



## 552 Block Rotors

### U.S. Performance Data

#### CASCADE NOZZLES

| Base Pressure (psi) | 50          |            | 60          |            | 70          |            | 80          |            | 90          |            | 100         |            |
|---------------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|
|                     | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) |
| #51-Blue            | 33          | 6.8        | 34          | 7.4        | 35          | 8.0        | 36          | 8.5        | 37          | 8.8        | 37.5        | 9.3        |
| #52-Beige           | 37          | 6.7        | 39          | 7.2        | 37          | 8.1        | 37          | 8.2        | 39          | 8.7        | 39          | 9.3        |
| #53-Gray            | 51          | 9.3        | 51          | 10.1       | 51          | 11.0       | 51          | 11.7       | 51          | 12.5       | 51          | 13.2       |
| #54-Red             | —           | —          | —           | —          | 53          | 12.0       | 54          | 12.4       | 55          | 13.3       | 55          | 14.0       |

### Metric Performance Data

#### CASCADE NOZZLES

| Base Pressure (bar) | Radius (m) | 3.4        |                          | 4.1        |            | 4.8                      |            | 5.5        |                          | 6.2        |            | 6.9                      |            |            |                          |      |      |      |
|---------------------|------------|------------|--------------------------|------------|------------|--------------------------|------------|------------|--------------------------|------------|------------|--------------------------|------------|------------|--------------------------|------|------|------|
|                     |            | Flow (l/s) | Flow (m <sup>3</sup> /h) | Radius (m) | Flow (l/s) | Flow (m <sup>3</sup> /h) | Radius (m) | Flow (l/s) | Flow (m <sup>3</sup> /h) | Radius (m) | Flow (l/s) | Flow (m <sup>3</sup> /h) | Radius (m) | Flow (l/s) | Flow (m <sup>3</sup> /h) |      |      |      |
| #51-Blue            | 10.1       | 0.43       | 1.54                     | 10.4       | 0.47       | 1.68                     | 10.7       | 0.50       | 1.82                     | 11.0       | 0.54       | 1.93                     | 11.3       | 0.56       | 2.00                     | 11.3 | 0.59 | 2.11 |
| #52-Beige           | 11.3       | 0.42       | 1.52                     | 11.9       | 0.46       | 1.64                     | 11.3       | 0.51       | 1.83                     | 11.3       | 0.52       | 1.87                     | 11.9       | 0.55       | 1.99                     | 11.9 | 0.59 | 2.11 |
| #53-Gray            | 15.5       | 0.59       | 2.12                     | 15.5       | 0.64       | 2.29                     | 15.5       | 0.69       | 2.49                     | 15.5       | 0.73       | 2.65                     | 15.5       | 0.79       | 2.83                     | 15.5 | 0.83 | 2.99 |
| #54-Red             | —          | —          | —                        | —          | —          | —                        | 16.2       | 0.75       | 2.72                     | 16.5       | 0.78       | 2.82                     | 16.8       | 0.84       | 3.01                     | 16.8 | 0.88 | 3.18 |



## 702 Series Rotors

### U.S. Performance Data

#### DUAL SPREADER™ NOZZLES

| Base Pressure (psi) | 50          |            | 60          |            | 70          |            | 80          |            | 90          |            | 100         |            |
|---------------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|
|                     | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) |
| #28 - White         | 59          | 16.9       | 60          | 18.8       | 62          | 20.3       | 62          | 21.5       | 63          | 22.7       | 65          | 24.2       |
| #32 - Blue          | 62          | 20.6       | 63          | 22.1       | 65          | 23.3       | 67          | 25.0       | 69          | 27.3       | 69          | 28.7       |
| #36 - Yellow        | 66          | 21.0       | 66          | 24.0       | 68          | 26.4       | 70          | 28.3       | 70          | 28.8       | 71          | 31.2       |
| #40 - Orange        | 64          | 23.9       | 68          | 26.3       | 71          | 28.7       | 72          | 30.6       | 73          | 32.1       | 74          | 33.5       |
| #44 - Green         | —           | —          | 69          | 29.0       | 73          | 31.8       | 75          | 33.9       | 75          | 35.6       | 75          | 37.2       |
| #48 - Black         | —           | —          | —           | —          | 72          | 35.4       | 74          | 37.5       | 75          | 40.9       | 77          | 42.9       |

### Metric Performance Data

#### DUAL SPREADER™ NOZZLES

| Base Pressure (bar) | 3.4        |            |                          | 4.1        |            |                          | 4.8        |            |                          | 5.5        |            |                          | 6.2        |            |                          | 6.9        |            |                          |
|---------------------|------------|------------|--------------------------|------------|------------|--------------------------|------------|------------|--------------------------|------------|------------|--------------------------|------------|------------|--------------------------|------------|------------|--------------------------|
|                     | Radius (m) | Flow (l/s) | Flow (m <sup>2</sup> /h) | Radius (m) | Flow (l/s) | Flow (m <sup>2</sup> /h) | Radius (m) | Flow (l/s) | Flow (m <sup>2</sup> /h) | Radius (m) | Flow (l/s) | Flow (m <sup>2</sup> /h) | Radius (m) | Flow (l/s) | Flow (m <sup>2</sup> /h) | Radius (m) | Flow (l/s) | Flow (m <sup>2</sup> /h) |
| #28 - White         | 18.0       | 1.06       | 3.83                     | 18.3       | 1.18       | 4.26                     | 18.9       | 1.28       | 4.61                     | 18.9       | 1.36       | 4.88                     | 19.2       | 1.43       | 5.14                     | 19.8       | 1.53       | 5.50                     |
| #32 - Blue          | 18.9       | 1.30       | 4.67                     | 19.2       | 1.39       | 5.01                     | 19.8       | 1.47       | 5.29                     | 20.4       | 1.57       | 5.67                     | 21.0       | 1.72       | 6.20                     | 21.0       | 1.81       | 6.51                     |
| #36 - Yellow        | 20.1       | 1.32       | 4.76                     | 20.1       | 1.51       | 5.44                     | 20.7       | 1.67       | 6.00                     | 21.3       | 1.78       | 6.42                     | 21.3       | 1.83       | 6.54                     | 21.6       | 1.97       | 7.09                     |
| #40 - Orange        | 19.5       | 1.51       | 5.43                     | 20.7       | 1.66       | 5.97                     | 21.6       | 1.81       | 6.52                     | 22.0       | 1.93       | 6.95                     | 22.3       | 2.03       | 7.29                     | 22.6       | 2.11       | 7.60                     |
| #44 - Green         | —          | —          | —                        | 21.0       | 1.83       | 6.59                     | 22.3       | 2.01       | 7.23                     | 22.9       | 2.14       | 7.71                     | 22.9       | 2.25       | 8.09                     | 22.9       | 2.34       | 8.44                     |
| #48 - Black         | —          | —          | —                        | —          | —          | —                        | 22.0       | 2.23       | 8.04                     | 22.6       | 2.36       | 8.51                     | 22.9       | 2.58       | 9.29                     | 23.5       | 2.70       | 9.73                     |



