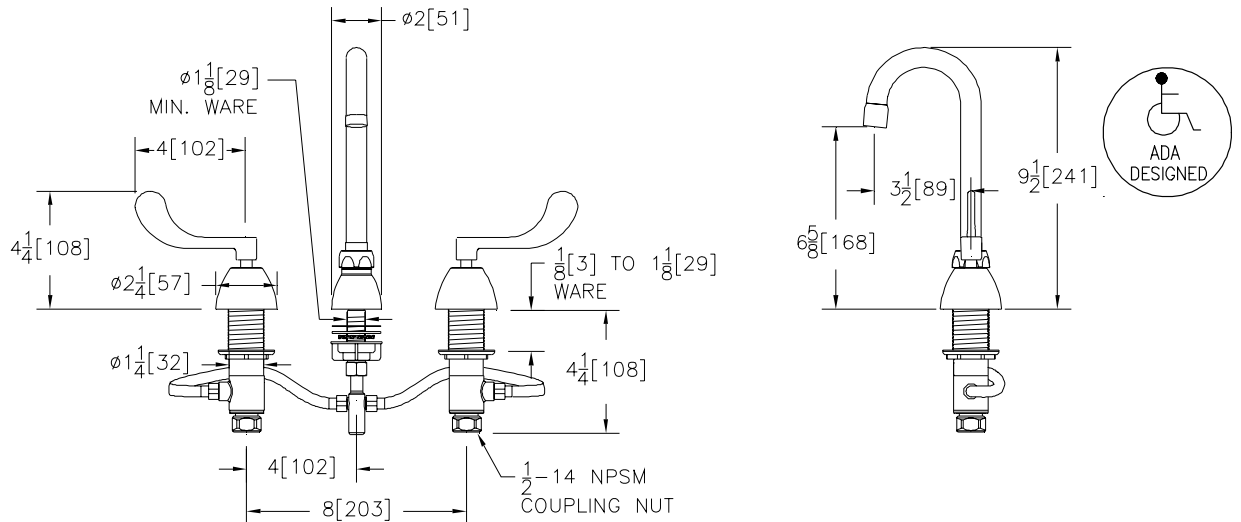



**Engineering Specifications: Zurn AquaSpec® Z831A4**

Polished chrome-plated widespread with adjustable centers from 6" [152mm] to 20" [508mm], with a 3-1/2" [89mm] centerline rigid or swing gooseneck spout and quarter turn ceramic disc cartridges. Unit is furnished with a 2.2 GPM [8.3 L] pressure compensating aerator (complying with ANSI A112.18.1 Standard for flow), 4" [102mm] vandal-resistant color-coded metal wrist blade handles, mounting hardware and 1/2" NPSM coupling nuts for standard lavatory risers. Widespread accommodates installations up to 1-1/8" [29mm] thick.



Note: All dimensions are for reference only. Do not use for pre-plumbing

**OPTIONAL ACCESSORIES**

| Suffix   | Description   |
|----------|---|
| ___ -CWO | Cold Water Only   |
| ___ -FC  | 2.0 GPM [7.6 L] Laminar Flow Control in Base of Spout   |
| ___ -G   | 1-1/4" [32mm] Grid Strainer Drain   |
| ___ -GH  | 1-1/4" [32mm] Offset Handicap Grid Drain  |
| ___ -HCT | Hot/Cold Text Indexes   |
| ___ -HS  | Hose and Spray  |
| ___ -ICT | Inter-connecting Copper Supply Tubes for 8" In-line Centers                                     |
| ___ -P   | 1-1/4" [32mm] Pop-up Drain  |
| ___ -PT  | 1-1/4" [32mm] Cast Brass P-Trap with 7-1/2" [191mm] Long 17-Gauge Wall Bend                     |
| ___ -TW  | Third Waterway  |
| ___ -2F  | 2.2 GPM [8.3 L] Vandal-Resistant Pressure Compensating Female Aerator                           |
| ___ -3F  | 0.5 GPM [1.9 L] Vandal-Resistant Pressure Compensating Female Spray Outlet                      |
| ___ -4F  | 2.2 GPM [8.3 L] Vandal-Resistant Pressure Compensating Female Laminar Flow Outlet               |
| ___ -5F  | 2.0 GPM [7.6 L] Female Spray Outlet   |
| ___ -7F  | 1.0 GPM [3.8L] Pressure Compensating Female Spray Outlet  |
| ___ -16F | 1.0 GPM [3.8L] Vandal-Resistant Pressure Compensating Female Spray Outlet                       |
| ___ -17F | 1.5 GPM [5.7L] Vandal-Resistant Pressure Compensating Female Aerator                            |
| ___ -18F | 1.5 GPM [5.7L] Vandal-Resistant Pressure Compensating Female Laminar Flow Outlet                |
| ___ -19F | 1.5 GPM [5.7 L] Anti-Microbial Pressure Compensating Female Laminar Flow Outlet                 |
| ___ -20F | 1.0 GPM [3.8L] Vandal-Resistant Pressure Compensating Anti-Microbial Female Laminar Flow Outlet |
| ___ -21F | 1.0 GPM [3.8L] Female Laminar Flow Outlet   |
| ___ -22F | 1.0 GPM [3.8L] Vandal-Resistant Female Laminar Flow Outlet                                      |

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