

Cod. 10307

# Senior

- Hose reel machines

Enrolladores
- Solid set systems

Cobertura integral
- Pivot

Pivot

Double nozzle impact gun for medium flow

Aspersor de impacto y de caudal medio con doble boquilla



|            |            |                   |              |        |
|------------|------------|-------------------|--------------|--------|
| Net weight | Connection | Size              | Nozzle       | Angle  |
| Peso neto  | Conexión   | Dimensiones       | Boquilla     | Ángulo |
| 2,8 kg     | 2" F       | ø 858 mm x 402 mm | Ø 10 ÷ 22 mm | 25°    |

Pressure Presion for US units go to page 71

|              | 1,5 bar |         | 2 bar  |         | 3 bar  |         | 4 bar  |         | 5 bar  |         |
|--------------|---------|---------|--------|---------|--------|---------|--------|---------|--------|---------|
| Nozzle       | Flow    | Radius  | Flow   | Radius  | Flow   | Radius  | Flow   | Radius  | Flow   | Radius  |
| Boquilla     | Caudal  | Alcance | Caudal | Alcance | Caudal | Alcance | Caudal | Alcance | Caudal | Alcance |
|              | l/min   | m       | l/min  | m       | l/min  | m       | l/min  | m       | l/min  | m       |
| 12 mm - 5 mm | 130     | 19      | 152    | 22      | 182    | 24      | 211    | 27      | -      | -       |
| 14 mm - 5 mm | -       | -       | 195    | 23      | 239    | 28      | 277    | 31      | 309    | 34      |
| 16 mm - 5 mm | -       | -       | 247    | 24      | 303    | 30      | 351    | 34      | 391    | 36      |
| 18 mm - 5 mm | -       | -       | 309    | 24      | 378    | 32      | 436    | 35      | 487    | 38      |
| 20 mm - 5 mm | -       | -       | 376    | 25      | 460    | 33      | 532    | 37      | 594    | 41      |

US units

|                                                                                                                        |                         |                           |                       |                           |                       |                           |                       |                           |                       |                           |
|------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|
| <br><b>Ambo</b><br>Nozzle<br>Boquilla | Pressure <i>Presion</i> |                           |                       |                           |                       |                           |                       |                           |                       |                           |
|                                                                                                                        | 22 PSI                  |                           | 29 PSI                |                           | 44 PSI                |                           | 56 PSI                |                           | 70 PSI                |                           |
|                                                                                                                        | Flow<br>Caudal<br>gpm   | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet |
| 0.28 in - 0.31 in                                                                                                      | 22.7                    | 52                        | 26.2                  | 57                        | 32.0                  | 64                        | 37.0                  | 69                        | -                     | -                         |
| 0.28 in - 0.39 in                                                                                                      | -                       | -                         | 34.3                  | 59                        | 42.0                  | 69                        | 48.6                  | 75                        | 54.7                  | 80                        |
| 0.28 in - 0.47 in                                                                                                      | -                       | -                         | 44.6                  | 64                        | 54.7                  | 72                        | 63.1                  | 82                        | 71.1                  | 90                        |
| 0.28 in - 0.55 in                                                                                                      | -                       | -                         | 56.8                  | 67                        | 69.7                  | 77                        | 80.6                  | 85                        | 90.3                  | 94                        |
| 0.28 in - 0.63 in                                                                                                      | -                       | -                         | 70.5                  | 69                        | 86.6                  | 79                        | 100.1                 | 87                        | 109.4                 | 95                        |

|                                                                                                                         |                         |                           |                       |                           |                       |                           |                       |                           |                       |                           |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|
| <br><b>Hidra</b><br>Nozzle<br>Boquilla | Pressure <i>Presion</i> |                           |                       |                           |                       |                           |                       |                           |                       |                           |
|                                                                                                                         | 29 PSI                  |                           | 44 PSI                |                           | 56 PSI                |                           | 70 PSI                |                           | 85 PSI                |                           |
|                                                                                                                         | Flow<br>Caudal<br>gpm   | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet |
| 0.39 in - 0.20 in                                                                                                       | 29.1                    | 59                        | 35.7                  | 67                        | 41.5                  | 77                        | 46.2                  | 85                        | -                     | -                         |
| 0.47 in - 0.20 in                                                                                                       | 40.2                    | 66                        | 48.1                  | 79                        | 55.7                  | 89                        | 62.3                  | 98                        | -                     | -                         |
| 0.55 in - 0.20 in                                                                                                       | 51.5                    | 69                        | 63.1                  | 82                        | 73.2                  | 95                        | 81.6                  | 102                       | -                     | -                         |
| 0.63 in - 0.20 in                                                                                                       | 65.3                    | 72                        | 80.0                  | 85                        | 92.7                  | 98                        | 103.3                 | 108                       | -                     | -                         |
| 0.71 in - 0.20 in                                                                                                       | -                       | -                         | 99.9                  | 92                        | 115.2                 | 102                       | 128.7                 | 112                       | 140.8                 | 118                       |
| 0.79 in - 0.20 in                                                                                                       | -                       | -                         | 121.5                 | 94                        | 140.5                 | 105                       | 156.9                 | 113                       | 172.0                 | 120                       |