## 752 Series Rotors

### U.S. Performance Data

DUAL SPREADER™ NOZZLES WITH STANDARD AND LOW-ANGLE (LA) HOUSINGS

| Base Pressure (psi) | 50          |         |            | 60          |         |            | 70          |         |            | 80          |         |            | 90          |         |            | 100         |         |            |
|---------------------|-------------|---------|------------|-------------|---------|------------|-------------|---------|------------|-------------|---------|------------|-------------|---------|------------|-------------|---------|------------|
|                     | Radius (ft) | LA (ft) | Flow (gpm) | Radius (ft) | LA (ft) | Flow (gpm) | Radius (ft) | LA (ft) | Flow (gpm) | Radius (ft) | LA (ft) | Flow (gpm) | Radius (ft) | LA (ft) | Flow (gpm) | Radius (ft) | LA (ft) | Flow (gpm) |
| #18 - Beige*        | —           | —       | —          | —           | —       | —          | 30          | —       | 6.8        | 31          | —       | 7.2        | 32          | —       | 7.5        | 34          | —       | 7.8        |
| #20 - Gray*         | —           | —       | —          | —           | —       | —          | 37          | 34      | 8.4        | 38          | 35      | 9.1        | 39          | 36      | 9.5        | 40          | 37      | 10.0       |
| #22 - Red*          | 41          | 38      | 8.8        | 43          | 40      | 9.7        | 44          | 41      | 10.2       | 44          | 42      | 10.8       | 44          | 42      | 11.5       | 44          | 43      | 12.0       |
| #24 - Plum*         | 46          | 42      | 8.3        | 47          | 43      | 8.9        | 47          | 44      | 9.6        | 48          | 44      | 10.2       | 48          | 45      | 10.8       | 48          | 46      | 11.4       |
| #26 - Lt. Green*    | 50          | 46      | 9.5        | 50          | 45      | 10.1       | 51          | 47      | 10.9       | 51          | 49      | 11.6       | 52          | 49      | 12.3       | 53          | 50      | 12.8       |
| #28 - White**       | 54          | 51      | 14.9       | 56          | 54      | 16.4       | 58          | 56      | 17.6       | 58          | 57      | 18.8       | 57          | 58      | 20.2       | 59          | 57      | 21.4       |
| #32 - Blue**        | 62          | 54      | 17.1       | 62          | 56      | 19.0       | 63          | 59      | 20.3       | 63          | 61      | 21.8       | 67          | 61      | 22.9       | 67          | 61      | 24.0       |
| #36 - Yellow**      | 64          | 59      | 19.5       | 65          | 62      | 21.3       | 66          | 64      | 23.2       | 68          | 65      | 24.7       | 68          | 66      | 26.2       | 69          | 68      | 27.2       |
| #40 - Orange**      | 63          | 63      | 22.3       | 65          | 64      | 24.0       | 67          | 66      | 26.3       | 68          | 67      | 27.9       | 69          | 68      | 29.7       | 69          | 68      | 31.1       |
| #44 - Green**       | —           | —       | —          | 67          | 66      | 26.9       | 69          | 68      | 28.6       | 71          | 70      | 30.6       | 71          | 71      | 32.5       | 73          | 71      | 34.0       |
| #48 - Black**       | —           | —       | —          | —           | —       | —          | 76          | 70      | 31.5       | 76          | 72      | 34.0       | 76          | 74      | 35.8       | 75          | 76      | 38.5       |
| #50 - Dk. Brown**   | —           | —       | —          | —           | —       | —          | 79          | 68      | 39.4       | 81          | 70      | 41.9       | 82          | 73      | 44.7       | 84          | 75      | 47.0       |

### Metric Performance Data

DUAL SPREADER™ NOZZLES WITH STANDARD AND LOW-ANGLE (LA) HOUSINGS

| Base Pressure (bar) | 3.4        |        |            |             | 4.1        |        |            |             | 4.8        |        |            |             | 5.5        |        |            |             | 6.2        |        |            |             | 6.9        |        |            |             |
|---------------------|------------|--------|------------|-------------|------------|--------|------------|-------------|------------|--------|------------|-------------|------------|--------|------------|-------------|------------|--------|------------|-------------|------------|--------|------------|-------------|
|                     | Radius (m) | LA (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | LA (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | LA (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | LA (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | LA (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | LA (m) | Flow (l/s) | Flow (m³/h) |
| #18 - Beige*        | —          | —      | —          | —           | —          | —      | —          | —           | 9.1        | —      | 0.43       | 1.54        | 9.5        | —      | 0.45       | 1.63        | 9.8        | —      | 0.47       | 1.70        | 10.4       | —      | 0.49       | 1.77        |
| #20 - Gray*         | —          | —      | —          | —           | —          | —      | —          | —           | 11.3       | 10.4   | 0.53       | 1.92        | 11.6       | 10.7   | 0.57       | 2.06        | 11.9       | 11.0   | 0.60       | 2.15        | 12.2       | 11.3   | 0.63       | 2.27        |
| #22 - Red*          | 12.5       | 11.6   | 0.56       | 2.00        | 13.1       | 12.2   | 0.61       | 2.19        | 13.4       | 12.5   | 0.64       | 2.32        | 13.4       | 12.8   | 0.68       | 2.45        | 13.4       | 12.8   | 0.72       | 2.60        | 13.4       | 13.1   | 0.76       | 2.73        |
| #24 - Plum*         | 14.0       | 12.8   | 0.53       | 1.89        | 14.3       | 13.1   | 0.56       | 2.02        | 14.3       | 13.4   | 0.61       | 2.18        | 14.6       | 13.4   | 0.64       | 2.31        | 14.6       | 13.7   | 0.68       | 2.45        | 14.6       | 14.0   | 0.72       | 2.59        |
| #26 - Lt. Green*    | 15.2       | 14.0   | 0.60       | 2.16        | 15.2       | 13.7   | 0.64       | 2.30        | 15.5       | 14.3   | 0.69       | 2.48        | 15.5       | 14.9   | 0.73       | 2.64        | 15.9       | 14.9   | 0.78       | 2.80        | 16.2       | 15.2   | 0.80       | 2.90        |
| #28 - White**       | 16.5       | 15.5   | 0.94       | 3.38        | 17.1       | 16.5   | 1.03       | 3.71        | 17.7       | 17.1   | 1.11       | 3.99        | 17.7       | 17.4   | 1.19       | 4.27        | 17.4       | 17.7   | 1.27       | 4.58        | 18.0       | 17.4   | 1.35       | 4.86        |
| #32 - Blue**        | 18.9       | 16.5   | 1.08       | 3.88        | 18.9       | 17.1   | 1.20       | 4.32        | 19.2       | 18.0   | 1.28       | 4.62        | 19.2       | 18.6   | 1.37       | 4.94        | 20.4       | 18.6   | 1.44       | 5.20        | 20.4       | 18.6   | 1.51       | 5.44        |
| #36 - Yellow**      | 19.5       | 18.0   | 1.23       | 4.44        | 19.8       | 18.9   | 1.35       | 4.84        | 20.1       | 19.5   | 1.47       | 5.27        | 20.7       | 19.8   | 1.56       | 5.61        | 20.7       | 20.1   | 1.65       | 5.96        | 21.0       | 20.7   | 1.72       | 6.18        |
| #40 - Orange**      | 19.2       | 19.2   | 1.40       | 5.06        | 19.8       | 19.5   | 1.51       | 5.44        | 20.4       | 20.1   | 1.66       | 5.98        | 20.7       | 20.4   | 1.76       | 6.34        | 21.0       | 20.7   | 1.87       | 6.75        | 21.0       | 20.7   | 1.96       | 7.06        |
| #44 - Green**       | —          | —      | —          | —           | 20.4       | 20.1   | 1.70       | 6.12        | 21.0       | 20.7   | 1.80       | 6.49        | 21.6       | 21.3   | 1.93       | 6.95        | 21.6       | 21.6   | 2.05       | 7.38        | 22.3       | 21.6   | 2.15       | 7.73        |
| #48 - Black**       | —          | —      | —          | —           | —          | —      | —          | —           | 23.2       | 21.3   | 1.99       | 7.15        | 23.2       | 22.0   | 2.14       | 7.71        | 23.2       | 22.6   | 2.26       | 8.13        | 22.9       | 22.9   | 2.43       | 8.74        |
| #50 - Dk. Brown**   | —          | —      | —          | —           | —          | —      | —          | —           | 24.1       | 20.7   | 2.48       | 8.94        | 24.7       | 21.3   | 2.64       | 9.52        | 25.0       | 22.3   | 2.82       | 10.16       | 25.6       | 22.9   | 2.97       | 10.68       |

