

## G-80-B

With a wide range of performance to choose from, the B Series rotors are easy on the budget

### КЛЮЧЕВЫЕ ПРЕИМУЩЕСТВА

- Dedicated, true full-circle model distinguished by a black collar
- Exclusive PressurePort™ Nozzle Technology optimizes incoming pressure at each nozzle to increase consistency and maximize distribution uniformity
- High-torque gear drive is the strongest in the industry to mitigate the challenges of debris infiltration

### MODEL SPECIFICATIONS

- Full circle

### MODEL VARIATIONS

**B** = Block checks up to 10' in elevation change

### NOZZLE RANGE

- #25 to #53

### NOZZLE CHOICE

- 6 standard trajectory (25 degrees)

### OPERATING SPECIFICATIONS

- Discharge rate: 22.5 to 57.9 GPM
- Radius: 49' to 97'
- Flow: 14.2 to 58.5 GPM
- Pressure range: 50 to 100 PSI
- Pressure rating: 150 PSI





**G80B**

|                 |                    |
|-----------------|--------------------|
| Overall Height  | 9-5/8"             |
| Pop-up Height   | 3"                 |
| Flange Diameter | 5-3/8"             |
| Inlet Size      | 1-1/4" Female ACME |

# TTS-880 / G880 / G80B NOZZLE PERFORMANCE DATA\*

| Nozzle                                                                                                     |                   |                                                                                                           | Pressure | Radius | Flow | Precip in/hr |      |
|------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------|----------|--------|------|--------------|------|
|                                                                                                            |                   |                                                                                                           | PSI      | ft     | GPM  | ■            | ▲    |
| Tan<br><br>803611         | 15 °<br>White     | Gray<br><br>315317       | 50       | 49     | 14.2 | 0.57         | 0.66 |
|                                                                                                            |                   |                                                                                                           | 60       | 51     | 15.7 | 0.58         | 0.67 |
|                                                                                                            |                   |                                                                                                           | 65       | 52     | 16.4 | 0.58         | 0.67 |
|                                                                                                            |                   |                                                                                                           | 70       | 53     | 17.0 | 0.58         | 0.67 |
|                                                                                                            |                   |                                                                                                           | 80       | 55     | 18.2 | 0.58         | 0.67 |
| Tan<br><br>803611         | 18 °<br>Orange    | Gray<br><br>315317       | 50       | 56     | 17.2 | 0.53         | 0.61 |
|                                                                                                            |                   |                                                                                                           | 60       | 58     | 18.8 | 0.54         | 0.62 |
|                                                                                                            |                   |                                                                                                           | 65       | 59     | 19.7 | 0.54         | 0.63 |
|                                                                                                            |                   |                                                                                                           | 70       | 60     | 20.0 | 0.53         | 0.62 |
|                                                                                                            |                   |                                                                                                           | 80       | 61     | 21.2 | 0.55         | 0.63 |
| Tan<br><br>803611         | 20 °<br>Brown     | Gray<br><br>3153147      | 50       | 57     | 18.4 | 0.55         | 0.63 |
|                                                                                                            |                   |                                                                                                           | 60       | 59     | 20.3 | 0.56         | 0.65 |
|                                                                                                            |                   |                                                                                                           | 65       | 61     | 21.4 | 0.55         | 0.64 |
|                                                                                                            |                   |                                                                                                           | 70       | 63     | 21.6 | 0.52         | 0.60 |
|                                                                                                            |                   |                                                                                                           | 80       | 64     | 22.7 | 0.53         | 0.62 |
| Tan<br><br>803611         | 23 °<br>Green     | Lt. Blue<br><br>315311   | 50       | 63     | 21.6 | 0.52         | 0.60 |
|                                                                                                            |                   |                                                                                                           | 60       | 65     | 23.0 | 0.52         | 0.61 |
|                                                                                                            |                   |                                                                                                           | 65       | 66     | 24.0 | 0.53         | 0.61 |
|                                                                                                            |                   |                                                                                                           | 70       | 67     | 24.9 | 0.53         | 0.62 |
|                                                                                                            |                   |                                                                                                           | 80       | 68     | 26.6 | 0.55         | 0.64 |
| Tan<br><br>803611       | 25 °<br>Blue      | Lt. Blue<br><br>315311 | 65       | 71     | 28.6 | 0.55         | 0.63 |
|                                                                                                            |                   |                                                                                                           | 70       | 73     | 29.7 | 0.54         | 0.62 |
|                                                                                                            |                   |                                                                                                           | 80       | 74     | 31.7 | 0.56         | 0.64 |
|                                                                                                            |                   |                                                                                                           | 90       | 75     | 33.7 | 0.58         | 0.67 |
