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# AQUA-TRAXX® AZUL™



## APPLICATION

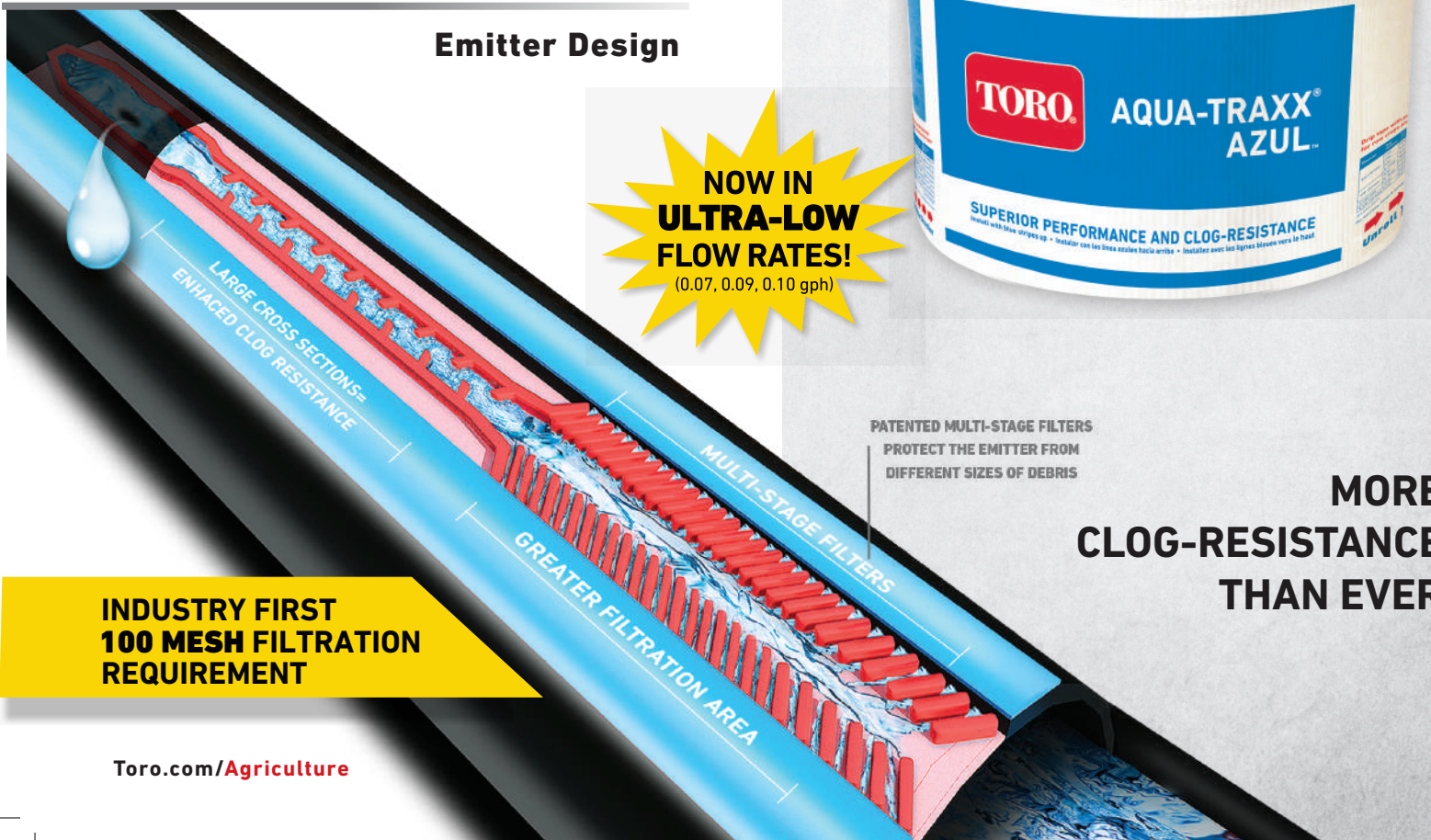
Toro Aqua-Traxx® Azul™ drip tape offers an innovative emitter design that protects the labyrinth from debris and maximizes clog resistance and performance. Now you get the same great quality and performance you expect from Aqua-Traxx with even more clog resistance and less worry.

