

## RPS75 ■ PERFORMANCE DATA

| PERFORMANCE      |              |            |          |
|------------------|--------------|------------|----------|
| NOZZLE           | PRESSURE PSI | RADIUS FT. | FLOW GPM |
| #3 PRE-INSTALLED | 30           | 36'        | 2.0      |
|                  | 40           | 38'        | 2.4      |
|                  | 50           | 40'        | 2.7      |
|                  | 60           | 40'        | 2.9      |
| #0.5             | 30           | 28'        | .5       |
|                  | 40           | 29'        | .6       |
|                  | 50           | 29'        | .7       |
|                  | 60           | 30'        | .8       |
| #0.75            | 30           | 29'        | .7       |
|                  | 40           | 30'        | .8       |
|                  | 50           | 30'        | .9       |
|                  | 60           | 31'        | 1.0      |
| #1               | 30           | 30'        | 0.9      |
|                  | 40           | 31'        | 1.0      |
|                  | 50           | 31'        | 1.2      |
|                  | 60           | 32'        | 1.3      |
| #2               | 30           | 32'        | 1.2      |
|                  | 40           | 33'        | 1.4      |
|                  | 50           | 34'        | 1.6      |
|                  | 60           | 34'        | 1.8      |
| #4               | 30           | 36'        | 2.6      |
|                  | 40           | 40'        | 3.0      |
|                  | 50           | 42'        | 3.4      |
|                  | 60           | 42'        | 3.7      |
| #6               | 30           | 38'        | 4.2      |
|                  | 40           | 43'        | 4.9      |
|                  | 50           | 46'        | 5.5      |
|                  | 60           | 47'        | 6.0      |
| #8               | 40           | 45'        | 6.0      |
|                  | 50           | 48'        | 6.8      |
|                  | 60           | 49'        | 7.6      |
|                  | 70           | 51'        | 8.2      |

| METRIC           |          |      |               |           |                   |
|------------------|----------|------|---------------|-----------|-------------------|
| NOZZLE           | PRESSURE |      | RADIUS METERS | FLOW RATE |                   |
|                  | kPa      | BARS |               | L/M       | M <sup>3</sup> /H |
| #3 PRE-INSTALLED | 206      | 2.1  | 11.0          | 7.6       | .45               |
|                  | 275      | 2.8  | 11.6          | 9.1       | .55               |
|                  | 344      | 3.4  | 12.2          | 10.2      | .61               |
|                  | 413      | 4.1  | 12.2          | 11.0      | .66               |
| #0.5             | 206      | 2.1  | 8.5           | 1.9       | .11               |
|                  | 275      | 2.8  | 8.8           | 2.3       | .14               |
|                  | 344      | 3.4  | 8.8           | 2.7       | .16               |
|                  | 413      | 4.1  | 9.1           | 3.0       | .18               |
| #0.75            | 206      | 2.1  | 8.8           | 2.6       | .16               |
|                  | 275      | 2.8  | 9.1           | 3.0       | .18               |
|                  | 344      | 3.4  | 9.1           | 3.4       | .20               |
|                  | 413      | 4.1  | 9.4           | 3.8       | .23               |
| #1               | 206      | 2.1  | 9.1           | 3.4       | .20               |
|                  | 275      | 2.8  | 9.4           | 3.8       | .23               |
|                  | 344      | 3.4  | 9.4           | 4.5       | .27               |
|                  | 413      | 4.1  | 9.8           | 4.9       | .30               |
| #2               | 206      | 2.1  | 9.8           | 4.5       | .27               |
|                  | 275      | 2.8  | 10.1          | 5.3       | .32               |
|                  | 344      | 3.4  | 10.4          | 6.1       | .36               |
|                  | 413      | 4.1  | 10.4          | 6.8       | .41               |
| #4               | 206      | 2.1  | 11.0          | 9.8       | .59               |
|                  | 275      | 2.8  | 12.2          | 11.4      | .68               |
|                  | 344      | 3.4  | 12.8          | 12.9      | .77               |
|                  | 413      | 4.1  | 12.8          | 14.0      | .84               |
| #6               | 206      | 2.1  | 11.6          | 15.9      | .91               |
|                  | 275      | 2.8  | 13.1          | 18.5      | 1.11              |
|                  | 344      | 3.4  | 14.0          | 20.8      | 1.25              |
|                  | 413      | 4.1  | 14.3          | 22.7      | 1.36              |
| #8               | 275      | 2.8  | 13.7          | 22.7      | 1.36              |
|                  | 344      | 3.4  | 14.6          | 25.7      | 1.54              |
|                  | 413      | 4.1  | 14.9          | 28.8      | 1.73              |
|                  | 482      | 4.8  | 15.5          | 31.0      | 1.86              |