\*Requires Low-Flow Valve in Valve-in-Head (VIH) Case Assembly

\*\*Requires High-Flow Valve-in-Head (VIH) Case Assembly



## 752 Series Rotors — Rear Spreader Nozzles

### U.S. Performance Data

| REAR SPREADER NOZZLES              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |           |  |  |
|------------------------------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|-----------|--|--|
| Spreader<br>Nozzle Color           | Flow<br>(gpm) | Nozzle Range |              | Flow<br>(gpm) | Nozzle Range |              | Flow<br>(gpm) | Nozzle Range |              | Flow<br>(gpm) | Nozzle Range |              | Flow<br>(gpm) | Nozzle Range |              | Flow<br>(gpm) | Nozzle Range |              |           |  |  |
|                                    |               | Main<br>(ft) | Rear<br>(ft) |               | Main<br>(ft) | Rear<br>(ft) |               | Main<br>(ft) | Rear<br>(ft) |               | Main<br>(ft) | Rear<br>(ft) |               | Main<br>(ft) | Rear<br>(ft) |               | Main<br>(ft) | Rear<br>(ft) |           |  |  |
| <b>MAIN NOZZLE #18 – BEIGE</b>     |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |           |  |  |
| Pressure (psi)                     |               | <b>70</b>    |              |               | <b>80</b>    |              |               |              | <b>70</b>    |               |              | <b>80</b>    |               |              |              | <b>70</b>     |              |              | <b>80</b> |  |  |
| Orange                             | 11.3          | 26           | 36           | 12.2          | 28           | 36           | 11.4          | 38           | 36           | 12.2          | 38           | 34           | 13.0          | 42           | 32           | 13.6          | 42           | 34           |           |  |  |
| Green                              | 13.9          | 26           | 52           | 14.6          | 28           | 52           | 15.3          | 34           | 50           | 16.3          | 36           | 52           | 16.4          | 40           | 52           | 17.5          | 40           | 52           |           |  |  |
| Blue                               | 14.2          | 26           | 48           | 15.2          | 26           | 48           | 15.6          | 36           | 48           | 16.6          | 36           | 44           | 16.7          | 42           | 46           | 17.9          | 42           | 46           |           |  |  |
| Black                              | 13.3          | 26           | 46           | 14.0          | 26           | 46           | 14.5          | 36           | 46           | 15.3          | 36           | 46           | 15.8          | 40           | 44           | 16.9          | 42           | 44           |           |  |  |
| Red                                | 12.3          | 26           | 50           | 12.9          | 26           | 52           | 13.3          | 36           | 50           | 14.3          | 36           | 52           | 14.7          | 40           | 50           | 15.8          | 40           | 50           |           |  |  |
| Blue + Diffuser                    | 10.8          | 26           | 34           | 11.3          | 28           | 34           | 12.2          | 36           | 34           | 12.8          | 38           | 34           | 13.5          | 40           | 32           | 14.3          | 40           | 34           |           |  |  |
| Black + Diffuser                   | 11.4          | 27           | 32           | 11.1          | 28           | 32           | 12.1          | 36           | 33           | 12.8          | 37           | 32           | 13.2          | 39           | 32           | 14.1          | 39           | 32           |           |  |  |
| <b>MAIN NOZZLE #20 – GRAY</b>      |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |           |  |  |
| <b>MAIN NOZZLE #22 – RED</b>       |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |           |  |  |
| <b>MAIN NOZZLE #24 – PLUM</b>      |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |           |  |  |
| Pressure (psi)                     |               | <b>70</b>    |              |               | <b>80</b>    |              |               |              | <b>70</b>    |               |              | <b>80</b>    |               |              |              | <b>70</b>     |              |              | <b>80</b> |  |  |
| Orange                             | 12.2          | 44           | 32           | 12.9          | 44           | 32           | 15.0          | 48           | 32           | 16.0          | 52           | 34           | 20.3          | 58           | 34           | 21.8          | 58           | 34           |           |  |  |
| Green                              | 15.9          | 44           | 50           | 16.9          | 46           | 50           | 18.7          | 48           | 50           | 19.9          | 50           | 52           | 23.8          | 56           | 50           | 25.0          | 56           | 50           |           |  |  |
| Blue                               | 16.2          | 44           | 46           | 17.3          | 44           | 46           | 18.9          | 50           | 46           | 20.2          | 50           | 46           | 24.3          | 56           | 42           | 25.8          | 56           | 42           |           |  |  |
| Black                              | 15.2          | 44           | 46           | 16.4          | 44           | 46           | 17.3          | 48           | 44           | 18.5          | 48           | 44           | 23.3          | 58           | 40           | 24.7          | 58           | 40           |           |  |  |
| Red                                | 14.1          | 46           | 50           | 15.2          | 46           | 50           | 16.8          | 48           | 50           | 17.8          | 48           | 52           | 22.4          | 60           | 50           | 23.6          | 58           | 50           |           |  |  |
| Blue + Diffuser                    | 13.0          | 46           | 34           | 13.8          | 44           | 34           | 15.2          | 50           | 34           | 16.3          | 50           | 34           | 21.4          | 60           | 34           | 22.6          | 60           | 34           |           |  |  |
| Black + Diffuser                   | 12.7          | 44           | 32           | 13.6          | 44           | 32           | 15.5          | 47           | 31           | 16.5          | 48           | 31           | 20.8          | 57           | 32           | 22.4          | 58           | 31           |           |  |  |
| <b>MAIN NOZZLE #26 – LT. GREEN</b> |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |           |  |  |
| <b>MAIN NOZZLE #28 – WHITE</b>     |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |           |  |  |
| <b>MAIN NOZZLE #32 – BLUE</b>      |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |           |  |  |
| Pressure (psi)                     |               | <b>70</b>    |              |               | <b>80</b>    |              |               |              | <b>70</b>    |               |              | <b>80</b>    |               |              |              | <b>70</b>     |              |              | <b>80</b> |  |  |
| Orange                             | 22.5          | 64           | 32           | 24.1          | 64           | 32           | 25.0          | 66           | 32           | 26.8          | 66           | 32           | 28.2          | 68           | 30           | 30.1          | 68           | 30           |           |  |  |
| Green                              | 25.8          | 60           | 50           | 27.5          | 62           | 50           | 28.4          | 64           | 48           | 31.8          | 64           | 48           | 31.6          | 68           | 46           | 33.2          | 68           | 46           |           |  |  |
| Blue                               | 25.8          | 60           | 42           | 27.5          | 60           | 42           | 28.5          | 64           | 40           | 30.5          | 64           | 40           | 31.5          | 66           | 40           | 33.5          | 66           | 40           |           |  |  |
| Black                              | 25.5          | 60           | 38           | 27.1          | 60           | 40           | 28.2          | 64           | 38           | 29.6          | 64           | 36           | 38.7          | 66           | 38           | 32.9          | 68           | 38           |           |  |  |
| Red                                | 24.1          | 62           | 48           | 25.9          | 62           | 48           | 27.0          | 64           | 48           | 29.0          | 66           | 48           | 30.1          | 68           | 48           | 32.3          | 68           | 48           |           |  |  |
| Blue + Diffuser                    | 23.3          | 62           | 32           | 24.7          | 62           | 34           | 26.1          | 64           | 34           | 27.9          | 68           | 34           | 38.2          | 68           | 32           | 38.5          | 68           | 32           |           |  |  |
| Black + Diffuser                   | 22.9          | 61           | 31           | 24.4          | 61           | 31           | 25.9          | 64           | 31           | 27.5          | 66           | 31           | 28.4          | 67           | 30           | 30.8          | 68           | 30           |           |  |  |
| <b>MAIN NOZZLE #36 – YELLOW</b>    |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |           |  |  |
| <b>MAIN NOZZLE #40 – ORANGE</b>    |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |           |  |  |
| <b>MAIN NOZZLE #44 – GREEN</b>     |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |           |  |  |
| Pressure (psi)                     |               | <b>70</b>    |              |               | <b>80</b>    |              |               |              | <b>70</b>    |               |              | <b>80</b>    |               |              |              | <b>70</b>     |              |              | <b>80</b> |  |  |
| Orange                             | 30.6          | 68           | 32           | 32.7          | 70           | 30           | 33.4          | 70           | 30           | 35.9          | 70           | 30           | 41.1          | 74           | 30           | 43.7          | 76           | 30           |           |  |  |
| Green                              | 33.6          | 68           | 46           | 36.2          | 70           | 46           | 36.2          | 66           | 46           | 38.7          | 70           | 46           | 43.6          | 72           | 42           | 46.2          | 74           | 42           |           |  |  |
| Blue                               | 34.7          | 68           | 38           | 36.6          | 70           | 38           | 36.9          | 66           | 34           | 40.0          | 68           | 36           | 43.4          | 72           | 36           | 46.5          | 74           | 36           |           |  |  |
| Black                              | 33.3          | 68           | 38           | 34.9          | 70           | 38           | 35.9          | 68           | 38           | 38.1          | 70           | 38           | 42.7          | 72           | 34           | 45.8          | 74           | 34           |           |  |  |
| Red                                | 32.5          | 68           | 48           | 34.5          | 70           | 48           | 34.8          | 70           | 46           | 37.5          | 72           | 46           | 42.3          | 72           | 44           | 44.8          | 74           | 44           |           |  |  |
| Blue + Diffuser                    | 31.4          | 70           | 32           | 33.7          | 72           | 32           | 34.6          | 70           | 34           | 36.0          | 72           | 34           | 41.6          | 74           | 32           | 44.2          | 76           | 32           |           |  |  |
| Black + Diffuser                   | 31.5          | 69           | 30           | 33.3          | 71           | 30           | 34.3          | 71           | 30           | 36.7          | 71           | 30           | 41.2          | 73           | 29           | 43.8          | 75           | 29           |           |  |  |
| <b>MAIN NOZZLE #48 – BLACK</b>     |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |           |  |  |
| <b>MAIN NOZZLE #50 – DK. BROWN</b> |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |               |              |              |           |  |  |