## FEATURES & BENEFITS

- Available in nine emitter flow rates ranging from 0.07 gph Ultra-Low Flow through 0.53 gph High Flow.
- Enhanced clog resistance with filtration requirements as low as 100 mesh - lowest for any drip tape!
- Greater filtration area with patented multi-stage filters.
- Optimized flow passages further resist clogging.

The same great quality and performance you expect from Aqua-Traxx, now with even **MORE CLOG-RESISTANCE & LESS WORRY**

## Emitter Design



**MORE  
CLOG-RESISTANCE  
THAN EVER**

# AQUA-TRAXX® AZUL™ FLOW RATES



## KEY

PART NUMBER: EA 5 05 04 67 - 1300

EA = Aqua-Traxx

5 = Diameter (inch)

05 = Mil Thickness

04 = Emitter Spacing (inch)

67 = Flow Rate (gpm/100)

1300 = Reel Length (feet/10)

\*X denotes the diameter. 5 for 5/8", 6 for 6/8", 7 for 7/8", 8 for 1", 9 for 1-1/8" and 11 for 1-3/8"

\*\*xx denotes mil thickness.

\*\*\*1" only available in 13 mil

<sup>1</sup> 120 mesh: 5 - 15 mil

<sup>2</sup> 100 mesh: 5 - 8 mil, 120 mesh: 10 - 15 mil

Metric outlet spacing expressed in nominal length.

Coefficient of variation (Cv) less than 3%.

†While operating or flushing, pressures within laterals are not to exceed maximum pressure specification.