| LOW ANGLE DATA |              |            |          |
|----------------|--------------|------------|----------|
| NOZZLE         | PRESSURE PSI | RADIUS FT. | FLOW GPM |
| #1             | 30           | 22'        | 1.2      |
|                | 40           | 24'        | 1.7      |
|                | 50           | 26'        | 1.8      |
|                | 60           | 28'        | 2.0      |
| #3             | 30           | 29'        | 3.0      |
|                | 40           | 32'        | 3.1      |
|                | 50           | 35'        | 3.5      |
|                | 60           | 37'        | 3.8      |
| #4             | 30           | 31'        | 3.4      |
|                | 40           | 34'        | 3.9      |
|                | 50           | 37'        | 4.4      |
|                | 60           | 38'        | 4.7      |
| #6             | 40           | 38'        | 6.5      |
|                | 50           | 40'        | 7.3      |
|                | 60           | 42'        | 8.0      |
|                | 70           | 44'        | 8.6      |

| METRIC |          |      |               |           |                   |
|--------|----------|------|---------------|-----------|-------------------|
| NOZZLE | PRESSURE |      | RADIUS METERS | FLOW RATE |                   |
|        | kPa      | BARS |               | L/M       | M <sup>3</sup> /H |
| #1     | 207      | 2.0  | 6.7           | 4.5       | .34               |
|        | 275      | 3.0  | 7.3           | 6.4       | .39               |
|        | 344      | 3.5  | 7.9           | 6.8       | .41               |
|        | 413      | 4.0  | 8.5           | 7.6       | .46               |
|        | 413      | 4.0  | 8.5           | 7.6       | .46               |
| #3     | 207      | 2.0  | 8.8           | 11.4      | .68               |
|        | 275      | 3.0  | 9.8           | 11.7      | .71               |
|        | 344      | 3.5  | 10.7          | 13.2      | .80               |
|        | 413      | 4.0  | 11.3          | 14.4      | .87               |
| #4     | 207      | 2.0  | 9.4           | 12.9      | .78               |
|        | 275      | 3.0  | 10.4          | 14.8      | .89               |
|        | 344      | 3.5  | 11.3          | 16.7      | 1.00              |
|        | 413      | 4.0  | 11.6          | 17.8      | 1.07              |
| #6     | 275      | 3.0  | 11.6          | 24.6      | 1.68              |
|        | 344      | 3.5  | 12.2          | 27.6      | 1.66              |
|        | 413      | 4.0  | 12.8          | 30.3      | 1.82              |
|        | 482      | 5.0  | 13.4          | 32.6      | 1.96              |

Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced with nozzle retention screw.

ROTORs

SPRAYS & NOZZLES

ELECTRIC VALVES

CONTROLLERS

INDEX VALVES / RCW

CHARTS

**PROPLUS ■ PERFORMANCE DATA**

| PERFORMANCE        |              |            |          |
|--------------------|--------------|------------|----------|
| NOZZLE             | PRESSURE PSI | RADIUS FT. | FLOW GPM |
| #2.5 PRE-INSTALLED | 30           | 38'        | 2.5      |
|                    | 40           | 39'        | 2.8      |
|                    | 50           | 40'        | 3.2      |
|                    | 60           | 41'        | 3.5      |
| #0.5               | 30           | 28'        | .5       |
|                    | 40           | 29'        | .6       |
|                    | 50           | 29'        | .7       |
|                    | 60           | 30'        | .8       |
| #0.75              | 30           | 29'        | .7       |
|                    | 40           | 30'        | .8       |
|                    | 50           | 31'        | .9       |
|                    | 60           | 32'        | 1.0      |
| #1                 | 30           | 32'        | 1.3      |
|                    | 40           | 33'        | 1.5      |
|                    | 50           | 34'        | 1.6      |
|                    | 60           | 35'        | 1.8      |
| #2                 | 30           | 37'        | 2.4      |
|                    | 40           | 40'        | 2.5      |
|                    | 50           | 42'        | 3.0      |
|                    | 60           | 43'        | 3.3      |
| #3                 | 30           | 38'        | 3.6      |
|                    | 40           | 39'        | 4.2      |
|                    | 50           | 41'        | 4.6      |
|                    | 60           | 42'        | 5.0      |
| #4                 | 30           | 43'        | 4.4      |
|                    | 40           | 44'        | 5.1      |
|                    | 50           | 46'        | 5.6      |
|                    | 60           | 49'        | 5.9      |
| #6                 | 40           | 45'        | 5.9      |
|                    | 50           | 46'        | 6.0      |
|                    | 60           | 48'        | 6.3      |
|                    | 70           | 49'        | 6.7      |
| #8                 | 40           | 42'        | 8.0      |
|                    | 50           | 45'        | 8.5      |
|                    | 60           | 49'        | 9.5      |
|                    | 70           | 50'        | 10.0     |