|                                                                                                                            |                         |                           |                       |                           |                       |                           |                       |                           |                       |                           |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|
| <br><b>Duplex</b><br>Nozzle<br>Boquilla | Pressure <i>Presion</i> |                           |                       |                           |                       |                           |                       |                           |                       |                           |
|                                                                                                                            | 29 PSI                  |                           | 44 PSI                |                           | 56 PSI                |                           | 70 PSI                |                           | 85 PSI                |                           |
|                                                                                                                            | Flow<br>Caudal<br>gpm   | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet |
| 0.47 in - 0.31 in                                                                                                          | 48.6                    | 75                        | 59.2                  | 89                        | 68.4                  | 98                        | -                     | -                         | -                     | -                         |
| 0.55 in - 0.31 in                                                                                                          | 60.8                    | 82                        | 74.0                  | 95                        | 85.9                  | 105                       | 96.2                  | 112                       | -                     | -                         |
| 0.63 in - 0.31 in                                                                                                          | 74.5                    | 89                        | 90.9                  | 102                       | 105.4                 | 112                       | 117.8                 | 121                       | -                     | -                         |
| 0.71 in - 0.31 in                                                                                                          | 90.6                    | 92                        | 114.7                 | 108                       | 133.7                 | 118                       | 148.2                 | 131                       | -                     | -                         |
| 0.79 in - 0.31 in                                                                                                          | 108.6                   | 95                        | 137.4                 | 112                       | 160.1                 | 125                       | 173.6                 | 141                       | -                     | -                         |
| 0.87 in - 0.31 in                                                                                                          | -                       | -                         | 155.9                 | 113                       | 180.2                 | 128                       | 202.4                 | 144                       | 221.6                 | 153                       |

|                                                                                                                            |                         |                           |                       |                           |                       |                           |                       |                           |                       |                           |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|
| <br><b>Senior</b><br>Nozzle<br>Boquilla | Pressure <i>Presion</i> |                           |                       |                           |                       |                           |                       |                           |                       |                           |
|                                                                                                                            | 22 PSI                  |                           | 29 PSI                |                           | 44 PSI                |                           | 56 PSI                |                           | 70 PSI                |                           |
|                                                                                                                            | Flow<br>Caudal<br>gpm   | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet | Flow<br>Caudal<br>gpm | Radius<br>Alcance<br>feet |
| 0.47 in - 0.20 in                                                                                                          | 34.3                    | 62                        | 40.2                  | 72                        | 48.1                  | 79                        | 56                    | 89                        | -                     | -                         |
| 0.55 in - 0.20 in                                                                                                          | -                       | -                         | 51.5                  | 75                        | 63.2                  | 92                        | 73.2                  | 102                       | 81.7                  | 112                       |
| 0.63 in - 0.20 in                                                                                                          | -                       | -                         | 65.3                  | 79                        | 80.1                  | 98                        | 92.8                  | 112                       | 103                   | 118                       |
| 0.71 in - 0.20 in                                                                                                          | -                       | -                         | 81.7                  | 79                        | 100                   | 105                       | 115                   | 115                       | 128                   | 125                       |
| 0.78 in - 0.20 in                                                                                                          | -                       | -                         | 99.4                  | 82                        | 121                   | 108                       | 140                   | 121                       | 157                   | 135                       |

**Validity of data :** all performance data given in the table of duties refer to sprinklers working in no windy conditions with a properly inclined jet and a slightly penetrating jet-breaker. A 5-7% allowance on the values of discharge and jet-length is however admitted.

**Validez de los datos:** los datos de los prospectos se refieren a aspersores que funcionan con aire calmo con el chorro correctamente inclinado hacia el horizontal y con el quebrachorro en posición de interferencia mínima. Sobre las medidas de Caudal de chorro se admite una tolerancia del 5-7%.