| Emitter Flow<br>Part Number |                  | Outlet<br>Spacing |      | Emitter Flow Rate |      |         |          | Q-100      |           |             |          | Emitter<br>Exponent    | Filtration<br>Requirement |
|-----------------------------|------------------|-------------------|------|-------------------|------|---------|----------|------------|-----------|-------------|----------|------------------------|---------------------------|
|                             |                  |                   |      | gph               |      | lph     |          | gpm/100 ft |           | lph/1 meter |          |                        |                           |
|                             |                  |                   |      | in                | cm   | @ 8 psi | @ 10 psi | @ 0.55 bar | @ 0.7 bar | @ 8 psi     | @ 10 psi |                        |                           |
| Ultra-Low Flow<br>↑         | 0.07 gph emitter |                   |      |                   |      |         |          |            |           |             |          |                        |                           |
|                             | EAXxx0817        | 8                 | 20   | 0.07              | 0.08 | 0.26    | 0.30     | 0.17       | 0.20      | 1.30        | 1.47     | 0.55                   | 140 (105)                 |
|                             | EAXxx1609        | 16                | 40   | 0.07              | 0.08 | 0.26    | 0.30     | 0.09       | 0.10      | 0.65        | 0.74     |                        |                           |
|                             | 0.09 gph emitter |                   |      |                   |      |         |          |            |           |             |          |                        |                           |
|                             | EAXxx0822        | 8                 | 20   | 0.09              | 0.10 | 0.34    | 0.38     | 0.22       | 0.25      | 1.66        | 1.88     | 0.53                   | 120 (125)                 |
|                             | EAXxx1611        | 16                | 40   | 0.09              | 0.10 | 0.34    | 0.38     | 0.11       | 0.13      | 0.83        | 0.94     |                        |                           |
|                             | 0.10 gph emitter |                   |      |                   |      |         |          |            |           |             |          |                        |                           |
|                             | EAXxx0825        | 8                 | 20   | 0.10              | 0.11 | 0.38    | 0.43     | 0.25       | 0.28      | 1.86        | 2.11     | 0.50                   | 120 (125)                 |
|                             | EAXxx1613        | 16                | 40   | 0.10              | 0.11 | 0.38    | 0.43     | 0.13       | 0.14      | 0.93        | 1.05     |                        |                           |
|                             | 0.13 gph emitter |                   |      |                   |      |         |          |            |           |             |          |                        |                           |
| EAXxx0467                   | 4                | 10                | 0.13 | 0.15              | 0.51 | 0.57    | 0.67     | 0.75       | 4.99      | 5.58        | 0.5      | 120 (125) <sup>1</sup> |                           |
| EAXxx0644                   | 6                | 15                | 0.13 | 0.15              | 0.51 | 0.57    | 0.44     | 0.50       | 3.33      | 3.72        |          | 100 (149) <sup>2</sup> |                           |
| EAXxx0834                   | 8                | 20                | 0.13 | 0.15              | 0.51 | 0.57    | 0.34     | 0.37       | 2.50      | 2.79        |          |                        |                           |
| EAXxx1222                   | 12               | 30                | 0.13 | 0.15              | 0.51 | 0.57    | 0.22     | 0.25       | 1.66      | 1.86        |          |                        |                           |
| EAXxx1617                   | 16               | 40                | 0.13 | 0.15              | 0.51 | 0.57    | 0.17     | 0.19       | 1.25      | 1.40        |          |                        |                           |
| EAXxx1814                   | 18               | 45                | 0.13 | 0.15              | 0.51 | 0.57    | 0.14     | 0.17       | 1.11      | 1.24        |          |                        |                           |
| EAXxx2411                   | 24               | 60                | 0.13 | 0.15              | 0.51 | 0.57    | 0.11     | 0.12       | 0.83      | 0.93        |          |                        |                           |
| 0.15 gph emitter            |                  |                   |      |                   |      |         |          |            |           |             |          |                        |                           |
| EAXxx0650                   | 6                | 15                | 0.15 | 0.17              | 0.57 | 0.63    | 0.50     | 0.56       | 3.73      | 4.17        | 0.5      | 100 (149) <sup>2</sup> |                           |
| EAXxx1225                   | 12               | 30                | 0.15 | 0.17              | 0.57 | 0.63    | 0.25     | 0.28       | 1.86      | 2.08        |          |                        |                           |
| EAXxx1817                   | 18               | 45                | 0.15 | 0.17              | 0.57 | 0.63    | 0.17     | 0.19       | 1.24      | 1.39        |          |                        |                           |
| 0.20 gph emitter            |                  |                   |      |                   |      |         |          |            |           |             |          |                        |                           |
| EAXxx04100                  | 4                | 10                | 0.20 | 0.22              | 0.76 | 0.85    | 1.00     | 1.12       | 7.47      | 8.36        | 0.5      | 100 (149) <sup>2</sup> |                           |
| EAXxx0667                   | 6                | 15                | 0.20 | 0.22              | 0.76 | 0.85    | 0.67     | 0.75       | 4.99      | 5.58        |          |                        |                           |
| EAXxx0850                   | 8                | 20                | 0.20 | 0.22              | 0.76 | 0.85    | 0.50     | 0.56       | 3.74      | 4.18        |          |                        |                           |
