

RAINSTAR T

PERFORMANCE TABLE RAINSTAR T42 85-320



| | | | | |
|-----------|--------------------|-------------------|------------------|--|
| PE - pipe | 85 mm x 320 m | area per setting | 2 x 2.85= 5.7 ha | |
| Sprinkler | SR 101 ULTRA BAUER | max. strip length | 2 x 365 m | |

| Nozzle dia. mm | Nozzle press. bar | Spray range m | Strip width * m | Water flow m3/h | Retraction speed [m/h] and connection pressure [bar] at precipitation rate | | | | | | | | | |
|-------------------|----------------------|------------------|--------------------|--------------------|--|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--|
| | | | | | 7 mm m/h - bar | 8 mm m/h - bar | 10 mm m/h - bar | 15 mm m/h - bar | 20 mm m/h - bar | 25 mm m/h - bar | 30 mm m/h - bar | 35 mm m/h - bar | 40 mm m/h - bar | |
| 14.0 | 4.0 | 33 | 56 | 15.1 | - | 34 - 5.4 | 27 - 5.3 | 18 - 5.1 | 13 - 5.0 | 11 - 4.9 | 9 - 4.8 | - | - | |
| | 4.5 | 35 | 58 | 16.0 | 39 - 6.1 | 34 - 6.0 | 28 - 5.9 | 18 - 5.7 | 14 - 5.5 | 11 - 5.4 | 9 - 5.4 | - | - | |
| | 5.0 | 36 | 61 | 16.8 | 39 - 6.6 | 34 - 6.5 | 28 - 6.4 | 18 - 6.1 | 14 - 6.1 | 11 - 6.0 | 9 - 5.9 | - | - | |
| 16.0 | 3.5 | 34 | 57 | 18.4 | 46 - 5.3 | 40 - 5.2 | 32 - 5.2 | 22 - 4.8 | 16 - 4.7 | 13 - 4.6 | 11 - 4.6 | 9 - 4.6 | 8 - 4.5 | |
| | 4.0 | 36 | 60 | 19.7 | 47 - 5.9 | 41 - 5.8 | 33 - 5.6 | 22 - 5.3 | 16 - 5.2 | 13 - 5.2 | 11 - 5.2 | 9 - 5.2 | 8 - 5.2 | |
| | 4.5 | 37 | 63 | 20.9 | 47 - 6.5 | 41 - 6.4 | 33 - 6.1 | 22 - 5.9 | 17 - 5.8 | 13 - 5.8 | 11 - 5.8 | 9 - 5.8 | 8 - 5.7 | |
| | 5.0 | 39 | 65 | 22.0 | 48 - 7.0 | 42 - 6.9 | 34 - 6.7 | 23 - 6.5 | 17 - 6.5 | 14 - 6.4 | 11 - 6.4 | 10 - 6.4 | 8 - 6.3 | |
| 18.0 | 3.5 | 36 | 61 | 23.3 | 55 - 5.7 | 48 - 5.6 | 38 - 5.4 | 25 - 5.2 | 19 - 5.1 | 15 - 5.1 | 13 - 5.0 | 11 - 5.0 | 10 - 5.0 | |
| | 4.0 | 38 | 64 | 24.9 | 56 - 6.3 | 49 - 6.2 | 39 - 6.0 | 26 - 6.0 | 19 - 5.8 | 16 - 5.7 | 13 - 5.7 | 11 - 5.6 | 10 - 5.6 | |
| | 4.5 | 40 | 67 | 26.4 | 56 - 6.9 | 49 - 6.8 | 39 - 6.7 | 26 - 6.6 | 20 - 6.4 | 16 - 6.3 | 13 - 6.3 | 11 - 6.3 | 10 - 6.2 | |
| | 5.0 | 41 | 70 | 27.8 | 57 - 7.5 | 50 - 7.4 | 40 - 7.3 | 26 - 7.2 | 20 - 7.1 | 16 - 7.0 | 13 - 6.9 | 11 - 6.9 | 10 - 6.9 | |
| 20.0 | 3.0 | 36 | 61 | 26.6 | 62 - 5.5 | 55 - 5.4 | 44 - 5.3 | 29 - 5.1 | 22 - 5.0 | 17 - 4.9 | 15 - 4.8 | 12 - 4.8 | 11 - 4.8 | |
