



HR-T1.6/426 Features and Specs

T1.6/426 shown in irrigation position at end of run.

To move the traveler, pull down on the draw bar to lift the sprinkler cart off the ground and connect the draw bar to a tractor or other tow vehicle.



Standard features:

- ◆ Fully hot dipped galvanized drum and frame.
- ◆ Driven by high efficiency partial flow turbine and oil filled gear box with pinion gear that drives the hot dipped galvanized crown gear.
- ◆ Easy speed adjustment with ball valve on turbine bypass.
- ◆ Automatic brake on the gear box during pull out.
- ◆ Hose guide system with steel level wind bar.
- ◆ Automatic shut down valve at end of run.
- ◆ PTO shaft on gear box and hand wheel included.
- ◆ Hot dipped galvanized sprinkler cart with solid rubber wheels.
- ◆ Sprinkler cart is ready for transport at end of run, no loading needed.
- ◆ 5' draw bar with clevis for tractor draw bar, ATV, UTV, or other vehicle.
- ◆ Tuf-Skin stainless steel liquid filled pressure gauge included.

Optional accessories:

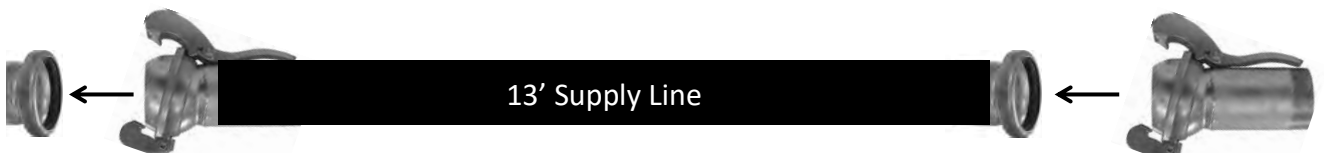
- ◆ Booster pump cart.
- ◆ Hook adapters for valve opening elbow hydrants:



Specifications:

- ◆ 1.6" I.D. x 426' long HDPE hose (50mm x 130m).
- ◆ 1.25" MBSP on sprinkler cart with 1.5" MBSP adapter for Sime Hidra sprinkler, or equal. Remove the adapter to use a Sime K1 sprinkler.
- ◆ 13' rubber supply hose with 2" B type fittings (male B type for connection to the traveler, female B type for connection to water supply).
- ◆ 2" B type male x 2" MPT included for connection to water supply.

2" B type female inlet on hose reel:



13' Supply Line

2" B type Male x 2" MPT:



HR-T1.6/426

Sport 10 Series



Dimensions and Performance

Dimensions:

- ◆ 60" wide.
- ◆ 120" long with draw bar in transport position.
- ◆ 52" to top of drum.

Weights:

- ◆ 760 lbs dry.
- ◆ 1140 lbs full of water.



Sport series inlet pressure = 90 PSI max

version: 4-1-2019

I.D. PE HOSE INCHES				PE PIPE LENGTH FEET			SPEED FT/HR		SPEED FT/HR		SPEED FT/HR		SPEED FT/HR		SPEED FT/HR	
1.6				426			15		20		30		40		50	
nozzle diam mm	nozzle psi	theoric throw feet	gpm	Irrigated Area with 80% wetted diameter		Irrigated area acres	Pr. rate inch	inlet pres psi	Pr. rate inch	inlet pres psi	Pr. rate inch	inlet pres psi	Pr. rate inch	inlet pres psi	Pr. rate inch	inlet pres psi
				Width ft	Length ft											
8mm	30	57.5	15.4	92	484	1.02	1.07	34	0.80	35	0.54	35				
8mm	40	66.4	17.8	106	492	1.20	1.07	45	0.80	46	0.54	46				
8mm	50	74.3	19.9	119	500	1.36	1.07	56	0.80	57	0.54	57				
8mm	60	81.4	21.8	130	507	1.52	1.07	67	0.80	67	0.54	68				
10mm	30	64.3	24.1	103	477	1.10	1.50	38	1.12	39	0.75	39	0.56	40		
10mm	40	74.3	27.8	119	485	1.29	1.50	50	1.12	51	0.75	52	0.56	52		
10mm	50	83.0	31.1	133	492	1.46	1.50	63	1.12	63	0.75	64	0.56	64		
10mm	60	91.0	34.0	146	499	1.61	1.50	75	1.12	75	0.75	76	0.56	77		
12mm	30	70.5	34.7	113	482	1.22	1.97	45	1.48	46	0.98	46	0.74	47	0.59	48
12mm	40	81.4	40.0	130	491	1.43	1.97	60	1.48	60	0.98	61	0.74	61	0.59	62
12mm	50	91.0	44.7	146	499	1.61	1.97	74	1.48	74	0.98	75	0.74	76	0.59	76
12mm	55	95.4	46.9	153	502	1.70	1.97	81	1.48	81	0.98	82	0.74	83	0.59	83
14mm	30	76.1	47.2	122	487	1.32	2.48	56	1.86	56	1.24	57	0.93	58	0.74	59
14mm	35	82.2	50.9	132	492	1.44	2.48	65	1.86	65	1.24	66	0.93	67	0.74	67
14mm	40	87.9	54.5	141	496	1.55	2.48	74	1.86	74	1.24	75	0.93	76	0.74	76
14mm	45	93.2	57.8	149	501	1.66	2.48	83	1.86	83	1.24	84	0.93	84	0.74	85
Actual performance may vary.				Hours for full run:			28.4	21.3	14.2	10.7	8.5					

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.