



HR-S1.1/328 Features and Specs



Solar Drive 1.1" x 328'

version: 9-1-2018

Standard features:

- ◆ Driven by electric motor with pinion gear that drives the crown gear.
- ◆ Solar panels keep batteries charged for continuous operation.
- ◆ Easy electric speed adjustment switch with 4 selectable speeds.
- ◆ Adjustable brake for drum during pull out.
- ◆ Hose guide system with steel level wind bar.
- ◆ Electric ball valve for automatic water shut down at end of run.
- ◆ Fully hot dipped galvanized drum and frame with aluminum panels.
- ◆ Hot dipped galvanized sprinkler cart.
- ◆ Sprinkler cart is ready for transport at end of run, no loading needed.
- ◆ Draw bar with clevis for tractor draw bar, riding mower, ATV, UTV, or other vehicle.
- ◆ Tuf-Skin stainless steel liquid filled pressure gauge included.

Clevis draw bar
with hitch pin:



Options:

- ◆ Optional high speed motor for faster speeds.

Specifications:

- ◆ 1.05" I.D. x 328' long PE hose (32mm x 100m).
- ◆ 3/4" MBSP on sprinkler cart with 1" MBSP adapter for Sime Funny sprinkler. 3/4" BSP couplers available for Sime Silver.
- ◆ 13' rubber supply hose with 1" camlock fittings (female camlock for connection to the traveler, male camlock for connection to water supply).
- ◆ 1" female camlock x 1" FPT included for connection to water supply.

1" Male
Camlock
inlet on
hose reel:



1" Female
Camlock
x 1" FPT:



HR-S1.1/328

E-Sport 6 Series



Dimensions and Performance

Dimensions:

- ◆ 47" wide.
- ◆ 96" long with draw bar in transport position.
- ◆ 35" to top of frame in irrigating position.

Weights:

- ◆ 380 lbs dry.
- ◆ 490 lbs full of water.



E-Sport series inlet pressure = 90 PSI max

version: 9-1-2018

I.D. PE HOSE INCHES				PE HOSE LENGTH FEET			inlet psi	Standard Motor				OPTIONAL high speed motor						
1.1				328				Speed in feet per hour				Speed in feet per hour						
nozzle diam mm	nozzle psi	theoric throw feet	GPM	Irrigated Area with 80% wetted diameter		Irrigated area acres		13	30	43	59	39	90	129	177			
				Width ft	Length ft		Precipitation rate in inches				Precipitation rate in inches							
4	20	33.1	3.1	53	355	0.43	0.44	0.19	0.13	0.10	0.15	0.06	0.04	0.03				
	30	40.6	3.8	65	360	0.54												
	45	49.7	4.7	80	368	0.68												
	60	57.4	5.4	92	374	0.79												
5	20	37.1	4.9	59	358	0.48	0.61	0.26	0.18	0.13	0.20	0.09	0.06	0.04				
	30	45.4	6.0	73	364	0.61												
	45	55.6	7.4	89	372	0.76												
	60	64.2	8.5	103	379	0.90												
6	20	40.6	7.1	65	360	0.54	0.80	0.35	0.24	0.18	0.27	0.12	0.08	0.06				
	30	49.7	8.6	80	368	0.58												
	45	60.9	10.6	97	377	0.84												
	60	70.3	12.2	112	384	0.99												
7	20	43.8	9.6	70	363	0.58	1.01	0.44	0.31	0.22	0.34	0.15	0.10	0.07				
	30	53.7	11.8	86	371	0.73												
	45	65.8	14.4	105	381	0.92												
	60	75.9	16.6	122	389	1.09												
8	20	46.9	12.5	75	365	0.63	1.24	0.54	0.37	0.27	0.41	0.18	0.12	0.09				
	30	57.4	15.4	92	374	0.79												
	40	66.3	17.7	106	381	0.93												
	50	74.1	19.8	119	387	1.06												
9	20	49.7	15.9	80	368	0.68	1.48	0.64	0.45	0.33	0.49	0.21	0.15	0.11				
	30	60.9	19.4	97	377	0.84												
	40	70.3	22.5	112	384	0.99												
	45	74.6	23.8	119	388	1.06												
Actual performance may vary.							Hours for full run:				25.2	10.9	7.6	5.6	8.4	3.6	2.5	1.9

Sprinkler performance chart information is based on theoretic formulas for estimates only. Actual field conditions may vary depending on the water supply, type of sprinkler, wind conditions, terrain elevations, and other factors. Universal Sales nor Irriland shall be held responsible for any inaccuracies in this information. Specs subject to change without notice. Pictures are representative only, actual product may vary.