| | 3.5 | 38 | 64 | 28.7 | 64 - 6.2 | 56 - 6.1 | 45 - 5.9 | 30 - 5.8 | 22 - 5.7 | 18 - 5.6 | 15 - 5.5 | 13 - 5.5 | 11 - 5.5 | |
| | 4.0 | 40 | 68 | 30.7 | 65 - 6.9 | 56 - 6.8 | 45 - 6.8 | 30 - 6.5 | 23 - 6.4 | 18 - 6.3 | 15 - 6.3 | 13 - 6.2 | 11 - 6.3 | |
| | 4.5 | 42 | 71 | 32.6 | 66 - 7.9 | 57 - 7.7 | 46 - 7.5 | 31 - 7.3 | 23 - 7.1 | 18 - 7.1 | 15 - 7.0 | 13 - 6.9 | 11 - 7.0 | |
| | 5.0 | 44 | 74 | 34.3 | 66 - 8.5 | 58 - 8.4 | 46 - 8.2 | 31 - 8.0 | 23 - 7.8 | 19 - 7.8 | 15 - 7.7 | 13 - 7.7 | 12 - 7.7 | |
| | 5.5 | 45 | 77 | 36.0 | 67 - 9.1 | 58 - 9.1 | 47 - 8.9 | 31 - 8.7 | 23 - 8.6 | 19 - 8.5 | 16 - 8.5 | 13 - 8.5 | 12 - 8.4 | |
| 22.0 | 3.0 | 38 | 64 | 32.2 | 72 - 6.2 | 63 - 6.3 | 50 - 6.0 | 34 - 5.8 | 25 - 5.6 | 20 - 5.5 | 17 - 5.4 | 14 - 5.4 | 13 - 5.4 | |
| | 3.5 | 40 | 68 | 34.8 | 73 - 7.1 | 64 - 7.0 | 51 - 6.8 | 34 - 6.6 | 26 - 6.4 | 20 - 6.4 | 17 - 6.3 | 15 - 6.2 | 13 - 6.2 | |
| | 4.0 | 42 | 71 | 37.2 | 75 - 7.9 | 65 - 7.7 | 52 - 7.6 | 35 - 7.3 | 26 - 7.3 | 21 - 7.2 | 17 - 7.2 | 15 - 7.1 | 13 - 7.1 | |
| | 4.5 | 44 | 75 | 39.4 | 75 - 8.7 | 66 - 8.5 | 53 - 8.4 | 35 - 8.1 | 26 - 8.0 | 21 - 8.0 | 18 - 8.0 | 15 - 7.9 | 13 - 7.9 | |
| | 5.0 | 46 | 78 | 41.6 | 76 - 9.5 | 67 - 9.3 | 53 - 9.2 | 36 - 8.9 | 27 - 8.9 | 21 - 8.8 | 18 - 8.8 | 15 - 8.8 | 13 - 8.7 | |
| 24.0 | 3.0 | 40 | 67 | 38.3 | 82 - 7.1 | 71 - 7.0 | 57 - 6.8 | 38 - 6.5 | 29 - 6.4 | 23 - 6.3 | 19 - 6.3 | 16 - 6.3 | 14 - 6.3 | |
| | 3.5 | 42 | 71 | 41.4 | 83 - 8.0 | 73 - 7.9 | 58 - 7.7 | 39 - 7.5 | 29 - 7.4 | 23 - 7.3 | 19 - 7.2 | 17 - 7.3 | 15 - 7.2 | |
| | 4.0 | 44 | 75 | 44.2 | 84 - 9.0 | 74 - 8.8 | 59 - 8.6 | 39 - 8.4 | 29 - 8.3 | 24 - 8.2 | 20 - 8.2 | 17 - 8.2 | 15 - 8.2 | |
| | 4.5 | 46 | 78 | 46.9 | 86 - 9.9 | 75 - 9.8 | 60 - 9.6 | 40 - 9.3 | 30 - 9.2 | 24 - 9.2 | 20 - 9.1 | 17 - 9.1 | 15 - 9.1 | |
| 26.0 | 3.0 | 41 | 70 | 45.0 | 92 - 8.2 | 80 - 8.0 | 64 - 7.8 | 43 - 7.6 | 32 - 7.4 | 26 - 7.3 | 21 - 7.3 | 18 - 7.3 | 16 - 7.3 | |
| | 3.5 | 44 | 74 | 48.6 | 94 - 9.3 | 82 - 9.1 | 66 - 8.9 | 44 - 8.7 | 33 - 8.6 | 26 - 8.5 | 22 - 8.4 | 19 - 8.4 | 16 - 8.4 | |
| | 4.0 | 46 | 78 | 51.9 | 95 - 10.5 | 83 - 10.2 | 67 - 10.0 | 44 - 9.7 | 33 - 9.7 | 27 - 9.6 | 22 - 9.5 | 19 - 9.5 | 17 - 9.5 | |