## 752 Series Rotors — Rear Spreader Nozzles

### Metric Performance Data

| REAR SPREADER NOZZLES          |                   |      |                  |      |                   |                                    |                  |      |                   |      |                  |                                    |                   |      |                  |      |                   |      |                  |      |      |      |      |      |  |
|--------------------------------|-------------------|------|------------------|------|-------------------|------------------------------------|------------------|------|-------------------|------|------------------|------------------------------------|-------------------|------|------------------|------|-------------------|------|------------------|------|------|------|------|------|--|
| Spreader Nozzle Color          | Flow (m³/h) (l/s) |      | Nozzle Range (m) |      | Flow (m³/h) (l/s) |                                    | Nozzle Range (m) |      | Flow (m³/h) (l/s) |      | Nozzle Range (m) |                                    | Flow (m³/h) (l/s) |      | Nozzle Range (m) |      | Flow (m³/h) (l/s) |      | Nozzle Range (m) |      |      |      |      |      |  |
|                                | Main              | Rear | Main             | Rear | Main              | Rear                               | Main             | Rear | Main              | Rear | Main             | Rear                               | Main              | Rear | Main             | Rear | Main              | Rear | Main             | Rear |      |      |      |      |  |
| <b>MAIN NOZZLE #18 – BEIGE</b> |                   |      |                  |      |                   | <b>MAIN NOZZLE #20 – GRAY</b>      |                  |      |                   |      |                  | <b>MAIN NOZZLE #22 – RED</b>       |                   |      |                  |      |                   |      |                  |      |      |      |      |      |  |
| Pressure (bar)                 |                   | 4.8  |                  | 5.5  |                   | 4.8                                |                  | 5.5  |                   | 4.8  |                  | 5.5                                |                   | 4.8  |                  | 5.5  |                   | 4.8  |                  | 5.5  |      |      |      |      |  |
| Orange                         | 2.6               | 0.71 | 7.9              | 11.0 | 2.8               | 0.77                               | 8.5              | 11.0 | 2.6               | 0.72 | 11.6             | 11.0                               | 2.8               | 0.77 | 11.6             | 10.4 | 3.0               | 0.82 | 12.8             | 9.8  | 3.1  | 0.86 | 12.8 | 10.4 |  |
| Green                          | 3.2               | 0.88 | 7.9              | 15.8 | 3.3               | 0.92                               | 8.5              | 15.8 | 3.5               | 0.97 | 10.4             | 15.2                               | 3.7               | 1.03 | 11.0             | 15.8 | 3.7               | 1.03 | 12.2             | 15.8 | 4.0  | 1.10 | 12.2 | 15.8 |  |
| Blue                           | 3.2               | 0.90 | 7.9              | 14.6 | 3.5               | 0.96                               | 7.9              | 14.6 | 3.5               | 0.98 | 11.0             | 14.6                               | 3.8               | 1.05 | 11.0             | 13.4 | 3.8               | 1.05 | 12.8             | 14.0 | 4.1  | 1.13 | 12.8 | 14.0 |  |
| Black                          | 3.0               | 0.84 | 7.9              | 14.0 | 3.2               | 0.88                               | 7.9              | 14.0 | 3.3               | 0.91 | 11.0             | 14.0                               | 3.5               | 0.97 | 11.0             | 14.0 | 3.6               | 1.00 | 12.2             | 13.4 | 3.8  | 1.07 | 12.8 | 13.4 |  |
| Red                            | 2.8               | 0.78 | 7.9              | 15.2 | 2.9               | 0.81                               | 7.9              | 15.8 | 3.0               | 0.84 | 11.0             | 15.2                               | 3.2               | 0.90 | 11.0             | 15.8 | 3.3               | 0.93 | 12.2             | 15.2 | 3.6  | 1.00 | 12.2 | 15.2 |  |
| Blue + Diffuser                | 2.5               | 0.68 | 7.9              | 10.4 | 2.6               | 0.71                               | 8.5              | 10.4 | 2.8               | 0.77 | 11.0             | 10.4                               | 2.9               | 0.81 | 11.6             | 10.4 | 3.1               | 0.85 | 12.2             | 9.8  | 3.2  | 0.90 | 12.2 | 10.4 |  |
| Black + Diffuser               | 2.6               | 0.72 | 8.2              | 9.8  | 2.5               | 0.70                               | 8.5              | 9.8  | 2.7               | 0.76 | 11.0             | 10.1                               | 2.9               | 0.81 | 11.3             | 9.8  | 3.0               | 0.83 | 11.9             | 9.8  | 3.2  | 0.89 | 11.9 | 9.8  |  |
| <b>MAIN NOZZLE #24 – PLUM</b>  |                   |      |                  |      |                   | <b>MAIN NOZZLE #26 – LT. GREEN</b> |                  |      |                   |      |                  | <b>MAIN NOZZLE #28 – WHITE</b>     |                   |      |                  |      |                   |      |                  |      |      |      |      |      |  |
| Pressure (bar)                 |                   | 4.8  |                  | 5.5  |                   | 4.8                                |                  | 5.5  |                   | 4.8  |                  | 5.5                                |                   | 4.8  |                  | 5.5  |                   | 4.8  |                  | 5.5  |      | 4.8  |      | 5.5  |  |
| Orange                         | 2.8               | 0.77 | 13.4             | 9.8  | 2.9               | 0.81                               | 13.4             | 9.8  | 3.4               | 0.95 | 14.6             | 9.8                                | 3.6               | 1.01 | 15.8             | 10.4 | 4.6               | 1.28 | 17.7             | 10.4 | 5.0  | 1.38 | 17.7 | 10.4 |  |
| Green                          | 3.6               | 1.00 | 13.4             | 15.2 | 3.8               | 1.07                               | 14.0             | 15.2 | 4.2               | 1.18 | 14.6             | 15.2                               | 4.5               | 1.26 | 15.2             | 15.8 | 5.4               | 1.50 | 17.1             | 15.2 | 5.7  | 1.58 | 17.1 | 15.2 |  |
| Blue                           | 3.7               | 1.02 | 13.4             | 14.0 | 3.9               | 1.09                               | 13.4             | 14.0 | 4.3               | 1.19 | 15.2             | 14.0                               | 4.6               | 1.27 | 15.2             | 14.0 | 5.5               | 1.53 | 17.1             | 12.8 | 5.9  | 1.63 | 17.1 | 12.8 |  |
| Black                          | 3.5               | 0.96 | 13.4             | 14.0 | 3.7               | 1.03                               | 13.4             | 14.0 | 3.9               | 1.09 | 14.6             | 13.4                               | 4.2               | 1.17 | 14.6             | 13.4 | 5.3               | 1.47 | 17.7             | 12.2 | 5.6  | 1.56 | 17.7 | 12.2 |  |
| Red                            | 3.2               | 0.89 | 14.0             | 15.2 | 3.5               | 0.96                               | 14.0             | 15.2 | 3.8               | 1.06 | 14.6             | 15.2                               | 4.0               | 1.12 | 14.6             | 15.8 | 5.1               | 1.41 | 18.3             | 15.2 | 5.4  | 1.49 | 17.7 | 15.2 |  |