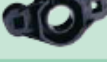
| METRIC             |          |      |               |           |                   |
|--------------------|----------|------|---------------|-----------|-------------------|
| NOZZLE             | PRESSURE |      | RADIUS METERS | FLOW RATE |                   |
|                    | kPa      | BARS |               | L/M       | M <sup>3</sup> /H |
| #2.5 PRE-INSTALLED | 206      | 2.04 | 11.6          | 9.46      | .57               |
|                    | 275      | 2.72 | 11.9          | 10.60     | .64               |
|                    | 345      | 3.40 | 12.2          | 12.11     | .73               |
|                    | 413      | 4.08 | 12.5          | 13.25     | .79               |
| #0.5               | 206      | 2.0  | 8.5           | 1.89      | .11               |
|                    | 275      | 3.0  | 8.8           | 2.27      | .14               |
|                    | 345      | 3.5  | 8.8           | 2.65      | .16               |
|                    | 413      | 4.0  | 9.1           | 3.03      | .18               |
| #0.75              | 206      | 2.0  | 8.8           | 2.65      | .16               |
|                    | 275      | 3.0  | 9.1           | 3.03      | .18               |
|                    | 345      | 3.5  | 9.4           | 3.41      | .20               |
|                    | 413      | 4.0  | 9.8           | 3.79      | .23               |
| #1                 | 206      | 2.0  | 9.8           | 4.92      | .30               |
|                    | 275      | 3.0  | 10.1          | 5.68      | .34               |
|                    | 345      | 3.5  | 10.4          | 6.05      | .36               |
|                    | 413      | 4.0  | 10.7          | 6.81      | .41               |
| #2                 | 206      | 2.0  | 11.3          | 9.08      | .54               |
|                    | 275      | 3.0  | 12.2          | 9.46      | .56               |
|                    | 345      | 3.5  | 12.8          | 11.35     | .68               |
|                    | 413      | 4.0  | 13.1          | 12.49     | .75               |
| #3                 | 206      | 2.0  | 11.6          | 13.63     | .81               |
|                    | 275      | 3.0  | 11.9          | 15.89     | .95               |
|                    | 345      | 3.5  | 12.5          | 17.41     | 1.04              |
|                    | 413      | 4.0  | 12.8          | 18.92     | 1.13              |
| #4                 | 206      | 2.0  | 13.1          | 16.65     | .99               |
|                    | 275      | 3.0  | 13.4          | 19.30     | 1.15              |
|                    | 345      | 3.5  | 14.0          | 21.19     | 1.27              |
|                    | 413      | 4.0  | 14.9          | 22.33     | 1.33              |
| #6                 | 206      | 3.0  | 13.7          | 22.33     | 1.33              |
|                    | 275      | 3.5  | 14.0          | 22.71     | 1.36              |
|                    | 345      | 4.0  | 14.6          | 23.85     | 1.43              |
|                    | 413      | 5.0  | 14.9          | 25.35     | 1.52              |
| #8                 | 206      | 3.0  | 12.8          | 30.28     | 1.81              |
|                    | 275      | 3.5  | 13.7          | 32.12     | 1.92              |
|                    | 345      | 4.0  | 14.8          | 35.95     | 2.15              |
|                    | 413      | 5.0  | 15.3          | 37.85     | 2.27              |






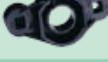
| LOW ANGLE DATA |              |            |          |
|----------------|--------------|------------|----------|
| NOZZLE         | PRESSURE PSI | RADIUS FT. | FLOW GPM |
| #1             | 30           | 22'        | 1.2      |
|                | 40           | 24'        | 1.7      |
|                | 50           | 26'        | 1.8      |
|                | 60           | 28'        | 2.0      |
| #3             | 30           | 29'        | 3.0      |
|                | 40           | 32'        | 3.1      |
|                | 50           | 35'        | 3.5      |
|                | 60           | 37'        | 3.8      |
| #4             | 30           | 31'        | 3.4      |
|                | 40           | 34'        | 3.9      |
|                | 50           | 37'        | 4.4      |
|                | 60           | 38'        | 4.7      |
| #6             | 40           | 38'        | 6.5      |
|                | 50           | 40'        | 7.3      |
|                | 60           | 42'        | 8.0      |
|                | 70           | 44'        | 8.6      |





