	45	7.1	0.68	0.79
	45	50	8.0	0.63	0.73
	55	51	8.8	0.66	0.76
	65	52	9.6	0.68	0.79

AVERAGE

Nozzle	Pressure	Radius	Flow	Precipitation rate*	
	PSI	Feet	GPM	Square	Triangle
L0.5	25	24	0.3	0.10	0.12
	35	26	0.4	0.11	0.13
	45	28	0.5	0.12	0.14
	55	29	0.6	0.14	0.16
	65	31	0.7	0.14	0.16
L1	25	23	0.7	0.26	0.30
	35	26	0.9	0.25	0.29
	45	29	1.0	0.23	0.26
	55	31	1.2	0.25	0.29
	65	32	1.4	0.27	0.31
L1.5	25	23	1.2	0.44	0.50
	35	27	1.3	0.35	0.40
	45	29	1.5	0.34	0.40
	55	31	1.7	0.35	0.40
	65	32	1.9	0.36	0.42
L2	25	23	1.6	0.58	0.67
	35	27	1.8	0.49	0.57
	45	29	2.0	0.45	0.52
	55	32	2.2	0.43	0.49
	65	33	2.4	0.42	0.49
L3	25	30	2.6	0.57	0.65
	35	36	2.8	0.42	0.48
	45	40	3.0	0.37	0.43
	55	41	3.3	0.37	0.43
	65	42	3.5	0.38	0.44

Build It GREEN™ MEMBER

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