



# INDUSTRIAL SOLUTIONS: FLOAT VALVE SYSTEM

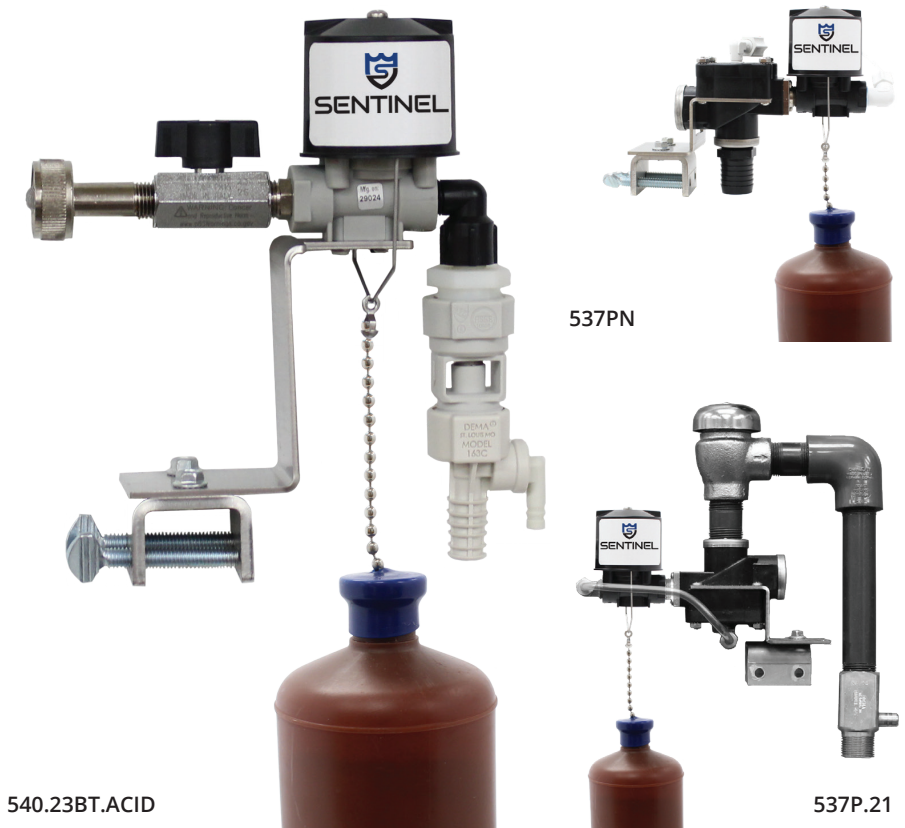
The Sentinel Float Valve System takes the hassle out of maintaining water levels and handling chemical injection. It's designed to save you time, cut down on maintenance costs, and help you maximize your profits. Whether you need a fill rate as low as 1 GPM or as high as 64 GPM, this system has you covered. When paired with DEMA proportioners and injectors, it makes mixing chemicals safe, simple, and dependable. With the Sentinel, water and chemical management becomes easier and more efficient than ever.

## Features & Benefits

- ◆ Multiple fill rates available
- ◆ Chemical injection models available
- ◆ Integrated Backflow Prevention available on some models

## Applications

- ◆ Carwash (detail shops)
- ◆ Agriculture



| MODEL                      | FLOW RATE<br>(GPM AT 40 PSI) | INDUCTION |      | BACK FLOW<br>PROTECTION | ON/OFF<br>VALVE |
|----------------------------|------------------------------|-----------|------|-------------------------|-----------------|
| CHEMICAL INJECTION SYSTEMS |                              | MIN       | MAX  |                         |                 |
| 540.22T                    | 4.0                          | 430:1     | 4:1  | No                      | Yes             |
| 540.23T                    | 4.0                          | 430:1     | 4:1  | Action Gap              | Yes             |
| 540.23BT                   | 4.0                          | 387:1     | 7:1  | Action Gap              | Yes             |
| 540.23BT.ACID              | 4.0                          | 387:1     | 7:1  | Action Gap              | Yes             |
| 540.24                     | 2.5                          | 195:1     | 2:1  | Action Gap              | Yes             |
| 537P.21                    | 22.0                         | 1828:1    | 14:1 | Siphon Breaker          | No              |
| WATER FILL VALVE SYSTEM    |                              |           |      |                         |                 |
| 540N                       | 6.0                          | N/A       | N/A  | N/A                     | Yes             |
| 537PN                      | 64.0                         | N/A       | N/A  | N/A                     | No              |

