













## 4 Series VAN, 0° Trajectory

| Nozzle  | Pressure (psi) | Radius (ft.) | Flow (GPM) | Precip (In/h) ■ | Precip (In/h) ▲ |
|---|----------------|--------------|------------|-----------------|-----------------|
| 330° Arc<br>   | 15             | 3            | 0.62       | 7.23            | 8.35            |
|   | 20             | 3            | 0.7        | 8.17            | 9.43            |
|   | 25             | 4            | 0.8        | 5.25            | 6.06            |
|   | 30             | 4            | 0.88       | 5.78            | 6.67            |
| 270° Arc<br>  | 15             | 3            | 0.52       | 7.42            | 8.57            |
|   | 20             | 3            | 0.58       | 8.27            | 9.55            |
|   | 25             | 4            | 0.66       | 5.29            | 6.11            |
|   | 30             | 4            | 0.73       | 5.86            | 6.77            |
| 180° Arc<br> | 15             | 3            | 0.32       | 6.84            | 7.9             |
|   | 20             | 3            | 0.37       | 7.91            | 9.13            |
|   | 25             | 4            | 0.41       | 4.93            | 5.69            |
|   | 30             | 4            | 0.45       | 5.41            | 6.25            |
| 90° Arc<br>  | 15             | 3            | 0.21       | 8.98            | 10.37           |
|   | 20             | 3            | 0.24       | 10.27           | 11.86           |
|   | 25             | 4            | 0.26       | 6.26            | 7.23            |
|   | 30             | 4            | 0.29       | 6.98            | 8.06            |





## 6 Series VAN, 0° Trajectory

| Nozzle  | Pressure (psi) | Radius (ft.) | Flow (GPM) | Precip (In/h) ■ | Precip (In/h) ▲ |
|---|----------------|--------------|------------|-----------------|-----------------|
| 330° Arc<br>   | 15             | 4            | 0.85       | 5.58            | 6.44            |
|   | 20             | 5            | 0.96       | 4.03            | 4.65            |
|   | 25             | 5            | 1.09       | 4.58            | 5.29            |
|   | 30             | 6            | 1.2        | 3.5             | 4.04            |
| 270° Arc<br> | 15             | 4            | 0.79       | 6.34            | 7.32            |
|   | 20             | 5            | 0.88       | 4.52            | 5.22            |
|   | 25             | 5            | 1          | 5.13            | 5.92            |
|   | 30             | 6            | 1.1        | 3.92            | 4.53            |
| 180° Arc<br> | 15             | 4            | 0.42       | 5.05            | 5.83            |
|   | 20             | 5            | 0.49       | 3.77            | 4.35            |
|   | 25             | 5            | 0.55       | 4.24            | 4.9             |
|   | 30             | 6            | 0.6        | 3.21            | 3.71            |
| 90° Arc<br>  | 15             | 4            | 0.26       | 6.26            | 7.23            |
|   | 20             | 5            | 0.3        | 4.62            | 5.33            |
|   | 25             | 5            | 0.34       | 5.24            | 6.05            |
|   | 30             | 6            | 0.37       | 3.96            | 4.57            |





## 8 Series VAN, 5° Trajectory

| Nozzle  | Pressure (psi) | Radius (ft.) | Flow (GPM) | Precip (In/h) ■ | Precip (In/h) ▲ |
|---|----------------|--------------|------------|-----------------|-----------------|
| 330° Arc<br>   | 15             | 6            | 1.21       | 3.53            | 4.07            |
|   | 20             | 7            | 1.36       | 2.91            | 3.36            |
|   | 25             | 7            | 1.55       | 3.32            | 3.83            |
|   | 30             | 8            | 1.7        | 2.79            | 3.22            |
| 270° Arc<br> | 15             | 6            | 1.11       | 3.95            | 4.55            |
|   | 20             | 7            | 1.24       | 3.24            | 3.74            |
|   | 25             | 7            | 1.41       | 3.69            | 4.25            |
|   | 30             | 8            | 1.55       | 3.1             | 3.58            |
| 180° Arc<br> | 15             | 6            | 0.84       | 4.49            | 5.18            |
|   | 20             | 7            | 0.97       | 3.81            | 4.4             |
|   | 25             | 7            | 1.09       | 4.28            | 4.94            |
|   | 30             | 8            | 1.19       | 3.58            | 4.13            |
| 90° Arc<br>  | 15             | 6            | 0.51       | 5.46            | 6.29            |
|   | 20             | 7            | 0.59       | 4.64            | 5.35            |
|   | 25             | 7            | 0.66       | 5.19            | 5.98            |
|   | 30             | 8            | 0.72       | 4.33            | 5               |





## 10 Series VAN, 10° Trajectory

| Nozzle   | Pressure (psi) | Radius (ft.) | Flow (GPM) | Precip (In/h) ■ | Precip (In/h) ▲ |
|--|----------------|--------------|------------|-----------------|-----------------|
| 360°<br>Arc<br><br>   | 15             | 7            | 1.93       | 3.8             | 4.39            |
|  | 20             | 8            | 2.32       | 3.5             | 4.04            |
|  | 25             | 9            | 2.52       | 3               | 3.46            |
|  | 30             | 10           | 2.6        | 2.5             | 2.89            |
| 270°<br>Arc<br><br> | 15             | 7            | 1.45       | 3.8             | 4.39            |
|  | 20             | 8            | 1.75       | 3.5             | 4.04            |
|  | 25             | 9            | 1.89       | 3               | 3.46            |
|  | 30             | 10           | 2.1        | 2.7             | 3.12            |
| 180°<br>Arc<br><br> | 15             | 7            | 0.97       | 3.8             | 4.39            |
|  | 20             | 8            | 1.2        | 3.5             | 4.04            |
|  | 25             | 9            | 1.26       | 3               | 3.46            |
|  | 30             | 10           | 1.45       | 2.8             | 3.23            |
| 90° Arc<br><br>     | 15             | 7            | 0.48       | 3.8             | 4.39            |
|  | 20             | 8            | 0.58       | 3.5             | 4.04            |
|  | 25             | 9            | 0.63       | 3               | 3.46            |
|  | 30             | 10           | 0.75       | 2.9             | 3.35            |





