

# NITRO

## N-100 SERIES



### 1 DURABLE MATERIAL

- 100% virgin material gives the Nitro added strength over conventional PVC valves
- Hydrostatic tests prove Nitro resistance to cracking at over 700 psi

### 2 EASY ACCESS COVER

- Combination hex, slot and Phillips retaining screws provide multiple access options and superior operation up to 150 psi
- Nitro installers will tell you they rarely need to open a Weathermatic valve

### 3 UNMATCHED MANUAL BLEED

- Send the Nitro into action by simply pulling the trigger
- It's the easiest, driest internal manual bleed in the business that won't flood the valve box
- No twisting on a solenoid or bleed screw is required

### 4 SHOCKING SHOCK CONE

- The Nitro puts the hammer to water hammer by incorporating a cone-shaped diaphragm base
- The shock cone interrupts the water flow more gradually than other diaphragms to enable quick valve closure without the damaging effect of water hammer

### 5 MULTIPLE CONNECTION CONFIGURATIONS

- Choose between 3 connection configurations: threaded, slip and male x barb

### 6 PRESSURE ACTIVATED DIAPHRAGM

- Pressure activated diaphragm ensures reliable operation with no leakage at pressures up to 150 psi

### 7 5 YEAR TRACK RECORD

- The Nitro track record shows less than a fraction of 1% return rate over 5+ years of reliable performance

### 8 AMAZING VALUE FOR THE PRICE!

- Seasoned installers know that valves are the last place to cut expenses when just one call-back eliminates any cost savings on the job
- Plus, the Nitro makes it easy - you can install the commercial quality of a Weathermatic valve at a residential valve price!

### 9 REVOLUTIONARY REVERSE FLOW DESIGN

- The Weathermatic hallmark reverse flow design with a 45-year track record brings you:
- Reverse flow design means the valve fails shut rather than open in the event of diaphragm failure, unlike conventional forward flow valves that fail open
- Balanced pressure on the diaphragm extends valve life over forward flow valves
- Self-cleaning function is achieved as diaphragm actually flexes during operation to send dirt and debris down the line without the maintenance worry of filters and screens

#### Specification Guide

Model	Description
N-1000-H	1" FIP
N-100F-H	1" FIP with Flow Control
N-100S-H	1" SLIP x SLIP
N-100SF-H	1" w/ Flow Control
N-100MB-H	1" Male x Barb
N-100MBF-H	1" Male x Barb w/ Flow Control