|                                                                                                            |                   |                                                                                                           | 100      | 75     | 35.8 | 0.58         | 0.67 |
| Tan<br><br>803611       | 33 °<br>Grey      | Lt. Blue<br><br>315311 | 65       | 74     | 30.9 | 0.54         | 0.63 |
|                                                                                                            |                   |                                                                                                           | 70       | 75     | 32.0 | 0.55         | 0.63 |
|                                                                                                            |                   |                                                                                                           | 80       | 77     | 34.2 | 0.56         | 0.64 |
|                                                                                                            |                   |                                                                                                           | 90       | 79     | 36.2 | 0.56         | 0.64 |
|                                                                                                            |                   |                                                                                                           | 100      | 81     | 38.2 | 0.56         | 0.65 |
| Tan<br><br>803611       | 38 °<br>Red       | Lt. Blue<br><br>315311 | 65       | 77     | 35.1 | 0.57         | 0.66 |
|                                                                                                            |                   |                                                                                                           | 70       | 79     | 36.6 | 0.56         | 0.65 |
|                                                                                                            |                   |                                                                                                           | 80       | 82     | 38.9 | 0.56         | 0.64 |
|                                                                                                            |                   |                                                                                                           | 90       | 84     | 41.3 | 0.56         | 0.65 |
|                                                                                                            |                   |                                                                                                           | 100      | 87     | 43.6 | 0.55         | 0.64 |
| Tan<br><br>803611       | 43 °<br>Dk. Brown | Blue<br><br>315311     | -        | -      | -    | -            | -    |
|                                                                                                            |                   |                                                                                                           | 70       | 83     | 41.3 | 0.58         | 0.67 |
|                                                                                                            |                   |                                                                                                           | 80       | 85     | 43.6 | 0.58         | 0.67 |
|                                                                                                            |                   |                                                                                                           | 90       | 87     | 46.3 | 0.59         | 0.68 |
|                                                                                                            |                   |                                                                                                           | 100      | 89     | 48.8 | 0.59         | 0.68 |
| Dk. Brown<br><br>803610 | 48 °<br>Dk. Green | Dk. Blue<br><br>833500 | -        | -      | -    | -            | -    |
|                                                                                                            |                   |                                                                                                           | 70       | 90     | 46.9 | 0.56         | 0.64 |
|                                                                                                            |                   |                                                                                                           | 80       | 92     | 48.9 | 0.56         | 0.64 |
|                                                                                                            |                   |                                                                                                           | 90       | 94     | 50.5 | 0.55         | 0.63 |

| 100                                                                                                                                 | 96                                  | 53.5                                                                                                                               | 0.56 | 0.65 |      |      |      |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|
| <div>Dk. Brown</div> <div></div> <div>803610</div> | <div>53 •</div> <div>Dk. Blue</div> | <div>Dk. Blue</div> <div></div> <div>833500</div> | -    | -    | -    | -    | -    |
|                                                                                                                                     |                                     |                                                                                                                                    | 70   | 91   | 49.8 | 0.58 | 0.67 |
|                                                                                                                                     |                                     |                                                                                                                                    | 80   | 93   | 52.2 | 0.58 | 0.67 |
|                                                                                                                                     |                                     |                                                                                                                                    | 90   | 95   | 55.5 | 0.59 | 0.68 |
|                                                                                                                                     |                                     |                                                                                                                                    | 100  | 97   | 58.5 | 0.60 | 0.69 |
| <b>Note:</b> Nozzle plug P/N 315300 installed in the front side of the nozzle housing.                                              |                                     |                                                                                                                                    |      |      |      |      |      |
| * Preliminary performance data.                                                                                                     |                                     |                                                                                                                                    |      |      |      |      |      |

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