

MONSOON



Irrigators Australia Pty Ltd

Monsoon - IRL Comfort

Hard Hose Irrigator

Standard Equipment Fitted

- Manual Draw Bar Jack
- Completely Hot Dipped Galvanised
- 270° Rotation of Reel
- Manual Rear Stabiliser Legs
- Trolley Lift System
- Pressure Gauge
- Layflat Delivery Hose 4M with take off coupling to suit
- PTO Winding Handle
- Direct Coupled Turbine
- Rewind Speed Controller
- Solar Panel & 12v Battery

Hose Size Options

- 63mm / 150m
- 63mm / 200m (On Special Order)

Optional Extras

- Closing Valve

Sprinkler Gun Model

- Sime Senior Sprinkler Gun with Nozzle Kit
- Fully Galvanised
- 3 Wheel Trolley with Counter Weights



Boom Model

Boom Options -

- Xilon Pipe Wire 14/22 Boom

MONSOON



Irrigators Australia Pty Ltd

IRL Comfort Performance Charts

Model 63 - 150 with Sprinkler Gun

| PE HOSE: O.D. mm | | | FIELD-PIPE LENGTH MT | | | SPEED MT/H | | SPEED MT/H | | SPEED MT/H | | SPEED MT/H | | SPEED MT/H | | SPEED MT/H | | SPEED MT/H | | SPEED MT/H | | SPEED MT/H | | | |
|------------------|-----------------|------------------|----------------------|-----------------------|----------------------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|---------|----------------|
| 63 | | | 150 | | | 10 | | 20 | | 30 | | 40 | | 50 | | 60 | | 70 | | 80 | | 90 | | 100 | |
| nozzle diam mm | nozzle pres bar | theoric throw mt | capacit y mc/h | Pull to pull dist. mt | Irrigated area per pull Ha | rate mm | inlet pres bar | rate mm | inlet pres bar |
| 10 | 2 | 19.09 | 5 | 30.5 | 0.46 | 17 | 2.3 | 9 | 2.5 | 6 | 2.7 | 4 | 2.8 | 3 | 3.0 | 3 | 3.2 | 2 | 3.3 | 2 | 3.5 | 2 | 3.7 | 2 | 3.8 |
| 10 | 2.5 | 21.35 | 6 | 34.2 | 0.51 | 17 | 2.9 | 9 | 3.0 | 6 | 3.2 | 4 | 3.4 | 3 | 3.5 | 3 | 3.7 | 2 | 3.9 | 2 | 4.0 | 2 | 4.2 | 2 | 4.4 |
| 10 | 3 | 23.38 | 7 | 37.4 | 0.56 | 17 | 3.4 | 9 | 3.6 | 6 | 3.7 | 4 | 3.9 | 3 | 4.1 | 3 | 4.2 | 2 | 4.4 | 2 | 4.6 | 2 | 4.7 | 2 | 4.9 |
| 10 | 4 | 27.00 | 8 | 43.2 | 0.65 | 17 | 4.5 | 9 | 4.7 | 6 | 4.8 | 4 | 5.0 | 3 | 5.2 | 3 | 5.3 | 2 | 5.5 | 2 | 5.7 | 2 | 5.8 | 2 | 6.0 |
| 10 | 5 | 30.19 | 8 | 48.3 | 0.72 | 17 | 5.6 | 9 | 5.7 | 6 | 5.9 | 4 | 6.1 | 3 | 6.2 | 3 | 6.4 | 2 | 6.6 | 2 | 6.7 | 2 | 6.9 | 2 | 7.1 |
