



# 211 Series Water Valves (Nylon 6)



GC Valves 211 Series water valves are an excellent choice for potable water applications. These valves are certified to NSF/ANSI 61 and have Nylon 6 bodies and NSF approved EPDM diaphragms. Ported for 3/8, 1/2 or 3/4 inch NPT, valves are available with either 120VAC, 24VAC or 24VDC solenoids.

## Features

- 2-Ports (2-way), 2-position
- Normally closed (N.C.) configuration
- Piloted diaphragm operator
- 18mm (DIN 43650A) style wiring plug
- 3/8", 1/2" or 3/4" NPT ports
- 120VAC, 24VAC or 24VDC solenoids
- Made in the USA



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in the  
USA**

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for a variety of fitting options

| 211 Series Water Valves |                                                                              |                         |                     |                     |                     |                     |                     |                     |
|-------------------------|------------------------------------------------------------------------------|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Model                   | NS211YF02CPDG4                                                               | NS211YF02CPEG5          | NS211YF24CPCG4      | NS211YF24CPDG4      | NS211YF24CPEG5      | NS211YF16CPCG4      | NS211YF16CPDG4      | NS211YF16CPEG5      |
| Price                   | \$05kq8:                                                                     | \$05kq9:                | \$05kqh:            | \$-05kqi:           | \$-05kqj:           | \$05kqc:            | \$05kqd:            | \$05kqe:            |
| Drawing Link            | <a href="#">PDF</a>                                                          | <a href="#">PDF</a>     | <a href="#">PDF</a> | <a href="#">PDF</a> | <a href="#">PDF</a> | <a href="#">PDF</a> | <a href="#">PDF</a> | <a href="#">PDF</a> |
| Weight (lbs)            | 0.9                                                                          | 1.0                     | 0.9                 | 0.9                 | 1.0                 | 0.9                 | 0.9                 | 1.0                 |
| Valve Type              | 2-Ports (2-way), 2-position                                                  |                         |                     |                     |                     |                     |                     |                     |
| Acting                  | Pilot diaphragm, normally closed                                             |                         |                     |                     |                     |                     |                     |                     |
| Port Size               | 1/2" FNPT                                                                    | 3/4" FNPT               | 3/8" FNPT           | 1/2" FNPT           | 3/4" FNPT           | 3/8" FNPT           | 1/2" FNPT           | 3/4" FNPT           |
| Orifice Size            | 5/8"                                                                         | 3/4"                    | 5/8"                | 5/8"                | 3/4"                | 5/8"                | 5/8"                | 3/4"                |
| Cv                      | 4.3                                                                          | 6.7                     | 4.3                 | 4.3                 | 6.7                 | 4.3                 | 4.3                 | 6.7                 |
| Media                   | Water                                                                        |                         |                     |                     |                     |                     |                     |                     |
| Pressure Range          | 4-150 psi                                                                    | 4-150 psi               | 4-150 psi           | 4-150 psi           | 4-150 psi           | 4-100 psi           | 4-100 psi           | 4-100 psi           |
| Voltage<br>(± 10%)      | 120/110 VAC<br>50/60 Hz                                                      | 120/110 VAC<br>50/60 Hz | 24VAC<br>50/60 Hz   | 24VAC<br>50/60 Hz   | 24VAC<br>50/60 Hz   | 24VDC               | 24VDC               | 24VDC               |
| Inrush AC               | 40VA                                                                         |                         |                     |                     |                     | -                   |                     |                     |
| Power Consumption       | 8W                                                                           |                         |                     |                     |                     | 10W                 |                     |                     |
| Max Cycles per Minute** | 15                                                                           |                         |                     |                     |                     |                     |                     |                     |
| Insulation              | Class N (200°C - 392°F)                                                      |                         |                     |                     |                     |                     |                     |                     |
| Min Response            | 25-100 ms                                                                    |                         |                     |                     |                     | 38-150 ms           |                     |                     |
| Temperature             | 32°F to 125°F (0°C to 51.7°C); Max. Fluid Temp. 295°F (146.1°C)              |                         |                     |                     |                     |                     |                     |                     |
| Lubrication             | Not required                                                                 |                         |                     |                     |                     |                     |                     |                     |
| Protection              | NEMA 4/4X Encapsulated                                                       |                         |                     |                     |                     |                     |                     |                     |
| Connection              | 18mm (DIN 43650A) terminal                                                   |                         |                     |                     |                     |                     |                     |                     |
| Construction            | Nylon 6 plastic body; NSF Approved EPDM seals; Stainless Steel pilot orifice |                         |                     |                     |                     |                     |                     |                     |
| Life Cycle              | 1 Million                                                                    |                         |                     |                     |                     |                     |                     |                     |
| Agency Approvals        | NSF/ANSI - 61-G/NSF-372, CE, CSA, UL Recognized                              |                         |                     |                     |                     |                     |                     |                     |

\* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

\*\* Cannot be used in PWM (pulse width modulation) applications



# 211 Series Water Valves (Stainless Steel)



GC Valves 211 Series water valves are an excellent choice for potable water applications. These valves are certified to NSF/ANSI 61 and have 316 stainless steel bodies and NSF approved EPDM diaphragms. Ported for 1/2, 3/4, 1, 1-1/4 or 1-1/2 inch NPT, valves are available with either 120VAC, 24VAC or 24VDC solenoids.

## Features

- 2-Ports (2-way), 2-position
- Normally closed (N.C.) configuration
- Piloted diaphragm operator
- 18mm (DIN 43650A) style wiring plug
- 1/2", 3/4", 1", 1-1/4", 1-1/2" or 2" NPT ports
- 120VAC, 24VAC or 24VDC solenoids
- Made in the USA



Also, see our website  
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for a variety of fitting options



Made in the USA

| 211 Series Water Valves |                                                                            |                         |                         |                         |                         |                         |                     |                     |
|-------------------------|----------------------------------------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------|---------------------|
| Model                   | NS211YF02C7DG4                                                             | NS211YF02C7EG5          | NS211YF02C7FG9          | NS211YF02C7GJ2          | NS211YF02C7HJ2          | NS211YF02C7JJ2          | NS211YF24C7DG4      | NS211YF24C7EG5      |
| Price                   | \$05kq6:                                                                   | \$05kq7:                | \$-045i3:               | Retired                 | \$-045i5:               | \$-045i6:               | \$,05kqf:           | \$05kqg:            |
| Drawing Link            | <a href="#">PDF</a>                                                        | <a href="#">PDF</a>     | <a href="#">PDF</a>     | <a href="#">PDF</a>     | <a href="#">PDF</a>     | <a href="#">PDF</a>     | <a href="#">PDF</a> | <a href="#">PDF</a> |
| Weight (lbs)            | 1.8                                                                        | 1.9                     | 3.8                     | 6.5                     | 6.3                     | 9.5                     | 1.8                 | 1.9                 |
| Valve Type              | 2-ports (2-way), 2-position                                                |                         |                         |                         |                         |                         |                     |                     |
| Acting                  | Pilot diaphragm, normally closed                                           |                         |                         |                         |                         |                         |                     |                     |
| Port Size               | 1/2" FNPT                                                                  | 3/4" FNPT               | 1" FNPT                 | 1-1/4 FNPT              | 1-1/2" FNPT             | 2" FNPT                 | 1/2" FNPT           | 3/4" FNPT           |
| Orifice Size            | 5/8"                                                                       | 3/4"                    | 1"                      | 1-1/4"                  | 1-1/4"                  | 1-1/4"                  | 5/8"                | 3/4"                |
| Cv                      | 4.3                                                                        | 6.7                     | 13.0                    | 19.0                    | 25.0                    | 28.0                    | 4.3                 | 6.7                 |
| Media                   | Water                                                                      |                         |                         |                         |                         |                         |                     |                     |
| Pressure Range          | 4-150 psi                                                                  | 4-150 psi               | 5-150 psi               | 5-150 psi               | 5-150 psi               | 5-150 psi               | 4-150 psi           | 4-150 psi           |
| Voltage (± 10%)         | 120/110 VAC<br>50/60 Hz                                                    | 120/110 VAC<br>50/60 Hz | 120/110 VAC<br>50/60 Hz | 120/110 VAC<br>50/60 Hz | 120/110 VAC<br>50/60 Hz | 120/110 VAC<br>50/60 Hz | 24VAC<br>50/60 Hz   | 24VAC<br>50/60 Hz   |
| Inrush AC               | 40VA                                                                       |                         |                         |                         |                         |                         |                     |                     |
| Power Consumption       | 8W                                                                         |                         |                         |                         |                         |                         |                     |                     |
| Max Cycles per Minute** | 15                                                                         |                         |                         |                         |                         |                         |                     |                     |
| Insulation              | Class N (200°C - 392°F)                                                    |                         |                         |                         |                         |                         |                     |                     |
| Min Response            | 25-100 ms                                                                  |                         |                         |                         |                         |                         |                     |                     |
| Temperature             | 32°F to 125°F (0°C to 51.7°C); Max. Fluid Temp. 295°F (146.1°C)            |                         |                         |                         |                         |                         |                     |                     |
| Lubrication             | Not required                                                               |                         |                         |                         |                         |                         |                     |                     |
| Protection              | NEMA 4/4X Encapsulated                                                     |                         |                         |                         |                         |                         |                     |                     |
| Connection              | 18mm (DIN 43650A) terminal                                                 |                         |                         |                         |                         |                         |                     |                     |
| Construction            | 316 Stainless Steel body; NSF Approved EPDM seals; Stainless Steel orifice |                         |                         |                         |                         |                         |                     |                     |
| Life Cycle              | 1 Million                                                                  |                         |                         |                         |                         |                         |                     |                     |
| Agency Approvals        | NSF/ANSI - 61-G/NSF-372, CE, CSA, UL Recognized                            |                         |                         |                         |                         |                         |                     |                     |

\* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

\*\* Cannot be used in PWM (pulse width modulation) applications



# 211 Series Water Valves (Stainless Steel)

| 211 Series Water Valves |                                                                            |                     |                     |                     |                     |                     |
|-------------------------|----------------------------------------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Model                   | NS211YF16C7DG4                                                             | NS211YF16C7EG5      | NS211YF16C7FG9      | NS211YF16C7GJ2      | NS211YF16C7HJ2      | NS211YF16C7JJ2      |
| Price                   | \$05kqa:                                                                   | \$05kqb:            | \$-045ic:           | \$-045id:           | \$-045ie:           | \$;-045if:          |
| Drawing Link            | <a href="#">PDF</a>                                                        | <a href="#">PDF</a> | <a href="#">PDF</a> | <a href="#">PDF</a> | <a href="#">PDF</a> | <a href="#">PDF</a> |
| Weight (lbs)            | 1.8                                                                        | 1.9                 | 3.8                 | 6.5                 | 6.3                 | 9.5                 |
| Valve Type              | 2-ports (2-way), 2-position                                                |                     |                     |                     |                     |                     |
| Acting                  | Pilot diaphragm, normally closed                                           |                     |                     |                     |                     |                     |
| Port Size               | 1/2" FNPT                                                                  | 3/4" FNPT           | 1" FNPT             | 1-1/4 FNPT          | 1-1/2" FNPT         | 2" FNPT             |
| Orifice Size            | 5/8"                                                                       | 3/4"                | 1"                  | 1-1/4"              | 1-1/4"              | 1-1/4"              |
| Cv                      | 4.3                                                                        | 6.7                 | 13.0                | 19.0                | 25.0                | 28.0                |
| Media                   | Water                                                                      |                     |                     |                     |                     |                     |
| Pressure Range          | 4-100 psi                                                                  | 4-100 psi           | 5-150 psi           | 5-150 psi           | 5-150 psi           | 5-150 psi           |
| Voltage<br>(± 10%)      | 24VDC                                                                      | 24VDC               | 24VDC               | 24VDC               | 24VDC               | 24VDC               |
| Inrush AC               | -                                                                          |                     |                     |                     |                     |                     |
| Power Consumption       | 10W                                                                        |                     | 9W                  |                     |                     |                     |
| Max Cycles per Minute** | 15                                                                         |                     |                     |                     |                     |                     |
| Insulation              | Class N (200°C - 392°F)                                                    |                     |                     |                     |                     |                     |
| Min Response            | 38-150 ms                                                                  |                     |                     |                     |                     |                     |
| Temperature             | 32°F to 125°F (0°C to 51.7°C); Max. Fluid Temp. 295°F (146.1°C)            |                     |                     |                     |                     |                     |
| Lubrication             | Not required                                                               |                     |                     |                     |                     |                     |
| Protection              | NEMA 4/4X Encapsulated                                                     |                     |                     |                     |                     |                     |
| Connection              | 18mm (DIN 43650A) terminal                                                 |                     |                     |                     |                     |                     |
| Construction            | 316 Stainless Steel body; NSF Approved EPDM seals; Stainless Steel orifice |                     |                     |                     |                     |                     |
| Life Cycle              | 1 Million                                                                  |                     |                     |                     |                     |                     |
| Agency Approvals        | NSF/ANSI - 61-G/NSF-372, CE, CSA, UL Recognized                            |                     |                     |                     |                     |                     |

\* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

\*\* Cannot be used in PWM (pulse width modulation) applications



# 211 Series Water Valve Accessories

| 211 Series Water Valve Accessories |                               |                                                                                                                                                                                               |           |              |
|------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|
| Kit Photo                          | Part No.                      | Description                                                                                                                                                                                   | Price     | Weight (lbs) |
|                                    | <b><u>KS211AF02G4-NSF</u></b> | GC Valves rebuild kit, for use with NS211 series AC valves ending CG4 and DG4, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, body o-ring and operator o-ring.  | \$,-1j[8: | 0.3          |
|                                    | <b><u>KS211AF15G4-NSF</u></b> | GC Valves rebuild kit, for use with NS211 series DC valves ending CG4 and DG4, includes diaphragm assembly, plunger-seat disc-spring assembly, plunger tube, body o-ring and operator o-ring. | \$,-1j[9: | 0.3          |
|                                    | <b><u>KS211AF02G5-NSF</u></b> | GC Valves rebuild kit, for use with NS211 series AC valves ending EG5, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, body o-ring and operator o-ring.          | \$,-1j[c: | 0.3          |
|                                    | <b><u>KS211AF15G5-NSF</u></b> | GC Valves rebuild kit, for use with NS211 series DC valves ending EG5, includes diaphragm assembly, plunger-seat disc-spring assembly, plunger tube, body o-ring and operator o-ring.         | \$,-1j[d: | 0.3          |



# 211 Series Water Valve Accessories

| 211 Series Water Valve Accessories                                                 |                               |                                                                                                                                                                                                        |          |              |
|------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|
| Kit Photo                                                                          | Part No.                      | Description                                                                                                                                                                                            | Price    | Weight (lbs) |
|   | <b><u>KS211AF02G9-NSF</u></b> | GC Valves rebuild kit, for use with NS211 series AC valves ending G9, includes diaphragm assembly, diaphragm spring, plunger assembly, plunger tube, plunger spring, body O-rings and operator O-ring. | \$-45io: | 0.4          |
|   | <b><u>KS211AF02J2-NSF</u></b> | GC Valves rebuild kit, for use with NS211 series AC valves ending J2, includes diaphragm assembly, diaphragm spring, plunger assembly, plunger tube, plunger spring, body O-rings and operator O-ring. | \$-45ig: | 0.4          |
|   | <b><u>KS211AF15G9-NSF</u></b> | GC Valves rebuild kit, for use with NS211 series DC valves ending G9, includes diaphragm assembly, diaphragm spring, plunger assembly, plunger tube, plunger spring, body O-rings and operator O-ring. | \$-45ih: | 0.4          |
|  | <b><u>KS211AF15J2-NSF</u></b> | GC Valves rebuild kit, for use with NS211 series DC valves ending J2, includes diaphragm assembly, diaphragm spring, plunger assembly, plunger tube, plunger spring, body O-rings and operator O-ring. | \$-45ii: | 0.4          |