| Blue + Diffuser                | 3.0               | 0.82 | 14.0             | 10.4 | 3.1               | 0.87                               | 13.4             | 10.4 | 3.5               | 0.96 | 15.2             | 10.4                               | 3.7               | 1.03 | 15.2             | 10.4 | 4.9               | 1.35 | 18.3             | 10.4 | 5.1  | 1.43 | 18.3 | 10.4 |  |
| Black + Diffuser               | 2.9               | 0.80 | 13.4             | 9.8  | 3.1               | 0.86                               | 13.4             | 9.8  | 3.5               | 0.98 | 14.3             | 9.4                                | 3.7               | 1.04 | 14.5             | 9.4  | 4.7               | 1.31 | 17.4             | 9.8  | 5.1  | 1.41 | 17.7 | 9.4  |  |
| <b>MAIN NOZZLE #32 – BLUE</b>  |                   |      |                  |      |                   | <b>MAIN NOZZLE #36 – YELLOW</b>    |                  |      |                   |      |                  | <b>MAIN NOZZLE #40 – ORANGE</b>    |                   |      |                  |      |                   |      |                  |      |      |      |      |      |  |
| Pressure (bar)                 |                   | 4.8  |                  | 5.5  |                   | 4.8                                |                  | 5.5  |                   | 4.8  |                  | 5.5                                |                   | 4.8  |                  | 5.5  |                   | 4.8  |                  | 5.5  |      | 4.8  |      | 5.5  |  |
| Orange                         | 5.1               | 1.42 | 19.5             | 9.8  | 5.5               | 1.52                               | 19.5             | 9.8  | 5.7               | 1.58 | 20.1             | 9.8                                | 6.1               | 1.69 | 20.1             | 9.8  | 6.4               | 1.78 | 20.7             | 9.1  | 6.8  | 1.90 | 20.7 | 9.1  |  |
| Green                          | 5.9               | 1.63 | 18.3             | 15.2 | 6.2               | 1.73                               | 18.9             | 15.2 | 6.5               | 1.79 | 19.5             | 14.6                               | 7.2               | 2.01 | 19.5             | 14.6 | 7.2               | 1.99 | 20.7             | 14.0 | 7.5  | 2.09 | 20.7 | 14.0 |  |
| Blue                           | 5.9               | 1.63 | 18.3             | 12.8 | 6.2               | 1.73                               | 18.3             | 12.8 | 6.5               | 1.80 | 19.5             | 12.2                               | 6.9               | 1.92 | 19.5             | 12.2 | 7.2               | 1.99 | 20.1             | 12.2 | 7.6  | 2.11 | 20.1 | 12.2 |  |
| Black                          | 5.8               | 1.61 | 18.3             | 11.6 | 6.2               | 1.71                               | 18.3             | 12.2 | 6.4               | 1.78 | 19.5             | 11.6                               | 6.7               | 1.87 | 19.5             | 11.0 | 8.8               | 2.44 | 20.1             | 11.6 | 7.5  | 2.08 | 20.7 | 11.6 |  |
| Red                            | 5.5               | 1.52 | 18.9             | 14.6 | 5.9               | 1.63                               | 18.9             | 14.6 | 6.1               | 1.70 | 19.5             | 14.6                               | 6.6               | 1.83 | 20.1             | 14.6 | 6.8               | 1.90 | 20.7             | 14.6 | 7.3  | 2.04 | 20.7 | 14.6 |  |
| Blue + Diffuser                | 5.3               | 1.47 | 18.9             | 9.8  | 5.6               | 1.56                               | 18.9             | 10.4 | 5.9               | 1.65 | 19.5             | 10.4                               | 6.3               | 1.76 | 20.7             | 10.4 | 8.7               | 2.41 | 20.7             | 9.8  | 8.7  | 2.43 | 20.7 | 9.8  |  |
| Black + Diffuser               | 5.2               | 1.44 | 18.6             | 9.4  | 5.5               | 1.54                               | 18.6             | 9.4  | 5.9               | 1.63 | 19.5             | 9.4                                | 6.2               | 1.73 | 20.1             | 9.4  | 6.5               | 1.79 | 20.4             | 9.1  | 7.0  | 1.94 | 20.7 | 9.1  |  |
| <b>MAIN NOZZLE #44 – GREEN</b> |                   |      |                  |      |                   | <b>MAIN NOZZLE #48 – BLACK</b>     |                  |      |                   |      |                  | <b>MAIN NOZZLE #50 – DK. BROWN</b> |                   |      |                  |      |                   |      |                  |      |      |      |      |      |  |
| Pressure (bar)                 |                   | 4.8  |                  | 5.5  |                   | 4.8                                |                  | 5.5  |                   | 4.8  |                  | 5.5                                |                   | 4.8  |                  | 5.5  |                   | 4.8  |                  | 5.5  |      | 4.8  |      | 5.5  |  |
| Orange                         | 7.0               | 1.93 | 20.7             | 9.8  | 7.4               | 2.06                               | 21.3             | 9.1  | 7.6               | 2.11 | 21.3             | 9.1                                | 8.2               | 2.26 | 21.3             | 9.1  | 9.3               | 2.59 | 22.6             | 9.1  | 9.9  | 2.76 | 23.2 | 9.1  |  |
| Green                          | 7.6               | 2.12 | 20.7             | 14.0 | 8.2               | 2.28                               | 21.3             | 14.0 | 8.2               | 2.28 | 20.1             | 14.0                               | 8.8               | 2.44 | 21.3             | 14.0 | 9.9               | 2.75 | 21.9             | 12.8 | 10.5 | 2.91 | 22.6 | 12.8 |  |
| Blue                           | 7.9               | 2.19 | 20.7             | 11.6 | 8.3               | 2.31                               | 21.3             | 11.6 | 8.4               | 2.33 | 20.1             | 10.4                               | 9.1               | 2.52 | 20.7             | 11.0 | 9.9               | 2.74 | 21.9             | 11.0 | 10.6 | 2.93 | 22.6 | 11.0 |  |
| Black                          | 7.6               | 2.10 | 20.7             | 11.6 | 7.9               | 2.20                               | 21.3             | 11.6 | 8.2               | 2.26 | 20.7             | 11.6                               | 8.7               | 2.40 | 21.3             | 11.6 | 9.7               | 2.69 | 21.9             | 10.4 | 10.4 | 2.89 | 22.6 | 10.4 |  |
| Red                            | 7.4               | 2.05 | 20.7             | 14.6 | 7.8               | 2.18                               | 21.3             | 14.6 | 7.9               | 2.20 | 21.3             | 14.0                               | 8.5               | 2.37 | 21.9             | 14.0 | 9.6               | 2.67 | 21.9             | 13.4 | 10.2 | 2.83 | 22.6 | 13.4 |  |
| Blue + Diffuser                | 7.1               | 1.98 | 21.3             | 9.8  | 7.7               | 2.13                               | 21.9             | 9.8  | 7.9               | 2.18 | 21.3             | 10.4                               | 8.2               | 2.27 | 21.9             | 10.4 | 9.4               | 2.62 | 22.6             | 9.8  | 10.0 | 2.79 | 23.2 | 9.8  |  |
| Black + Diffuser               | 7.2               | 1.99 | 21.0             | 9.1  | 7.6               | 2.10                               | 21.6             | 9.1  | 7.8               | 2.16 | 21.6             | 9.1                                | 8.3               | 2.32 | 21.6             | 9.1  | 9.4               | 2.60 | 22.3             | 8.8  | 9.9  | 2.76 | 22.9 | 8.8  |  |



