



KINGSTON

KN Series Solenoid Valves

KN1000

Reclaimed Industrial Water Solenoid Valve

The KN1000 internally piloted water control valve offers the same dependable performance, quality, and value you've come to expect in a Kingston Valve. Superior durability and flexibility in a wide range of industrial and reclaimed water control applications continues to make Kingston your first choice in industrial valves.

Features

Recycled Water Features

The Kingston KN1000 Valve is manufactured with top-quality components, including heavy duty copper tubing, precision ball valve adjustment, dirty water filter system, and two-piece diaphragm assembly with SuperiorShield™.

High Performance Flow Characteristics

The Kingston KN Series Solenoid Control Valves produce exceptional flow rate performance. With a low head loss profile, its flow characteristics allow for additional capacity to move downline and increases energy efficiency by easing the stress on system pumps.

Stop Water Hammer

Stop water hammer in its tracks. Kingston internally piloted diaphragm design creates a buffer to that prevents the violent, potentially damaging vibrations often associated with direct acting solenoid valves.

NEMA 4X Solenoid

NEMA 4X rated electrical components add the flexibility to design these multi-function valves into the most demanding industrial environments.



Purple Cross Handle Standard

Heavy Duty Copper Tubing

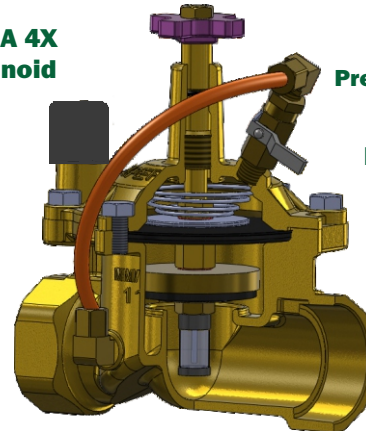
NEMA 4X Solenoid

Internal Bleed with Precise-Adjust Ball Valve

Two-Piece Diaphragm Assembly w/ Superior Shield™

NEW! Premium Chemical Resistant Recycled Water Diaphragm

Stainless Steel Components



Dirty Water Filter

How To Specify / Order

KN1075 100

Model	Size
KN1075 - 110V Coil	075 = 3/4" 100 = 1" 125 = 1-1/4" 150 = 1-1/2" 200 = 2" 250 = 2-1/2" 300 = 3"

NEMA 4X Solenoid Specifications

NEMA 4X 110/120 VAC (KN975)
In-rush current: 95 mA (10.5 VA)
Holding current: 0.45 mA (7.2 VA)

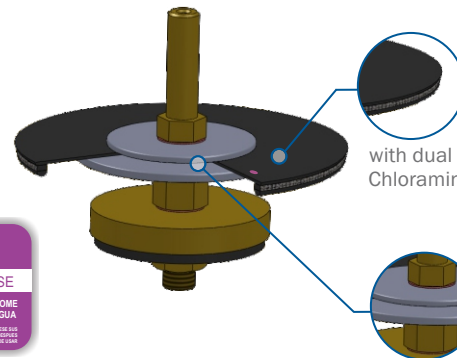
Operating Ranges

Flow: 5 to 360 gpm
Pressure: 20 to 150 psi
Temperature: -20 to 200F



Premium Diaphragm Durability

The Superior 1000 Valve is equipped with a two-piece diaphragm assembly, including a specially-designed HCR™ Diaphragm formulated to outlast the harshest of chemicals typically found in recycled water systems.



HCR™ Diaphragm

EPDM Formulated with dual layers of Chlorine and Chloramine resistant elastomer

Superior Shield™

Helps deflect debris to prevent diaphragm tears