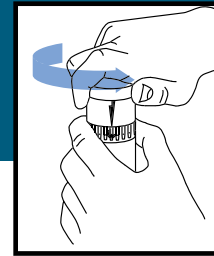


### Closed-case, gear drive rotor for athletic fields, parks, and large turf areas



**"POINT AND SHOOT"  
ARC ADJUSTMENT  
WITHOUT TOOLS**

#### CT70 ROTARY SPRINKLER

##### FEATURES (LISTED TOP TO BOTTOM OF ROTOR)

- 5 year warranty and 100% water tested
- Thick, vandal resistant rubber cover is standard; visible arrows indicate + or – arc adjustment
- Radius adjustment screw decreases radius up to 25%
- "Punch-thru" cover to protect nozzle retaining screw from debris
- Easy grip threaded cover
- 5 field changeable nozzles
- Safety clutch for vandal protection; ratchets like a sprayhead
- Part circle models adjust from 40 – 360°; no tools required
- Expanded "arc dwell" on part circle models provides full coverage along borders
- Pressure activated wiper seal and strong stainless steel spring on pop-up models to ensure positive retraction
- High-tech micro filter protects reversing mechanism
- Streamlined large flow tube to minimize pressure loss through sprinkler
- Impeller flow regulator automatically matches flow to nozzle selection
- Smooth impeller gear drive for highly uniform watering
- Large area, basket type, removable strainer for debris protection
- Standard Ready Check™ check valve on CT70 and CT70-36 models is easily reversed in the field to a "check" position. Check valve holds back 15' (4,6 m/hd) of elevated water

##### CONSTRUCTION

- High-strength non-corrosive plastics and metals used throughout sprinkler
- Sealed, lubricant packed drive housing provides long life performance

##### OPTIONS (FACTORY INSTALLED)

- Non-potable cover (add "N" suffix)
- Vandal cover lock (add "XV" prefix)

##### ACCESSORIES

- T3ST Nozzle install collar

##### DIMENSIONS

**Height (closed):** 8 13/16" (22,4 cm)  
**Pop-up Height:** 4" (10,2 cm)  
**Inlet:** 1" IPS (specify ISO for international)  
**Exposed Top Diameter:** 1 3/4" (4,4 cm)

##### MODEL SPECIFICATION

CT70	Adjustable arc
CT70-36	Full circle
CT70SS	Stainless steel adjustable arc
CT70SS-36	Stainless steel full circle

*International threads: add ISO suffix*



**CT70 PERFORMANCE**

Nozzle	Pressure psi	Radius* ft.	Flow gpm	METRIC		
				Pressure bar	Radius* m	Flow m <sup>3</sup> /hr
71	40	49	8.1	2,8	14,9	1,84
	50	51	9.1	3,4	15,5	2,07
	60	53	10.0	4,2	16,2	2,27
	70	55	11.0	4,8	16,8	2,50
	80	56	11.8	5,5	17,0	2,68
72	50	54	10.7	3,4	16,5	2,43
	60	55	11.8	4,2	16,8	2,68
	70	57	12.6	4,8	17,4	2,86
	80	58	13.8	5,5	17,7	3,13
73	50	57	14.0	3,4	17,4	3,18
	60	58	15.3	4,2	17,7	3,48
	70	60	16.8	4,8	18,3	3,82
	80	61	17.8	5,5	18,6	4,04
74	60	59	16.6	4,2	18,0	3,77
	70	62	18.1	4,8	18,9	4,11
	80	63	19.2	5,5	19,2	4,36
	90	65	20.4	6,2	19,8	4,63
75	60	66	22.5	4,2	20,1	5,11
	70	67	24.7	4,8	20,4	5,61
	80	72	26.5	5,5	21,9	6,02
	90	74	28.0	6,2	22,6	6,36

Nozzle trajectory: 26°

\* Radius of coverage shown is for still air with no diffusion. Maximum radius reduction with diffuser screw is 25%.

Note: Performance data derived from tests that conform to ASAE Standard S398.1. Uniform precipitation data developed with Hyperspace™ Software is available upon request.

Note: see page 40 for spacing and precipitation rate formulas.

**OPERATING RANGE**

		METRIC
Precipitation Rate	Approx. 0.6 – 1.0" per hour @ 60 psi	15,8 – 27 mm per hour @ 4,2 bar
Radius	49 – 74'	14,9 – 22,6 m
Pressure	40 – 90 psi	2,8 – 6,2 bar
Flow	8.1 – 28.0 gpm	1,84 – 6,36 m <sup>3</sup> /h