| 12 | 2 | 20.91 | 8 | 33.5 | 0.50 | 23 | 2.5 | 11 | 2.7 | 8 | 2.8 | 6 | 3.0 | 5 | 3.2 | 4 | 3.3 | 3 | 3.5 | 3 | 3.7 | 3 | 3.8 | 2 | 4.0 |
| 12 | 2.5 | 23.38 | 9 | 37.4 | 0.56 | 23 | 3.1 | 11 | 3.2 | 8 | 3.4 | 6 | 3.6 | 5 | 3.7 | 4 | 3.9 | 3 | 4.1 | 3 | 4.2 | 3 | 4.4 | 2 | 4.6 |
| 12 | 3 | 25.61 | 9 | 41.0 | 0.61 | 23 | 3.6 | 11 | 3.8 | 8 | 4.0 | 6 | 4.1 | 5 | 4.3 | 4 | 4.5 | 3 | 4.6 | 3 | 4.8 | 3 | 5.0 | 2 | 5.1 |
| 12 | 4 | 29.58 | 11 | 47.3 | 0.71 | 23 | 4.8 | 11 | 5.0 | 8 | 5.1 | 6 | 5.3 | 5 | 5.5 | 4 | 5.6 | 3 | 5.8 | 3 | 6.0 | 3 | 6.1 | 2 | 6.3 |
| 12 | 5 | 33.07 | 12 | 52.9 | 0.79 | 23 | 5.9 | 11 | 6.1 | 8 | 6.3 | 6 | 6.4 | 5 | 6.6 | 4 | 6.8 | 3 | 6.9 | 3 | 7.1 | 3 | 7.3 | 2 | 7.4 |
| 14 | 2 | 22.59 | 10 | 36.1 | 0.54 | 29 | 2.8 | 14 | 2.9 | 10 | 3.1 | 7 | 3.3 | 6 | 3.4 | 5 | 3.6 | 4 | 3.8 | 4 | 3.9 | 3 | 4.1 | 3 | 4.3 |
| 14 | 2.5 | 25.26 | 12 | 40.4 | 0.61 | 29 | 3.4 | 14 | 3.6 | 10 | 3.7 | 7 | 3.9 | 6 | 4.1 | 5 | 4.2 | 4 | 4.4 | 4 | 4.6 | 3 | 4.7 | 3 | 4.9 |
| 14 | 3 | 27.67 | 13 | 44.3 | 0.66 | 29 | 4.0 | 14 | 4.2 | 10 | 4.4 | 7 | 4.5 | 6 | 4.7 | 5 | 4.9 | 4 | 5.0 | 4 | 5.2 | 3 | 5.4 | 3 | 5.5 |
| 14 | 4 | 31.95 | 15 | 51.1 | 0.77 | 29 | 5.3 | 14 | 5.4 | 10 | 5.6 | 7 | 5.8 | 6 | 5.9 | 5 | 6.1 | 4 | 6.3 | 4 | 6.4 | 3 | 6.6 | 3 | 6.8 |
| 14 | 5 | 35.72 | 16 | 57.1 | 0.86 | 29 | 6.5 | 14 | 6.7 | 10 | 6.9 | 7 | 7.0 | 6 | 7.2 | 5 | 7.4 | 4 | 7.5 | 4 | 7.7 | 3 | 7.9 | 3 | 8.0 |
| 16 | 2 | 24.15 | 14 | 38.6 | 0.58 | 35 | 3.1 | 18 | 3.3 | 12 | 3.5 | 9 | 3.6 | 7 | 3.8 | 6 | 4.0 | 5 | 4.1 | 4 | 4.3 | 4 | 4.5 | 4 | 4.6 |
| 16 | 2.5 | 27.00 | 15 | 43.2 | 0.65 | 35 | 3.8 | 18 | 4.0 | 12 | 4.2 | 9 | 4.3 | 7 | 4.5 | 6 | 4.7 | 5 | 4.8 | 4 | 5.0 | 4 | 5.2 | 4 | 5.3 |
| 16 | 3 | 29.58 | 17 | 47.3 | 0.71 | 35 | 4.6 | 18 | 4.7 | 12 | 4.9 | 9 | 5.1 | 7 | 5.2 | 6 | 5.4 | 5 | 5.6 | 4 | 5.7 | 4 | 5.9 | 4 | 6.1 |
| 16 | 4 | 34.15 | 19 | 54.6 | 0.82 | 35 | 6.0 | 18 | 6.2 | 12 | 6.3 | 9 | 6.5 | 7 | 6.7 | 6 | 6.8 | 5 | 7.0 | 4 | 7.2 | 4 | 7.3 | 4 | 7.5 |
| 16 | 5 | 38.18 | 22 | 61.1 | 0.92 | 35 | 7.4 | 18 | 7.6 | 12 | 7.7 | 9 | 7.9 | 7 | 8.1 | 6 | 8.2 | 5 | 8.4 | 4 | 8.6 | 4 | 8.7 | 4 | 8.9 |