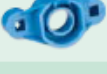
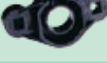
| METRIC |          |      |               |           |                   |
|--------|----------|------|---------------|-----------|-------------------|
| NOZZLE | PRESSURE |      | RADIUS METERS | FLOW RATE |                   |
|        | kPa      | BARS |               | L/M       | M <sup>3</sup> /H |
| #1     | 207      | 2.04 | 6.71          | 4.54      | .27               |
|        | 275      | 2.72 | 7.32          | 6.43      | .39               |
|        | 344      | 3.40 | 7.92          | 6.80      | .41               |
|        | 413      | 4.08 | 8.53          | 7.56      | .46               |
| #3     | 207      | 2.04 | 8.84          | 11.34     | .68               |
|        | 275      | 2.72 | 9.75          | 11.72     | .71               |
|        | 344      | 3.40 | 10.67         | 13.23     | .80               |
|        | 413      | 4.08 | 11.58         | 14.36     | .87               |
| #4     | 207      | 2.04 | 9.45          | 12.85     | .78               |
|        | 275      | 2.72 | 10.36         | 14.74     | .89               |
|        | 344      | 3.40 | 11.28         | 16.63     | 1.00              |
|        | 413      | 4.08 | 11.58         | 17.77     | 1.07              |
| #6     | 275      | 2.72 | 11.58         | 24.57     | 1.48              |
|        | 344      | 3.40 | 12.19         | 27.59     | 1.76              |
|        | 413      | 4.08 | 12.80         | 30.24     | 1.82              |
|        | 482      | 4.76 | 13.41         | 32.51     | 1.96              |






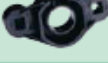
Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced with nozzle retention screw.

**PROSPORT ■ PERFORMANCE DATA**

| MODEL 14003 PERFORMANCE   |              |            |          |
|---|--------------|------------|----------|
| NOZZLE  | PRESSURE PSI | RADIUS FT. | FLOW GPM |
|  | 40           | 45'        | 5.1      |
|   | 50           | 47'        | 5.9      |
|   | 60           | 47'        | 6.5      |
|   | 70           | 49'        | 7.1      |
|  | 50           | 53'        | 10.6     |
|   | 60           | 53'        | 11.8     |
|   | 70           | 53'        | 12.6     |
|   | 80           | 55'        | 13.5     |
|  | 50           | 57'        | 13.0     |
|   | 60           | 59'        | 14.2     |
|   | 70           | 59'        | 15.4     |
|   | 80           | 63'        | 16.5     |
|  | 60           | 65'        | 18.9     |
|   | 70           | 67'        | 20.5     |
|   | 80           | 69'        | 21.9     |
|   | 90           | 71'        | 23.2     |
|  | 60           | 67'        | 22.8     |
|   | 70           | 71'        | 24.8     |
|   | 80           | 75'        | 26.5     |
|   | 90           | 77'        | 26.8     |
|  | 60           | 67'        | 23.7     |
|   | 70           | 69'        | 25.6     |
|   | 80           | 69'        | 27.5     |
|   | 90           | 71'        | 29.2     |

| MODEL 14003 METRIC  |          |      |               |           |                   |
|---|----------|------|---------------|-----------|-------------------|
| NOZZLE  | PRESSURE |      | RADIUS METERS | FLOW RATE |                   |
|   | kPa      | BARs |               | L/M       | M <sup>3</sup> /H |
|  | 276      | 2.76 | 13.7          | 19.3      | 1.16              |
|   | 345      | 3.45 | 14.3          | 22.3      | 1.34              |
|   | 414      | 4.14 | 14.3          | 24.6      | 1.48              |
|   | 483      | 4.83 | 14.9          | 26.9      | 1.61              |
|  | 345      | 3.45 | 16.2          | 40.1      | 2.41              |
|   | 414      | 4.14 | 15.9          | 44.3      | 2.66              |
|   | 483      | 4.83 | 16.2          | 47.7      | 2.86              |
|   | 552      | 5.52 | 16.8          | 51.1      | 3.06              |
|  | 345      | 3.45 | 17.4          | 49.2      | 2.95              |
|   | 414      | 4.14 | 18.0          | 53.8      | 3.23              |
|   | 483      | 4.83 | 18.0          | 58.3      | 3.50              |
|   | 552      | 5.52 | 19.2          | 62.5      | 3.75              |
|  | 414      | 4.14 | 19.8          | 71.5      | 4.29              |
|   | 483      | 4.83 | 20.4          | 77.6      | 4.66              |
|   | 552      | 5.52 | 21.0          | 82.9      | 4.97              |
|   | 621      | 6.21 | 21.6          | 87.8      | 5.27              |
|  | 414      | 4.14 | 20.4          | 86.3      | 5.18              |
|   | 483      | 4.83 | 21.6          | 93.9      | 5.63              |
|   | 552      | 5.52 | 22.9          | 100.3     | 6.02              |
|   | 621      | 6.21 | 23.5          | 101.4     | 6.08              |
|  | 414      | 4.14 | 20.4          | 89.7      | 5.38              |
|   | 483      | 4.83 | 21.0          | 96.9      | 5.81              |
|   | 552      | 5.52 | 21.0          | 104.1     | 6.25              |
|   | 621      | 6.21 | 21.6          | 110.5     | 6.63              |