# GCV Valves Replacement Coils

| Water Valve Accessory Coils                                                         |                                   |                |              |                           |                                        |              |                                                                |             |              |
|-------------------------------------------------------------------------------------|-----------------------------------|----------------|--------------|---------------------------|----------------------------------------|--------------|----------------------------------------------------------------|-------------|--------------|
| Coil Photo                                                                          | Part No.                          | Voltage Rating | Power Rating | Insulation                | Connection                             | Cable Length | Fits Valve Series                                              | Price       | Weight (lbs) |
|    | <a href="#"><u>HS4YN02</u></a>    | 120VAC         | 10W          | Class H:<br>180°C (356°F) | 18mm (DIN 43650A)<br>style wiring plug | N/A          | S201, NS201, S301<br>and NS301 valves                          | \$,-1j[n]:  | 0.6          |
|    | <a href="#"><u>HS4YN04</u></a>    | 240VAC         | 10W          | Class H:<br>180°C (356°F) | 18mm (DIN 43650A)<br>style wiring plug | N/A          | S201, NS201, S301<br>and NS301 valves                          | \$,-1j[o]:  | 0.6          |
|    | <a href="#"><u>HS4YN24</u></a>    | 24VAC          | 10W          | Class H:<br>180°C (356°F) | 18mm (DIN 43650A)<br>style wiring plug | N/A          | S201, NS201, S301<br>and NS301 valves                          | \$,-1j[p]:  | 0.6          |
|    | <a href="#"><u>HS4YN16</u></a>    | 24VDC          | 10W          | Class H:<br>180°C (356°F) | 18mm (DIN 43650A)<br>style wiring plug | N/A          | S201, NS201, S211<br>DC, NS211 DC,<br>S301 and NS301<br>valves | \$,-1j[q]:  | 0.6          |
|    | <a href="#"><u>HS4GN02A24</u></a> | 120VAC         | 10W          | Class H:<br>180°C (356°F) | 1/2in conduit<br>24in 18AWG pigtail    | 24in         | S201, NS201, S301<br>and NS301 valves                          | \$,-1j[s]:  | 0.6          |
|   | <a href="#"><u>HS4GN04A24</u></a> | 240VAC         | 10W          | Class H:<br>180°C (356°F) | 1/2in conduit<br>24in 18AWG pigtail    | 24in         | S201, NS201, S301<br>and NS301 valves                          | \$,-1j[t]:  | 0.6          |
|  | <a href="#"><u>HS4GN24A24</u></a> | 24VAC          | 10W          | Class H:<br>180°C (356°F) | 1/2in conduit<br>24in 18AWG pigtail    | 24in         | S201, NS201, S301<br>and NS301 valves                          | \$,-1j[u]:  | 0.6          |
|  | <a href="#"><u>HS4GN16A24</u></a> | 24VDC          | 10W          | Class H:<br>180°C (356°F) | 1/2in conduit<br>24in 18AWG pigtail    | 24in         | S201, NS201, S211<br>DC, NS211 DC,<br>S301 and NS301<br>valves | \$,-1j[v]:  | 0.6          |
|  | <a href="#"><u>HS3YN02</u></a>    | 120VAC         | 8W           | Class H:<br>180°C (356°F) | 18mm (DIN 43650A)<br>style wiring plug | N/A          | S211, NS211 and<br>NS71 valves                                 | \$,-1j[x]:  | 0.5          |
|  | <a href="#"><u>HS3YN04</u></a>    | 240VAC         | 8W           | Class H:<br>180°C (356°F) | 18mm (DIN 43650A)<br>style wiring plug | N/A          | S211, NS211 and<br>NS71 valves                                 | \$,-1j[y]:  | 0.5          |
|  | <a href="#"><u>HS3YN24</u></a>    | 24VAC          | 8W           | Class H:<br>180°C (356°F) | 18mm (DIN 43650A)<br>style wiring plug | N/A          | S211, NS211 and<br>NS71 valves                                 | \$,-1j[z]:  | 0.5          |
|  | <a href="#"><u>HS3GN02A24</u></a> | 120VAC         | 8W           | Class H:<br>180°C (356°F) | 1/2in conduit<br>24in 18AWG pigtail    | 24in         | S211, NS211 and<br>NS71 valves                                 | \$,-1j[[]]: | 0.5          |
|  | <a href="#"><u>HS3GN04A24</u></a> | 240VAC         | 8W           | Class H:<br>180°C (356°F) | 1/2in conduit<br>24in 18AWG pigtail    | 24in         | S211, NS211 and<br>NS71 valves                                 | \$,-1j[[]]: | 0.5          |
|  | <a href="#"><u>HS3GN24A24</u></a> | 24VAC          | 8W           | Class H:<br>180°C (356°F) | 1/2in conduit<br>24in 18AWG pigtail    | 24in         | S211, NS211 and<br>NS71 valves                                 | \$,-1j[[]]: | 0.5          |



# GCV Valve Replacement Coils

| GCV Valve Replacement Coils                                                       |                                   |                |              |                        |                                |              |                             |         |              |
|-----------------------------------------------------------------------------------|-----------------------------------|----------------|--------------|------------------------|--------------------------------|--------------|-----------------------------|---------|--------------|
| Coil Photo                                                                        | Part No.                          | Voltage Rating | Power Rating | Insulation             | Connection                     | Cable Length | Fits Valve Series           | Price   | Weight (lbs) |
|  | <a href="#"><u>HS3GN16A24</u></a> | 24VDC          | 9W           | Class H: 180°C (356°F) | 1/2in conduit w/ 18AWG pigtail | 24in         | S211, NS211 and NS71 valves | \$647v: | 0.54         |
|  | <a href="#"><u>HS3YN16</u></a>    | 24VDC          | 9W           | Class H: 180°C (356°F) | 18mm DIN style wiring plug     | N/A          | S211, NS211 and NS71 valves | \$647u: | 0.49         |