## 952 Series Rotors

### U.S. Performance Data

| FRONT NOZZLES       |             |            |              |            |              |            |             |            |             |            |             |            |      |
|---------------------|-------------|------------|--------------|------------|--------------|------------|-------------|------------|-------------|------------|-------------|------------|------|
| Base Pressure (psi) | #44 – Blue  |            | #48 – Yellow |            | #52 – Orange |            | #56 – Green |            | #60 – Black |            | #64 – Red   |            |      |
|                     | Radius (ft) | Flow (gpm) | Radius (ft)  | Flow (gpm) | Radius (ft)  | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) |      |
| STANDARD            | 60          | 70         | 19.7         | 76         | 27.1         | 79         | 31.5        | 81         | 35.3        | 83         | 38.8        | 85         | 42   |
|                     | 70          | 71         | 21.3         | 78         | 29.7         | 81         | 34          | 84         | 38.2        | 86         | 42.1        | 89         | 47.1 |
|                     | 80          | 73         | 22.8         | 79         | 31.6         | 83         | 36.3        | 87         | 41          | 88         | 44.9        | 93         | 48.7 |
|                     | 90          | 73         | 23.8         | 82         | 33.3         | 85         | 38.4        | 90         | 42.8        | 91         | 47.6        | 98         | 51.7 |
|                     | 100         | 74         | 25           | 82         | 35.1         | 88         | 40.6        | 92         | 45.5        | 94         | 49.1        | 101        | 54.5 |
| LOW-ANGLE           | 60          | 70         | 19.7         | 77         | 27.7         | 78         | 31.8        | 82         | 35.9        | 81         | 39.4        | —          | —    |
|                     | 70          | 74         | 21.1         | 80         | 30           | 83         | 34.2        | 87         | 38.7        | 86         | 42.6        | —          | —    |
|                     | 80          | 76         | 22.9         | 82         | 31.5         | 86         | 36.6        | 89         | 40.9        | 89         | 45.6        | —          | —    |
|                     | 90          | 77         | 24.1         | 84         | 33.5         | 87         | 38.7        | 90         | 43.4        | 92         | 48.1        | —          | —    |
|                     | 100         | 79         | 25.4         | 86         | 35.4         | 89         | 40.8        | 94         | 46          | 96         | 51          | —          | —    |

