

OCMIS R4/2-41/1250T

Turbine Drive Hose Reel Irrigator

4.1" ID x 1250 Ft. PE Tube

Explorer Sprinkler



Standard Features

- Turbine drive with gearbox power transmission to drive reel.
- No belts or pulleys!
- Crossover inlet pipe
- Galvanized steel chassis and turret
- Reel coated by epoxy resin and painted with polyurethane paint
- Galvanized steel sprinkler cart with pneumatic tires
- Crank down stabilizers
- Mechanical sprinkler cart lift
- PTO rewind
- Tachometer speed readout
- Sime Explorer sprinkler with 4 nozzles
- 20 ft. supply hose

Performance Guide

| Nozzle Size | Nozzle Flowrate (gpm) | System Pressure ¹ (psi) | Nozzle Pressure (psi) | Wetted Diameter (ft) | Irr. Width ² (ft) | Irr. Length ³ (ft) | Irr. Area per Pull (ac) | Required Reel Speed (ft/hr) for Given Depth (in) | | |
|-------------------|-----------------------|------------------------------------|-----------------------|----------------------|------------------------------|-------------------------------|-------------------------|--------------------------------------------------|------|------|
| | | | | | | | | 0.50 | 1.00 | 1.50 |
| 28 mm, 1.10 in | 240 | 73 | 50 | 300 | 215 | 1225 | 6.0 | 215 | 108 | 72 |
| | 263 | 86 | 60 | 319 | 225 | 1230 | 6.4 | 225 | 113 | 75 |
| | 285 | 99 | 70 | 337 | 240 | 1234 | 6.8 | 228 | 114 | 76 |
| 30 mm, 1.18 in | 276 | 78 | 50 | 314 | 220 | 1229 | 6.2 | 242 | 121 | 81 |
| | 303 | 91 | 60 | 331 | 235 | 1233 | 6.7 | 248 | 124 | 83 |
| | 327 | 104 | 70 | 348 | 245 | 1237 | 7.0 | 257 | 128 | 86 |
| 32 mm, 1.26 in | 314 | 83 | 50 | 340 | 240 | 1235 | 6.8 | 252 | 126 | 84 |
| | 344 | 96 | 60 | 358 | 255 | 1239 | 7.3 | 260 | 130 | 87 |
| | 372 | 110 | 70 | 376 | 265 | 1244 | 7.6 | 270 | 135 | 90 |
| 34 mm, 1.34 in | 389 | 102 | 60 | 362 | 255 | 1241 | 7.3 | 294 | 147 | 98 |
| | 420 | 117 | 70 | 383 | 270 | 1246 | 7.7 | 300 | 150 | 100 |
| | 449 | 131 | 80 | 403 | 285 | 1251 | 8.2 | 303 | 152 | 101 |

¹ System pressure is the pressure required at the machine inlet. It includes the allowances for the sprinkler, PE tube, machine plumbing, and drive friction losses. It does not include any allowances for field elevation differences or supply line pressure losses.

Performance guide is from calculated data; actual field performance may vary depending on pressure, terrain, wind, and field conditions.



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