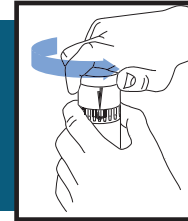


Closed-case, gear drive rotor for athletic fields, parks, and large turf areas



**“POINT AND SHOOT”
ARC ADJUSTMENT
WITHOUT TOOLS**



CT70 ROTARY SPRINKLER

FEATURES

- 5 year trade 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

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 ³ /h |



CT70 NOZZLES

CT70 PERFORMANCE

| Nozzle | Pressure psi | Radius* ft. | Flow gpm | METRIC | | |
|--------|-----------------|----------------|-------------|-----------------|--------------|----------------------------|
| | | | | Pressure bar | Radius* m | Flow m ³ /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 |
| 72 | 80 | 56 | 11.8 | 5,5 | 17,0 | 2,68 |
| | 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 |
| 73 | 80 | 58 | 13.8 | 5,5 | 17,7 | 3,13 |
| | 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 |
| 74 | 80 | 61 | 17.8 | 5,5 | 18,6 | 4,04 |
| | 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 |
| 75 | 90 | 65 | 20.4 | 6,2 | 19,8 | 4,63 |
| | 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.