### Metric Performance Data

| FRONT NOZZLES       |            |                          |            |              |                          |            |              |                          |            |             |                          |            |             |                          |            |            |                          |            |      |
|---------------------|------------|--------------------------|------------|--------------|--------------------------|------------|--------------|--------------------------|------------|-------------|--------------------------|------------|-------------|--------------------------|------------|------------|--------------------------|------------|------|
| Base Pressure (bar) | #44 – Blue |                          |            | #48 – Yellow |                          |            | #52 – Orange |                          |            | #56 – Green |                          |            | #60 – Black |                          |            | #64 – Red  |                          |            |      |
|                     | Radius (m) | Flow (m <sup>3</sup> /h) | Flow (l/s) | Radius (m)   | Flow (m <sup>3</sup> /h) | Flow (l/s) | Radius (m)   | Flow (m <sup>3</sup> /h) | Flow (l/s) | Radius (m)  | Flow (m <sup>3</sup> /h) | Flow (l/s) | Radius (m)  | Flow (m <sup>3</sup> /h) | Flow (l/s) | Radius (m) | Flow (m <sup>3</sup> /h) | Flow (l/s) |      |
| STANDARD            | 4.1        | 21.3                     | 4.5        | 1.24         | 23.2                     | 6.2        | 1.71         | 24.1                     | 7.2        | 1.99        | 24.7                     | 8.0        | 2.23        | 25.3                     | 8.8        | 2.45       | 25.9                     | 9.5        | 2.65 |
|                     | 4.8        | 21.6                     | 4.8        | 1.34         | 23.8                     | 6.7        | 1.87         | 24.7                     | 7.7        | 2.15        | 25.6                     | 8.7        | 2.41        | 26.2                     | 9.6        | 2.66       | 27.1                     | 10.7       | 2.97 |
|                     | 5.5        | 22.3                     | 5.2        | 1.44         | 24.1                     | 7.2        | 1.99         | 25.3                     | 8.2        | 2.29        | 26.5                     | 9.3        | 2.59        | 26.8                     | 10.2       | 2.83       | 28.3                     | 11.1       | 3.07 |
|                     | 6.2        | 22.3                     | 5.4        | 1.50         | 25.0                     | 7.6        | 2.10         | 25.9                     | 8.7        | 2.42        | 27.4                     | 9.7        | 2.70        | 27.7                     | 10.8       | 3.00       | 29.9                     | 11.7       | 3.26 |
|                     | 6.9        | 22.6                     | 5.7        | 1.58         | 25.0                     | 8.0        | 2.21         | 26.8                     | 9.2        | 2.56        | 28.0                     | 10.3       | 2.87        | 28.7                     | 11.2       | 3.10       | 30.8                     | 12.4       | 3.44 |
| LOW-ANGLE           | 4.1        | 21.3                     | 4.5        | 1.24         | 23.5                     | 6.3        | 1.75         | 23.8                     | 7.2        | 2.01        | 25.0                     | 8.2        | 2.26        | 24.7                     | 8.9        | 2.49       | —                        | —          | —    |
|                     | 4.8        | 22.6                     | 4.8        | 1.33         | 24.4                     | 6.8        | 1.89         | 25.3                     | 7.8        | 2.16        | 26.5                     | 8.8        | 2.44        | 26.2                     | 9.7        | 2.69       | —                        | —          | —    |
|                     | 5.5        | 23.2                     | 5.2        | 1.44         | 25.0                     | 7.2        | 1.99         | 26.2                     | 8.3        | 2.31        | 27.1                     | 9.3        | 2.58        | 27.1                     | 10.4       | 2.88       | —                        | —          | —    |
|                     | 6.2        | 23.5                     | 5.5        | 1.52         | 25.6                     | 7.6        | 2.11         | 26.5                     | 8.8        | 2.44        | 27.4                     | 9.9        | 2.74        | 28.0                     | 10.9       | 3.03       | —                        | —          | —    |
|                     | 6.9        | 24.1                     | 5.8        | 1.60         | 26.2                     | 8.0        | 2.23         | 27.1                     | 9.3        | 2.57        | 28.7                     | 10.4       | 2.90        | 29.3                     | 11.6       | 3.22       | —                        | —          | —    |



## 952 Series Rotors — Rear Spreader Nozzles

### U.S. Performance Data

| REAR SPREADER NOZZLES          |            |              |           |            |              |                                 |            |              |           |            |              |                                 |            |              |           |            |              |           |
|--------------------------------|------------|--------------|-----------|------------|--------------|---------------------------------|------------|--------------|-----------|------------|--------------|---------------------------------|------------|--------------|-----------|------------|--------------|-----------|
| Spreader Nozzle Color          | Flow (gpm) | Nozzle Range |           | Flow (gpm) | Nozzle Range |                                 | Flow (gpm) | Nozzle Range |           | Flow (gpm) | Nozzle Range |                                 | Flow (gpm) | Nozzle Range |           | Flow (gpm) | Nozzle Range |           |
|                                |            | Main (ft)    | Rear (ft) |            | Main (ft)    | Rear (ft)                       |            | Main (ft)    | Rear (ft) |            | Main (ft)    | Rear (ft)                       |            | Main (ft)    | Rear (ft) |            | Main (ft)    | Rear (ft) |
| <b>MAIN NOZZLE #44 – BLUE</b>  |            |              |           |            |              | <b>MAIN NOZZLE #48 – YELLOW</b> |            |              |           |            |              | <b>MAIN NOZZLE #52 – ORANGE</b> |            |              |           |            |              |           |
| Pressure (psi)                 | 70         |              |           | 80         |              |                                 | 70         |              |           | 80         |              |                                 | 70         |              |           | 80         |              |           |
| Orange                         | 23.9       | 69           | 35        | 25.4       | 71           | 35                              | 32.1       | 75           | 33        | 34.1       | 77           | 33                              | 36.5       | 80           | 33        | 39.0       | 83           | 32        |
| Green                          | 27.7       | 69           | 52        | 29.6       | 70           | 51                              | 35.7       | 75           | 50        | 37.8       | 77           | 50                              | 39.9       | 79           | 50        | 42.3       | 81           | 50        |
| Blue                           | 26.5       | 69           | 41        | 28.2       | 70           | 41                              | 34.4       | 76           | 40        | 37.0       | 77           | 39                              | 39.6       | 81           | 39        | 41.9       | 83           | 39        |
| Black                          | 28.6       | 68           | 43        | 28.9       | 71           | 43                              | 35.1       | 75           | 41        | 37.5       | 77           | 41                              | 39.7       | 79           | 40        | 43.9       | 80           | 40        |
| Red                            | 25.9       | 68           | 52        | 27.4       | 69           | 51                              | 34.2       | 74           | 51        | 36.4       | 77           | 52                              | 38.4       | 79           | 50        | 40.8       | 80           | 51        |
| Blue + Diffuser                | 24.4       | 70           | 35        | 26.0       | 70           | 34                              | 32.5       | 75           | 35        | 34.7       | 77           | 34                              | 37.1       | 81           | 35        | 39.1       | 83           | 33        |
| Black + Diffuser               | 24.2       | 69           | 35        | 25.9       | 71           | 33                              | 33.3       | 76           | 34        | 34.7       | 78           | 34                              | 36.9       | 79           | 33        | 39.5       | 81           | 33        |
| <b>MAIN NOZZLE #56 – GREEN</b> |            |              |           |            |              | <b>MAIN NOZZLE #60 – BLACK</b>  |            |              |           |            |              | <b>MAIN NOZZLE #64 – RED</b>    |            |              |           |            |              |           |
| Pressure (psi)                 | 70         |              |           | 80         |              |                                 | 70         |              |           | 80         |              |                                 | 70         |              |           | 80         |              |           |
| Orange                         | 40.6       | 83           | 33        | 43.8       | 86           | 33                              | 44.3       | 85           | 32        | 47.4       | 87           | 31                              | 48.2       | 89           | 33        | 51.4       | 92           | 33        |
| Green                          | 44.0       | 80           | 50        | 46.8       | 84           | 50                              | 47.9       | 83           | 49        | 50.7       | 85           | 49                              | 51.8       | 85           | 49        | 53.3       | 89           | 50        |
| Blue                           | 43.7       | 83           | 39        | 46.1       | 85           | 39                              | 47.1       | 85           | 39        | 50.3       | 87           | 38                              | 50.7       | 88           | 39        | 54.0       | 92           | 37        |
| Black                          | 43.5       | 81           | 40        | 46.5       | 85           | 39                              | 47.4       | 85           | 39        | 50.6       | 87           | 39                              | 49.9       | 85           | 40.7      | 55         | 91           | 39        |
| Red                            | 42.4       | 82           | 50        | 45.4       | 84           | 50                              | 46.1       | 83           | 51        | 49.9       | 86           | 50                              | 50.0       | 87           | 50        | 53.1       | 89           | 51        |
| Blue + Diffuser                | 41.3       | 82           | 34        | 44.2       | 85           | 33                              | 45.3       | 83           | 33        | 48.2       | 85           | 33                              | 48.5       | 86           | 33        | 52.7       | 90           | 35        |
| Black + Diffuser               | 41.5       | 83           | 34        | 44.6       | 86           | 33                              | 45.3       | 84           | 32        | 48.3       | 87           | 32                              | 48.6       | 87           | 31        | 51.7       | 87           | 31        |