Model 63 - 150 with 14/22 Xilon Boom

| Boom | Nozzle | ATM | Total Capacity | | | Irrigated Area | Speed MT/H, Rate & Inlet Pressure | | | | | | | | | | | |
|---------------|--------|-------|----------------|--------|-------|----------------|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-----|
| | | | lt/sec | lt/min | mc/h | | HA | 10 | | 20 | | 30 | | 40 | | 50 | | 75 |
| | | | | | | | mm | BAR | mm | BAR | mm | BAR | mm | BAR | mm | BAR | mm | BAR |
| Model 14 / 22 | Green | 1 | 3.53 | 212 | 12.72 | 0.36 | 70.7 | 2.3 | 35.3 | 2.5 | 23.6 | 2.6 | 17.7 | 2.8 | 14.1 | 3.0 | 9.4 | 3.4 |
| | | 2 | 5.02 | 301 | 18.06 | | 100.3 | 4.3 | 180.6 | 4.5 | 120.4 | 4.7 | 90.3 | 4.8 | 72.2 | 5.0 | 48.2 | 5.4 |
| | | 3 | 5.95 | 357.2 | 21.43 | | 119.1 | 6.1 | 59.5 | 6.3 | 39.7 | 6.5 | 29.8 | 6.6 | 23.8 | 6.8 | 15.9 | 7.2 |
| | Yellow | 1 | 4.13 | 248 | 14.88 | 0.36 | 82.7 | 2.7 | 41.3 | 2.8 | 27.6 | 3.0 | 20.7 | 3.2 | 16.5 | 3.3 | 11.0 | 3.8 |
| | | 2 | 5.74 | 344.2 | 20.65 | | 114.7 | 4.9 | 206.5 | 5.1 | 137.7 | 5.3 | 103.3 | 5.4 | 82.6 | 5.6 | 55.1 | 6.0 |
| | | 3 | 7.03 | 422 | 25.32 | | 140.7 | 7.2 | 70.3 | 7.4 | 46.9 | 7.6 | 35.2 | 7.7 | 28.1 | 7.9 | 18.8 | 8.3 |
| | Red | 1 | 4.85 | 291.2 | 17.47 | 0.36 | 97.1 | 3.2 | 48.5 | 3.4 | 32.4 | 3.5 | 24.3 | 3.7 | 19.4 | 3.9 | 12.9 | 4.3 |
| | | 2 | 6.70 | 401.8 | 24.11 | | 133.9 | 5.9 | 241.1 | 6.0 | 160.7 | 6.2 | 120.5 | 6.4 | 96.4 | 6.5 | 64.3 | 6.9 |
| | | 3 | 8.11 | 486.8 | 29.21 | | 162.3 | 8.4 | 81.1 | 8.6 | 54.1 | 8.8 | 40.6 | 8.9 | 32.5 | 9.1 | 21.6 | 9.5 |
| Black | 1 | 6.53 | 392 | 23.52 | 0.36 | 130.7 | 4.7 | 65.3 | 4.9 | 43.6 | 5.0 | 32.7 | 5.2 | 26.1 | 5.4 | 17.4 | 5.8 | |
| | 2 | 9.22 | 553 | 33.18 | | 184.3 | 8.9 | 331.8 | 9.0 | 221.2 | 9.2 | 165.9 | 9.4 | 132.7 | 9.5 | 88.5 | 9.9 | |
| | 3 | 10.93 | 656 | 39.36 | | 218.7 | 12.3 | 109.3 | 12.5 | 72.9 | 12.7 | 54.7 | 12.8 | 43.7 | 13.0 | 29.2 | 13.4 | |

Customer Support, Technical Service & Sales

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