Buckner & Superior Irrigation

Buckner and Superior brands have a long-standing history within the irrigation industry. Now consolidated within The Storm Manufacturing Group, these brands continue to represent the performance and reliability that have been industry standards for nearly a century.

The Buckner Company was founded by W.A. Buckner in 1912 with the introduction of a patented slow-rotation sprinkler. The Buckner Company helped revolutionize the industry with new products such as the first hose-less irrigation system, the quick coupler valve, the hose swivel, and the sand-resistant bearing and cam-drive sprinkler. The famous Pebble Beach Golf Course was an early site of Buckner’s innovative automated irrigation systems. The Buckner Company became part of Storm Manufacturing Group in 2000.

The Superior Controls Company, founded in Valencia, California by Allen and Powell Greenland, introduced the first diaphragm-operated remote control valve to the irrigation industry. With its extensive line of brass control valves, adaptors, and Sterling controllers, Superior has become a name known for quality and durability. Superior products are used today in a wide range of applications that include residences, municipal parks, sports fields, gold courses, nurseries, greenhouses, and agricultural fields. The Superior Controls Company became part of Storm Manufacturing Group in 2006.

Together, the Buckner and Superior brands continue to offer quality solutions for a wide range of irrigation needs. Our promise is to offer a reliable and affordable product accompanied by unmatched service and support.

Storm Manufacturing Group

Storm Manufacturing Group is a leading supplier of manufactured products that are sold into a variety of applications that include irrigation, water drilling, compressed air, and other industries. The firm is distinguished by a long-standing reputation for high-quality products, technical expertise, and exceptional service to its customer base, resulting from many years of experience in its markets.

Storm Manufacturing Group exists as a result of the consolidation of three highly-regarded manufacturing companies:

- Buckner Company, a manufacturer of irrigation products to markets including golf courses, municipal parks, sports fields, agriculture and traditional turf irrigation.
- Superior Controls Company, a manufacturer and pioneer of valves and controls in the sprinkler automation industry.
- Kingston, a manufacturer of hydraulic and air valves serving industries that include compressed air, floor cleaning, automotive, medical/dental and food service.

The history of Storm Manufacturing Group dates back to the infant stands of the irrigation industry, when Walter Storm founded the Western Brass company in Los Angeles in 1932. His company developed and manufactured irrigation and water products for many of the landscape irrigation industry pioneers. Over the years, the Storm family of businesses has manufactured quality products under the brand names of Western Brass, West Ag, Imperial, and Western Raintrol. These businesses have evolved to become what is known today as The Storm Manufacturing Group, proud parent company of the Buckner, Superior, and Kingston brands.
Model 950

2” Model Depicted Below

Notes:

1. Index numbers are listed in numerical order on Page 9 with corresponding part description, part numbers, and list prices.

2. Circular index numbers indicate that the part can be purchased separately.

3. Triangular index numbers indicate that the part is available as part of a sub-assembly or repair kit.

Sub-Assemblies & Repair Kits

Repair Kits (all rubber & fiber parts) - 195
Diaphragm Assembly - 196
Top Assembly - 17
Flow Control Assembly - 197
Solenoid Assembly - 17
Model 950DW

2" Model Depicted Below

Notes:
1. Index numbers are listed in numerical order on Page 9 with corresponding part description, part numbers, and list prices.
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Sub-Assemblies & Repair Kits

Repair Kits (all rubber & fiber parts) - 195
Diaphragm Assembly - 198
Top Assembly - 201
Flow Control Assembly - 198
Solenoid Assembly 18

Brands of Storm Manufacturing Group, Inc. TM

as part of a sub-assembly or repair kit.
Model 950DWIB

2” Model Depicted Below

Notes:
1. Index numbers are listed in numerical order on Page 9 with corresponding part description, part numbers, and list prices.
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Sub-Assemblies & Repair Kits

- Repair Kits (all rubber & fiber parts) - ▲ 199
- Diaphragm Assembly - ▲ 199
- Top Assembly - ▲ 207
- Flow Control Assembly - ▲ 198
- Solenoid Assembly - ▲ 18

Model 950DWIB

2” Model Depicted Below

Notes:
1. Index numbers are listed in numerical order on Page 9 with corresponding part description, part numbers, and list prices.
2. Circular index numbers indicate that the part can be purchased separately.
3. Triangular index numbers indicate that the part is available as part of a sub-assembly or repair kit.
Model 950SD

2” Model Depicted Below

Notes:
1. Index numbers are listed in numerical order on Page 9 with corresponding part description, part numbers, and list prices.
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3. Triangular index numbers indicate that the part is available as part of a sub-assembly or repair kit.

Sub-Assemblies & Repair Kits
- Repair Kits (all rubber & fiber parts) - 195
- Diaphragm Assembly - 196
- Top Assembly - 211
- Flow Control Assembly - 198
- Solenoid Assembly - 17

Diaphragm Assembly - 196
Solenoid Assembly - 17
Model 950SDDW
2” Model Depicted Below

Notes:
1. Index numbers are listed in numerical order on Page 9 with corresponding part description, part numbers, and list prices.
2. Circular index numbers indicate that the part can be purchased separately.
3. Triangular index numbers indicate that the part is available as part of a sub-assembly or repair kit.

Sub-Assemblies & Repair Kits
- Repair Kits (all rubber & fiber parts)
- Diaphragm Assembly
- Top Assembly
- Flow Control Assembly
- Solenoid Assembly

Brands of Storm Manufacturing Group, Inc. TM

Notes:
1. Index numbers are listed in numerical order on Page 9 with corresponding part description, part numbers, and list prices.
2. Circular index numbers indicate that the part can be purchased separately.
3. Triangular index numbers indicate that the part is available as part of a sub-assembly or repair kit.