All models are able to be customized to meet specific needs of each application

| HYDRO* | DEMA       | MOUNTING BRACKET | DILUTION |        |       |      | FLOW RATE |          |
|--------|------------|------------------|----------|--------|-------|------|-----------|----------|
|        |            |                  | MIN      |        | MAX   |      | Hydro     | DEMA     |
|        |            |                  | Hydro    | DEMA   | Hydro | DEMA |           |          |
| 506    | 540.22T    | Yes              | 240:1    | 430:1  | 4:1   | 4:1  | 4.5 GPM   | 4.0 GPM  |
| 507    | 540.22TZ** | No               | 240:1    | 430:1  | 4:1   | 4:1  | 4.5 GPM   | 4.0 GPM  |
| 511    | 540.23T    | Yes              | 240:1    | 430:1  | 4:1   | 4:1  | 4.5 GPM   | 4.0 GPM  |
| 512    | 540.23TX** | No               | 240:1    | 430:1  | 4:1   | 4:1  | 4.5 GPM   | 4.0 GPM  |
| 5111   | 540.23BT   | Yes              | 400:1    | 387:1  | 3:1   | 7:1  | 4.5 GPM   | 4.0 GPM  |
| 515    | 540.24     | Yes              | 100:1    | 195:1  | 1:1   | 2:1  | 1.5 GPM   | 2.5 GPM  |
| 563    | 537P.21    | Yes              | 1200:1   | 1828:1 | 8:1   | 14:1 | 25.0 GPM  | 22.0 GPM |
| 502    | 540N       | Yes              | --       | --     | --    | --   | 6.8 GPM   | 6.0 GPM  |
| 503    | 540NX**    | No               | --       | --     | --    | --   | 6.8 GPM   | 6.0 GPM  |
| 572    | 537PN      | Yes              | --       | --     | --    | --   | 44.0 GPM  | 64.0 GPM |
| 573    | 537PNX**   | No               | --       | --     | --    | --   | 44.0 GPM  | 64.0 GPM |

\* Other models cross-referenced upon request

\*\* Adding X to the end of part number removes U-Bracket and thumbscrews for custom installation of product



| SMALL TIPS 1/4" BARB<br>(5111 and 540.23BT) |          |                |
|---|----------|----------------|
| HYDRO MINDER TIP                            | DEMA TIP | DILUTION RATIO |
| Red   | Grey     | 13:1           |
| White                                       | Purple   | 17:1           |
| Blue  | Black    | 28:1           |
| Tan   | Yellow   | 42:1           |
| Orange                                      | Blue     | 60:1           |
| Brown                                       | Green    | 74:1           |
| Yellow                                      | Red      | 93:1           |
| Aqua  | Brown    | 128:1          |
| Purple                                      | Pink     | 165:1          |
| Pink  | Tan      | 387:1          |

| LARGE TIPS 3.8" BARB<br>(506, 507, 511, 512 and 540.22T, 540.23T) |            |                |
|---|------------|----------------|
| HYDRO MINDER TIP  | DEMA TIP   | DILUTION RATIO |
| Grey  | Tan        | 5:1            |
| Black   | Light Blue | 6:1            |
| Beige   | Orange     | 7:1            |
| Red   | Red        | 18:1           |
| White   | Grey       | 23:1           |
| Blue  | Black      | 29:1           |
| Tan   | Turquoise  | 34:1           |
| Orange  | Pink       | 54:1           |
| Brown   | Green      | 77:1           |
| Yellow  | Yellow     | 100:1          |
| Pink  | Purple     | 265:1          |



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