| MODEL 14053 PERFORMANCE   |              |            |          |
|---|--------------|------------|----------|
| NOZZLE  | PRESSURE PSI | RADIUS FT. | FLOW GPM |
|  | 40           | 43'        | 5.9      |
|   | 50           | 44'        | 6.2      |
|   | 60           | 45'        | 6.4      |
|   | 70           | 45'        | 7.6      |
|  | 50           | 49'        | 10.6     |
|   | 60           | 53'        | 11.5     |
|   | 70           | 53'        | 13.3     |
|   | 80           | 54'        | 14.0     |
|  | 50           | 52'        | 12.4     |
|   | 60           | 54'        | 13.6     |
|   | 70           | 56'        | 14.6     |
|   | 80           | 58'        | 15.9     |
|  | 60           | 56'        | 19.8     |
|   | 70           | 58'        | 21.2     |
|   | 80           | 59'        | 22.8     |
|   | 90           | 60'        | 24.4     |
|  | 60           | 59'        | 22.4     |
|   | 70           | 66'        | 25.7     |
|   | 80           | 67'        | 27.8     |
|   | 90           | 68'        | 29.9     |
|  | 60           | 60'        | 25.2     |
|   | 70           | 72'        | 28.5     |
|   | 80           | 73'        | 30.8     |
|   | 90           | 75'        | 32.5     |

| MODEL 14053 METRIC  |          |      |               |           |                   |
|---|----------|------|---------------|-----------|-------------------|
| NOZZLE  | PRESSURE |      | RADIUS METERS | FLOW RATE |                   |
|   | kPa      | BARs |               | L/M       | M <sup>3</sup> /H |
|  | 276      | 2.76 | 13.11         | 22.3      | 1.34              |
|   | 345      | 3.45 | 13.41         | 23.47     | 1.14              |
|   | 414      | 4.14 | 13.72         | 24.22     | 1.45              |
|   | 483      | 4.83 | 13.72         | 28.77     | 1.73              |
|  | 345      | 3.45 | 14.94         | 40.12     | 2.41              |
|   | 414      | 4.14 | 15.85         | 44.28     | 2.66              |
|   | 483      | 4.83 | 16.15         | 50.34     | 3.02              |
|   | 552      | 5.52 | 16.46         | 52.99     | 3.18              |
|  | 345      | 3.45 | 15.85         | 46.93     | 2.82              |
|   | 414      | 4.14 | 16.46         | 58.67     | 3.52              |
|   | 483      | 4.83 | 17.07         | 55.26     | 3.32              |
|   | 552      | 5.52 | 17.68         | 60.18     | 3.61              |
|  | 414      | 4.14 | 17.07         | 66.24     | 3.97              |
|   | 483      | 4.83 | 17.68         | 71.54     | 4.29              |
|   | 552      | 5.52 | 17.98         | 78.73     | 4.72              |
|   | 621      | 6.21 | 18.29         | 82.14     | 4.93              |
|  | 414      | 4.14 | 17.98         | 84.78     | 5.09              |
|   | 483      | 4.83 | 20.12         | 97.28     | 5.84              |
|   | 552      | 5.52 | 20.42         | 105.23    | 6.31              |
|   | 621      | 6.21 | 20.73         | 113.18    | 6.79              |
|  | 414      | 4.14 | 18.29         | 95.38     | 5.72              |
|   | 483      | 4.83 | 21.95         | 107.88    | 6.47              |
|   | 552      | 5.52 | 22.25         | 116.59    | 7.00              |
|   | 621      | 6.21 | 22.86         | 123.03    | 7.38              |

Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced with nozzle retention screw.