## 12 Series VAN, 15° Trajectory

| Nozzle   | Pressure (psi) | Radius (ft.) | Flow (GPM) | Precip (In/h) ■ | Precip (In/h) ▲ |
|--|----------------|--------------|------------|-----------------|-----------------|
| 360°<br>Arc<br><br>   | 15             | 9            | 1.8        | 2.14            | 2.47            |
|  | 20             | 10           | 2.1        | 2.02            | 2.34            |
|  | 25             | 11           | 2.4        | 1.91            | 2.21            |
|  | 30             | 12           | 2.6        | 1.74            | 2.01            |
| 270°<br>Arc<br><br>  | 15             | 9            | 1.35       | 2.14            | 2.47            |
|  | 20             | 10           | 1.58       | 2.02            | 2.34            |
|  | 25             | 11           | 1.8        | 1.91            | 2.21            |
|  | 30             | 12           | 1.95       | 1.74            | 2.01            |
| 180°<br>Arc<br><br> | 15             | 9            | 0.9        | 2.14            | 2.47            |
|  | 20             | 10           | 1.05       | 2.02            | 2.34            |
|  | 25             | 11           | 1.2        | 1.91            | 2.21            |
|  | 30             | 12           | 1.3        | 1.74            | 2.01            |
| 90° Arc<br><br>     | 15             | 9            | 0.45       | 2.14            | 2.47            |
|  | 20             | 10           | 0.53       | 2.02            | 2.34            |
|  | 25             | 11           | 0.6        | 1.91            | 2.21            |
|  | 30             | 12           | 0.65       | 1.74            | 2.01            |

## 15 Series VAN, 23° Trajectory

| Nozzle  | Pressure (psi) | Radius (ft.) | Flow (GPM) | Precip (In/h) ■ | Precip (In/h) ▲ |
|---|----------------|--------------|------------|-----------------|-----------------|
| 360° Arc<br>   | 15             | 11           | 2.6        | 2.07            | 2.39            |
|   | 20             | 12           | 3          | 2.01            | 2.32            |
|   | 25             | 14           | 3.3        | 1.62            | 1.87            |
|   | 30             | 15           | 3.7        | 1.58            | 1.83            |
| 270° Arc<br>  | 15             | 11           | 1.95       | 2.07            | 2.39            |
|   | 20             | 12           | 2.25       | 2.01            | 2.32            |
|   | 25             | 14           | 2.48       | 1.62            | 1.87            |
|   | 30             | 15           | 2.78       | 1.58            | 1.83            |
| 180° Arc<br> | 15             | 11           | 1.3        | 2.07            | 2.39            |
|   | 20             | 12           | 1.5        | 2.01            | 2.32            |
|   | 25             | 14           | 1.65       | 1.62            | 1.87            |
|   | 30             | 15           | 1.85       | 1.58            | 1.83            |
| 90° Arc<br>  | 15             | 11           | 0.65       | 2.07            | 2.39            |
|   | 20             | 12           | 0.75       | 2.01            | 2.32            |
|   | 25             | 14           | 0.82       | 1.62            | 1.87            |
|   | 30             | 15           | 0.92       | 1.58            | 1.83            |

## 18 Series VAN, 26° Trajectory

| Nozzle  | Pressure (psi) | Radius (ft.) | Flow (GPM) | Precip (In/h) ■ | Precip (In/h) ▲ |
|---|----------------|--------------|------------|-----------------|-----------------|
| 360° Arc<br>   | 15             | 14           | 4.21       | 2.07            | 2.39            |
|   | 20             | 15           | 4.7        | 2.01            | 2.32            |
|   | 25             | 17           | 4.86       | 1.62            | 1.87            |
|   | 30             | 18           | 5.32       | 1.58            | 1.83            |
| 270° Arc<br> | 15             | 14           | 3.16       | 2.07            | 2.39            |
|   | 20             | 15           | 3.52       | 2.01            | 2.32            |
|   | 25             | 17           | 3.65       | 1.62            | 1.87            |
|   | 30             | 18           | 3.99       | 1.58            | 1.83            |
| 180° Arc<br> | 15             | 14           | 2.11       | 2.07            | 2.39            |
|   | 20             | 15           | 2.35       | 2.01            | 2.32            |
|   | 25             | 17           | 2.43       | 1.62            | 1.87            |
|   | 30             | 18           | 2.66       | 1.58            | 1.83            |
| 90° Arc<br>  | 15             | 14           | 1.05       | 2.07            | 2.39            |
|   | 20             | 15           | 1.17       | 2.01            | 2.32            |
|   | 25             | 17           | 1.22       | 1.62            | 1.87            |
|   | 30             | 18           | 1.33       | 1.58            | 1.83            |