### Metric Performance Data

| REAR SPREADER NOZZLES          |             |          |            |          |             |                                 |            |          |             |          |            |                                 |             |          |            |          |             |          |            |          |      |      |      |      |
|--------------------------------|-------------|----------|------------|----------|-------------|---------------------------------|------------|----------|-------------|----------|------------|---------------------------------|-------------|----------|------------|----------|-------------|----------|------------|----------|------|------|------|------|
| Spreader Nozzle Color          | Flow (m³/h) |          | Flow (l/s) |          | Flow (m³/h) |                                 | Flow (l/s) |          | Flow (m³/h) |          | Flow (l/s) |                                 | Flow (m³/h) |          | Flow (l/s) |          | Flow (m³/h) |          | Flow (l/s) |          |      |      |      |      |
|                                | Main (m)    | Rear (m) | Main (m)   | Rear (m) | Main (m)    | Rear (m)                        | Main (m)   | Rear (m) | Main (m)    | Rear (m) | Main (m)   | Rear (m)                        | Main (m)    | Rear (m) | Main (m)   | Rear (m) | Main (m)    | Rear (m) | Main (m)   | Rear (m) |      |      |      |      |
| <b>MAIN NOZZLE #44 – BLUE</b>  |             |          |            |          |             | <b>MAIN NOZZLE #48 – YELLOW</b> |            |          |             |          |            | <b>MAIN NOZZLE #52 – ORANGE</b> |             |          |            |          |             |          |            |          |      |      |      |      |
| Pressure (bar)                 | 4.8         |          |            |          | 5.5         |                                 |            |          | 4.8         |          |            |                                 | 5.5         |          |            |          | 4.8         |          |            |          | 5.5  |      |      |      |
| Orange                         | 5.4         | 1.51     | 21.1       | 10.6     | 5.8         | 1.60                            | 21.7       | 10.8     | 7.3         | 2.02     | 23.0       | 10.2                            | 7.7         | 2.15     | 23.6       | 10.2     | 8.3         | 2.30     | 24.4       | 10.0     | 8.9  | 2.46 | 25.4 | 9.8  |
| Green                          | 6.3         | 1.75     | 20.9       | 15.8     | 6.7         | 1.87                            | 21.3       | 15.6     | 8.1         | 2.25     | 23.0       | 15.2                            | 8.6         | 2.39     | 23.4       | 15.2     | 9.1         | 2.52     | 24.2       | 15.2     | 9.6  | 2.67 | 24.8 | 15.2 |
| Blue                           | 6.0         | 1.67     | 21.1       | 12.6     | 6.4         | 1.78                            | 21.3       | 12.6     | 7.8         | 2.17     | 23.2       | 12.2                            | 8.4         | 2.34     | 23.6       | 12.0     | 9.0         | 2.50     | 24.6       | 12.0     | 9.5  | 2.64 | 25.2 | 11.8 |
| Black                          | 6.5         | 1.81     | 20.7       | 13.0     | 6.6         | 1.82                            | 21.5       | 13.2     | 8.0         | 2.22     | 23.0       | 12.4                            | 8.5         | 2.37     | 23.6       | 12.4     | 9.0         | 2.51     | 24.0       | 12.2     | 10.0 | 2.77 | 24.4 | 12.2 |
| Red                            | 5.9         | 1.63     | 20.7       | 15.8     | 6.2         | 1.73                            | 20.9       | 15.6     | 7.8         | 2.15     | 22.6       | 15.6                            | 8.3         | 2.30     | 23.4       | 15.8     | 8.7         | 2.42     | 24.0       | 15.2     | 9.3  | 2.57 | 24.4 | 15.4 |
| Blue + Diffuser                | 5.5         | 1.54     | 21.3       | 10.8     | 5.9         | 1.64                            | 21.3       | 10.4     | 7.4         | 2.05     | 23.0       | 10.6                            | 7.9         | 2.19     | 23.6       | 10.4     | 8.4         | 2.34     | 24.6       | 10.6     | 8.9  | 2.47 | 25.2 | 10.2 |
| Black + Diffuser               | 5.5         | 1.52     | 21.1       | 10.6     | 5.9         | 1.64                            | 21.7       | 10.2     | 7.6         | 2.10     | 23.2       | 10.4                            | 7.9         | 2.19     | 23.8       | 10.4     | 8.4         | 2.33     | 24.0       | 10.0     | 9.0  | 2.49 | 24.8 | 10.0 |
| <b>MAIN NOZZLE #56 – GREEN</b> |             |          |            |          |             | <b>MAIN NOZZLE #60 – BLACK</b>  |            |          |             |          |            | <b>MAIN NOZZLE #64 – RED</b>    |             |          |            |          |             |          |            |          |      |      |      |      |
| Pressure (bar)                 | 4.8         |          |            |          | 5.5         |                                 |            |          | 4.8         |          |            |                                 | 5.5         |          |            |          | 4.8         |          |            |          | 5.5  |      |      |      |
| Orange                         | 9.2         | 2.56     | 25.4       | 10.2     | 9.9         | 2.76                            | 26.2       | 10.2     | 10.1        | 2.80     | 25.8       | 9.8                             | 10.8        | 2.99     | 26.6       | 9.6      | 10.9        | 3.04     | 27.0       | 10.0     | 11.7 | 3.24 | 28.0 | 10.2 |
| Green                          | 10.0        | 2.77     | 24.4       | 15.2     | 10.6        | 2.95                            | 25.6       | 15.2     | 10.9        | 3.02     | 25.2       | 14.8                            | 11.5        | 3.20     | 26.0       | 15.0     | 11.8        | 3.26     | 26.0       | 15.0     | 12.1 | 3.36 | 27.2 | 15.2 |
| Blue                           | 9.9         | 2.75     | 25.4       | 12.0     | 10.5        | 2.91                            | 26.0       | 11.8     | 10.7        | 2.97     | 25.8       | 11.8                            | 11.4        | 3.18     | 26.6       | 11.6     | 11.5        | 3.20     | 26.8       | 11.8     | 12.3 | 3.40 | 28.0 | 11.4 |
| Black                          | 9.9         | 2.74     | 24.8       | 12.2     | 10.6        | 2.93                            | 25.8       | 12.0     | 10.8        | 2.99     | 25.8       | 11.8                            | 11.5        | 3.19     | 26.4       | 12.0     | 11.3        | 3.15     | 26.0       | 12.4     | 12.4 | 3.44 | 27.6 | 11.8 |
| Red                            | 9.6         | 2.68     | 25.0       | 15.2     | 10.3        | 2.86                            | 25.6       | 15.2     | 10.5        | 2.91     | 25.4       | 15.4                            | 11.3        | 3.15     | 26.2       | 15.2     | 11.4        | 3.15     | 26.4       | 15.2     | 12.1 | 3.35 | 27.0 | 15.4 |
| Blue + Diffuser                | 9.4         | 2.60     | 25.0       | 10.4     | 10.0        | 2.79                            | 25.8       | 10.2     | 10.3        | 2.85     | 25.3       | 10.1                            | 10.9        | 3.04     | 25.9       | 10.1     | 11.0        | 3.06     | 26.2       | 10.2     | 12.0 | 3.32 | 27.4 | 10.6 |
| Black + Diffuser               | 9.4         | 2.62     | 25.2       | 10.4     | 10.1        | 2.81                            | 26.2       | 10.2     | 10.3        | 2.86     | 25.6       | 9.8                             | 11.0        | 3.05     | 26.6       | 9.8      | 11.0        | 3.07     | 26.6       | 9.6      | 11.7 | 3.26 | 26.6 | 9.6  |