| EAXxx1234                   | 12               | 30                | 0.20 | 0.22              | 0.76 | 0.85    | 0.34     | 0.37       | 2.50      | 2.79        |          |                        |                           |
| EAXxx1625                   | 16               | 40                | 0.20 | 0.22              | 0.76 | 0.85    | 0.25     | 0.28       | 1.87      | 2.09        |          |                        |                           |
| EAXxx1822                   | 18               | 45                | 0.20 | 0.22              | 0.76 | 0.85    | 0.22     | 0.25       | 1.67      | 1.86        |          |                        |                           |
| EAXxx2417                   | 24               | 60                | 0.20 | 0.22              | 0.76 | 0.85    | 0.17     | 0.19       | 1.25      | 1.40        |          |                        |                           |
| 0.27 gph emitter            |                  |                   |      |                   |      |         |          |            |           |             |          |                        |                           |
| EAXxx04134                  | 4                | 10                | 0.27 | 0.30              | 1.01 | 1.13    | 1.34     | 1.50       | 9.99      | 11.16       | 0.5      | 100 (149) <sup>2</sup> |                           |
| EAXxx0690                   | 6                | 15                | 0.27 | 0.30              | 1.01 | 1.13    | 0.90     | 1.00       | 6.66      | 7.44        |          |                        |                           |
| EAXxx0867                   | 8                | 20                | 0.27 | 0.30              | 1.01 | 1.13    | 0.67     | 0.75       | 4.99      | 5.58        |          |                        |                           |
| EAXxx1245                   | 12               | 30                | 0.27 | 0.30              | 1.01 | 1.13    | 0.45     | 0.50       | 3.33      | 3.72        |          |                        |                           |
| EAXxx1634                   | 16               | 40                | 0.27 | 0.30              | 1.01 | 1.13    | 0.34     | 0.37       | 2.50      | 2.79        |          |                        |                           |
| EAXxx1830                   | 18               | 45                | 0.27 | 0.30              | 1.01 | 1.13    | 0.30     | 0.33       | 2.22      | 2.48        |          |                        |                           |
| EAXxx2422                   | 24               | 60                | 0.27 | 0.30              | 1.01 | 1.13    | 0.22     | 0.25       | 1.67      | 1.86        |          |                        |                           |
| 0.34 gph emitter            |                  |                   |      |                   |      |         |          |            |           |             |          |                        |                           |
| EAXxx04168                  | 4                | 10                | 0.34 | 0.37              | 1.27 | 1.42    | 1.68     | 1.87       | 12.48     | 13.95       | 0.5      | 120 (125)              |                           |
| EAXxx06112                  | 6                | 15                | 0.34 | 0.37              | 1.27 | 1.42    | 1.12     | 1.25       | 8.33      | 9.31        |          |                        |                           |
| EAXxx0884                   | 8                | 20                | 0.34 | 0.37              | 1.27 | 1.42    | 0.84     | 0.94       | 6.24      | 6.98        |          |                        |                           |
| EAXxx1256                   | 12               | 30                | 0.34 | 0.37              | 1.27 | 1.42    | 0.56     | 0.62       | 4.16      | 4.65        |          |                        |                           |
| EAXxx1642                   | 16               | 40                | 0.34 | 0.37              | 1.27 | 1.42    | 0.42     | 0.47       | 3.12      | 3.49        |          |                        |                           |
| EAXxx1838                   | 18               | 45                | 0.34 | 0.37              | 1.27 | 1.42    | 0.38     | 0.42       | 2.78      | 3.10        |          |                        |                           |
| EAXxx2428                   | 24               | 60                | 0.34 | 0.37              | 1.27 | 1.42    | 0.28     | 0.31       | 2.08      | 2.33        |          |                        |                           |
| 0.53 gph emitter            |                  |                   |      |                   |      |         |          |            |           |             |          |                        |                           |
| EAXxx04265                  | 4                | 10                | 0.53 | 0.59              | 2.01 | 2.24    | 2.65     | 2.96       | 19.75     | 22.08       | 0.5      | 120 (125)              |                           |
| EAXxx08133                  | 8                | 20                | 0.53 | 0.59              | 2.01 | 2.24    | 1.33     | 1.48       | 9.87      | 11.04       |          |                        |                           |
| EAXxx1288                   | 12               | 30                | 0.53 | 0.59              | 2.01 | 2.24    | 0.88     | 0.99       | 6.58      | 7.36        |          |                        |                           |
| EAXxx1666                   | 16               | 40                | 0.53 | 0.59              | 2.01 | 2.24    | 0.66     | 0.74       | 4.94      | 5.52        |          |                        |                           |
| EAXxx2444                   | 24               | 60                | 0.53 | 0.59              | 2.01 | 2.24    | 0.44     | 0.49       | 3.29      | 3.68        |          |                        |                           |
| EAXxx3629                   | 36               | 90                | 0.53 | 0.59              | 2.01 | 2.24    | 0.29     | 0.33       | 2.19      | 2.45        |          |                        |                           |
| High Flow<br>↓              |                  |                   |      |                   |      |         |          |            |           |             |          |                        |                           |

