

Sprawling lawns, healthy gardens and loads of convenience – that’s what our Aqua Train brings to your life. A lawn sprinkler - that can be used for irrigation of large areas like sports stadiums, golf courses, big parks etc.

Aqua Train is empowered with a technology that allows it to travel a distance of 120 meters at a speed of 2 meters to 20 meters per hour. Thus your worries about installing underground irrigation systems and the costs incurred in doing so are taken care of.

The Aqua Train works with ¾" or 1" rotating sprinklers and comes with the assurance of Automat Industries – a leading manufacturer of irrigation products.

Aqua Train works on water pressure and does not require any other power source to control it. It is, thus, not only water saving and energy saving, but the most effective way to a simple, safe and cost effective irrigation.

## PERFORMANCE OF AQUA TRAIN WITH AQ 30 BPC SPRINKLER AND 1 HOSEPIPE

AQ-30BPC		Minimum pressure to unit Bar	Sprinkler Capacity LPM	Radius, m	Spacing Between Travel Lanes, m	Pressure Loss 100ft Coupled Hose, Bar	Required Pressure At Hose Inlet, Bar	Precipitation, mm Applied at stated Travel Speed (mtrs. /hr).				
Drive Nozzle, mm	Spreader Nozzle, mm							2	3	6	12	20
6.35	Plug	2.5	40	16.5	23	0.20	2.70	52	35	17	9	5
		3.0	45	16.75	23	0.20	3.20	58	38	19	10	6
		3.5	49	17	24	0.25	3.75	62	41	21	10	6
		4.0	51	17.5	25	0.25	4.25	63	42	21	10	6
6.35	3.17	2.5	49	15.85	22	0.20	2.70	66	44	22	11	7
		3.0	54.5	16.25	23	0.20	3.20	72	48	24	12	7
		3.5	60	17.0	24	0.30	3.70	76	50	25	13	8
		4.0	63	17.5	25	0.30	4.30	77	51	26	13	8
7.14	Plug	2.5	50	16.60	23	0.30	2.80	65	43	22	11	6
		3.0	55	16.76	23	0.30	3.30	70	47	23	12	7
		3.5	58.5	17.50	25	0.30	3.80	72	48	24	12	7
		4.0	63.5	18.0	25	0.35	4.35	76	50	25	13	8
7.14	3.17	2.5	59	16.45	23	0.35	2.85	77	57	26	13	8
		3.0	65.5	16.76	23	0.35	3.35	84	56	28	14	8
		3.5	70	17.25	24	0.40	3.90	87	58	29	15	9
		4.0	75	18.0	25	0.45	4.45	89	60	30	15	9
7.94	Plug	2.5	60	17.0	24	0.35	2.85	76	50	25	13	8
		3.0	66	18.25	26	0.35	3.35	78	52	26	13	8
		3.5	69.5	19.25	27	0.40	3.90	77	52	26	13	8
		4.0	75.5	20.25	28	0.45	4.45	80	53	27	13	8
7.97	3.17	2.5	70	16.75	23	0.40	2.90	90	60	30	15	9
		3.0	76	18.25	26	0.40	3.40	89	60	30	15	9
		3.5	81	19.0	27	0.45	3.95	91	61	30	15	9
		4.0	88	20.25	28	0.50	4.50	93	62	31	16	9

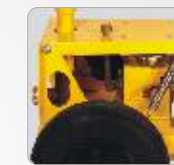
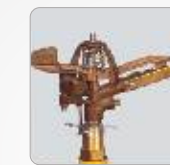
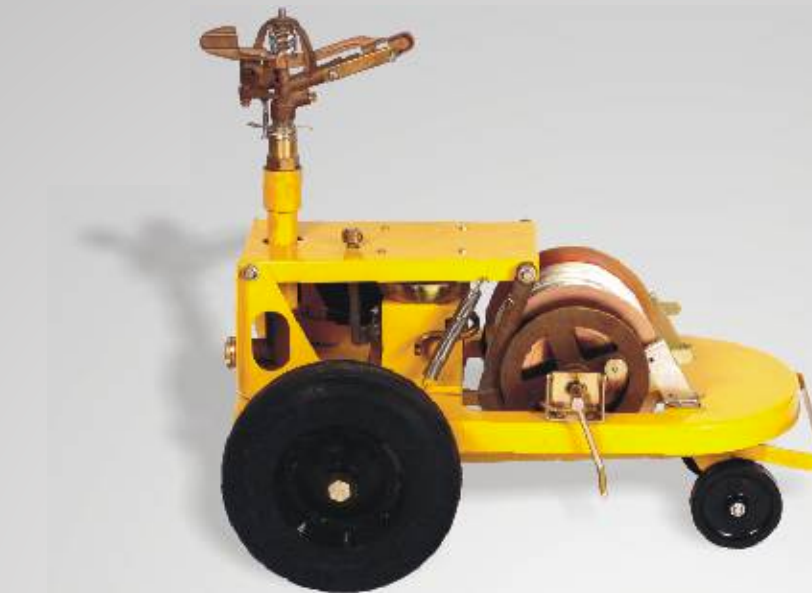
Hose size used is 1"