Sub-Assemblies & Repair Kits
- Repair Kits (all rubber & fiber parts)
- Diaphragm Assembly
- Top Assembly
- Flow Control Assembly
- Solenoid Assembly

Brands of Storm Manufacturing Group, Inc. TM
Model 950PRS

2” Model Depicted Below

Notes:
1. Index numbers are listed in numerical order on Page 9 with corresponding part description, part numbers, and list prices.
2. Circular index numbers indicate that the part can be purchased separately.
3. Triangular index numbers indicate that the part is available as part of a sub-assembly or repair kit.

Sub-Assemblies & Repair Kits
Repair Kits (all rubber & fiber parts) - △ 199
Diaphragm Assembly - △ 199
Top Assembly - △ 202
Flow Control Assembly - △ 199
Solenoid Assembly - △ 199
Model 950A
2” Model Depicted Below

Notes:
1. Index numbers are listed in numerical order on Page 9 with corresponding part description, part numbers, and list prices.
2. Circular index numbers indicate that the part can be purchased separately.
3. Triangular index numbers indicate that the part is available as part of a sub-assembly or repair kit.

Sub-Assemblies & Repair Kits
Repair Kits (all rubber & fiber parts) - 199
Diaphragm Assembly - 198
Top Assembly - 197
Flow Control Assembly - 198
Solenoid Assembly - 17
<table>
<thead>
<tr>
<th>Index No.</th>
<th>Part Name/Description</th>
<th>Part No.</th>
<th>Price ($)</th>
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<td>2</td>
<td>Solenoid Retainer Nut</td>
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<td>Solenoid Farme</td>
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<td>16013A</td>
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<td>Solenoid Coil</td>
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<td>Solenoid Stem and Plunger Assembly</td>
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<td>17</td>
<td>24 VAC Solenoid Assembly (950, 950A, 950SD)</td>
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<td>18</td>
<td>24 VAC Solenoid Assembly (950DW, 950DWIB, 950PRS, 950SDW)</td>
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<td>45</td>
<td>Flow Control Cross Handle</td>
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<td>53</td>
<td>Drain Cock (includes o-ring) 950, 950A, 950DW</td>
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<td>Tubing (includes compression nuts) 950DWIB</td>
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<td>T-Tubing Assembly (includes compression nuts) 950PRS</td>
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<td>Diaphragm Spring</td>
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<td>Diaphragm Shaft w/insert</td>
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<td>Diaphragm</td>
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<td>Self Flushing Filter (950DW, 950DWIB, 950PRS, 950SDW)</td>
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<td>Schrader Valve (950PRS)</td>
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<td>Regulator (950PRS)</td>
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<td>1/8&quot; Hex Nipple (950PRS)</td>
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<td>201</td>
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<td>Top Assembly (950SD)</td>
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Buckner/Superior warrants to its trade customers that its products will be free from original defects in material and workmanship for a period of time (commencing on the date of original sale to the trade customer) as follows:

3 YEARS for all Buckner/Superior trademarked products, which include:

- Brass/Plastic body valves
- Brass/Plastic automatic adaptors
- Brass quick coupling valves, keys, and hose swivels
- Brass manual angle valves
- Brass above-ground impact sprinklers
- Brass spray nozzles
- Sterling controllers

2 YEARS for all other products.

Note: Solenoids and pressure gauges are warranted for three years.

This warranty applies only to Buckner/Superior products which are installed as specified and used as intended for irrigation purposes. This warranty applies only to catalogued products which have not been altered, converted, damaged, misused, or misapplied. This warranty does not cover products adversely affected by the system into which the products are incorporated, including improperly designed, installed, operated, or maintained systems, or systems using water containing corrosive chemicals, electrolytes, sand, dirt, silt, rust, and scale. This warranty does not cover component failures caused by lightning strikes, electrical power surges, or damage caused by freezing environments. Buckner/Superior’s liability is limited to the repair and/or replacement at Buckner/Superior’s sole discretion of products which are returned prepaid through the trade customer to the factory and found by Buckner/Superior to be defective, but in no event shall Buckner/Superior’s liability exceed the selling price of the product.

Buckner/Superior makes no other warranties, expressed or implied. No representative, agent, or distributor or other persons has the authority to waive, alter, or add to the printed provisions of this warranty, or to make representation of warranty not contained herein. The sole and exclusive remedy against Buckner/Superior is limited to repair or replacement; Buckner/Superior is not liable for consequential, incidental, indirect, or special damages, including but not limited to labor to inspect, remove, or replace products, vegetation loss, costs of substitute equipment or services, property damage, loss of use or loss of profits; nor is Buckner/Superior liable for economic losses, lost profits, consequential damages or damage to property arising out of Buckner/Superior’s negligence or based on strict liability in tort.

The user and/or trade customer agrees to the limitations and exclusion of liability of this warranty by purchase or use of Buckner/Superior products.

Some states do not permit the exclusion or limitation of incidental or consequential damages or of implied warranties. Therefore, some of the exclusions or limitations may not apply to you.

Buckner/Superior reserves the right to redesign, alter or modify its products and shall incur no liability if a trade customer’s inventory of Buckner/Superior goods becomes obsolete. Alterations, modifications, and redesign of a product shall not be evidence that the previous product design was defective and the user and/or trade customer so agrees by purchase of use of Buckner/Superior products.