Ultra-Low Flow

High Flow



SCAN ME

## WALL THICKNESS

| Diameter                             | Wall Thickness | Pressure |      |     |      | Reel Length |        | Reel Weight |      |  |
|--------------------------------------|----------------|----------|------|-----|------|-------------|--------|-------------|------|--|
|                                      |                | psi      |      | bar |      | ft          | meters | lbs         | kg   |  |
|                                      |                | min      | max† | min | max† |             |        |             |      |  |
| 5/8" (16mm)<br>0.635"                | 5 mil          | 4        | 10   | 0.3 | 0.7  | 13,000      | 3,962  | 70          | 31.8 |  |
|                                      | 6 mil          | 4        | 12   | 0.3 | 0.8  | 10,000      | 3,048  | 62          | 28.1 |  |
|                                      | 8 mil          | 4        | 15   | 0.3 | 1.0  | 7,500       | 2,286  | 60          | 27.2 |  |
|                                      | 10 mil         | 4        | 15   | 0.3 | 1.0  | 6,000       | 1,829  | 60          | 27.2 |  |
|                                      | 12 mil         | 4        | 15   | 0.3 | 1.0  | 5,100       | 1,554  | 60          | 27.2 |  |
| 5/8" (16mm)<br>Short Reels<br>0.635" | 15 mil         | 4        | 15   | 0.3 | 1.0  | 4,000       | 1,219  | 59          | 26.8 |  |
|                                      | 6 mil          | 4        | 12   | 0.3 | 0.8  | 2,500       | 762    | 17          | 7.7  |  |
|                                      | 8 mil          | 4        | 15   | 0.3 | 1.0  | 2,000       | 610    | 18          | 8.2  |  |
| 6/8" (19mm)<br>0.750"                | 15 mil         | 4        | 15   | 0.3 | 1.0  | 1,000       | 305    | 17          | 7.7  |  |
|                                      | 5 mil          | 4        | 10   | 0.3 | 0.7  | 12,000      | 3,658  | 74          | 33.6 |  |
|                                      | 6 mil          | 4        | 11   | 0.3 | 0.8  | 8,800       | 2,682  | 64          | 29.0 |  |
| 7/8" (22mm)<br>0.880"                | 8 mil          | 4        | 15   | 0.3 | 1.0  | 6,600       | 2,011  | 63          | 28.6 |  |
|                                      | 5 mil          | 4        | 10   | 0.3 | 0.7  | 10,000      | 3,048  | 71          | 32.2 |  |
|                                      | 6 mil          | 4        | 10   | 0.3 | 0.7  | 7,380       | 2,250  | 62          | 28.1 |  |
|                                      | 8 mil          | 4        | 15   | 0.3 | 1.0  | 6,000       | 1,829  | 65          | 29.5 |  |
|                                      | 10 mil         | 4        | 15   | 0.3 | 1.0  | 4,400       | 1,341  | 60          | 27.2 |  |
|                                      | 12 mil         | 4        | 15   | 0.3 | 1.0  | 4,000       | 1,219  | 64          | 29.0 |  |
| 1" (25mm)<br>0.990"                  | 13 mil         | 4        | 15   | 0.3 | 1.0  | 3,000       | 914    | 61          | 27.7 |  |
| 1 1/8" (28mm)<br>1.130"              | 15 mil         | 4        | 15   | 0.3 | 1.0  | 3,000       | 914    | 83          | 37.6 |  |
| 1 3/8" (35mm)<br>1.380"              | 15 mil         | 4        | 15   | 0.3 | 1.0  | 2,700       | 823    | 84          | 38.1 |  |

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Toro Ag

1588 N. Marshall Avenue,  
El Cajon, CA 92020-1523, USA

Tel: +1 (877) 373-0087 or +1 (619) 596-2495

Fax: +1 (800) 892-1822 or +1 (619) 258-9973

**toro.com**

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Count on it.