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# AQua Train

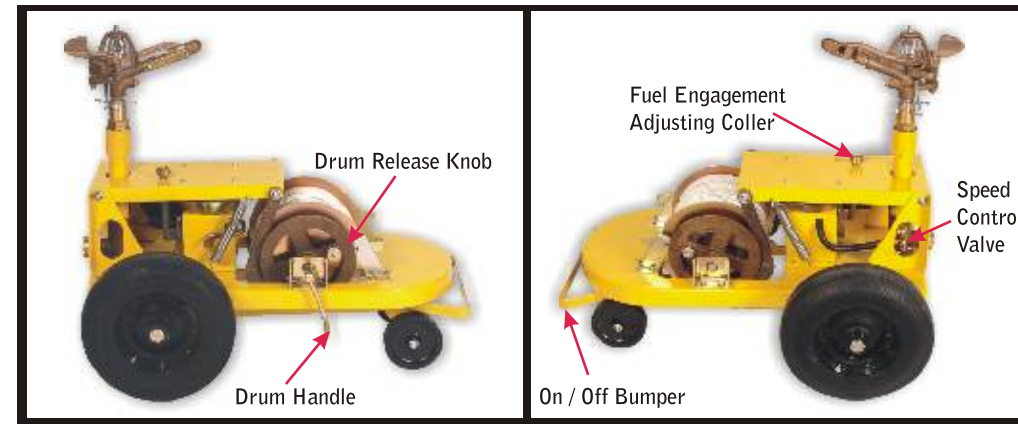
Convenient, transportable watering device for large landscapes



High Convenience. High Coverage.



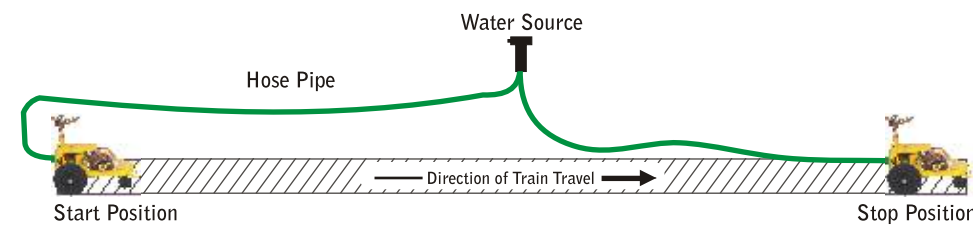
## AQUA TRAIN CONTROLS



## STAKE



## AQUA TRAIN LAYOUT



## KNOW YOUR AQUA TRAIN

### Setting Up

Position the stake keeping the short end in the direction of pull. Place the long end of the stake through the ring on the tow handle and push the stake into the ground up to the foot bar.

### End of Travel Path

The On / Off bumper stops the Aqua Train when it strikes the stake.

## HOW YOUR AQUA TRAIN WORKS?

### Setting Up

1. Decide the starting and stopping locations of the Aqua Train. To obtain maximum travel distance, it is recommended that the water supply source be near the center of the length of area to be irrigated and there are no obstacles in the path of the hosepipe or the rope.
2. Place the Aqua Train at the starting location and connect one end of the hosepipe to the water

source and the other end to the Aqua Train.

3. Close the shut off valve by pushing the On / Off bumper.
4. Pull out the drum release knob to unwind the rope and lay up to the stopping location, which should not be beyond the point that the hose length will reach.

### Starting and Stopping Operations

1. Turn on the water at the hose supply outlet.
2. Turn the "Drum Release Knob" to engage pin into the drum wheel.
3. Turn the "Drum Handle" until lock plunger engages in the drum.

4. Rewind any slack cable onto the drum with the "Drum Handle".
5. Hold the sprinkler arm and stand aside of the discharge stream.
6. Turn on by pulling out the "On / Off" bumper.

## AQUA TRAIN CHECK

### Area Coverage:

The Aqua Train can pull up to 200 ft of 1" Nylon reinforced plastic hosepipe. Thus a total travel of up to 400 ft is possible from each water outlet. The width of coverage and total application of water on an area will depend on various factors e.g. sprinkler used, water pressure and travel of Aqua Train.

### Adjustments

Travel speed of Aqua Train is controlled by the speed control valve. Turning the speed control valve anti clockwise would increase the speed and turning it clockwise would decrease the speed.

The pawl engagement adjusting collars determine the travel distance of the driving pawls. This is factory set to engage three notches and normally does not require any adjustments.