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**INDUSTRY LEADING,  
WORLD-CLASS  
VALVE SOLUTIONS**

**SOLUTIONS**

RF VALVES offers a complete line of industrial manual/automated/control pinch, air release, and slurry knife gate valves built to the highest quality standards.



**MUNICIPAL**

Our products are used in a range of municipal applications to serve communities around the world.



**MINING**

The mining industry relies on all our line of valves due to the highly abrasive nature of metal concentrates and tailings slurries which they are able to handle.



**CHEMICAL**

RF VALVES offers cost-effective alternatives to higher cost stainless steel or alloy valves that might otherwise be required in the chemical industry.



**POWER**

The power generation industry, especially coal-fired power plants, favor RF Valves for use with lime slurry, fly ash slurry and powder, scrubber slurry, river coolant water, and coal sludge.



**PULP & PAPER**

The pulp & paper industry has many difficult applications. The RF VALVE pinch and knife gate valves are proven in this industry for long life and dependability.



**FOOD**

RF VALVES' premium valve solutions serve food and beverage processing plants around the world.



**DESALINATION**

Our valves are used in desalination systems around the world by the best in the industry. The long-lasting durability of our valves makes them perfectly suited to desalination environments.



**OTHER**

Our valves are used in a range of applications such as cement, drilling mud systems, mine de-watering, explosion control systems and more.

**BRANDS**

RF VALVES is committed to solving your valve problems, and we do this by providing trusted brands for industry-leading valves. Our valves feature patented designs, superior materials, meticulous construction, exceptional durability, and optimal performance for every industry.

**RF VALVE**

RF VALVES is known for its renowned pinch valve, which was designed to allow working pressures up to 300PSI (consult for higher pressures). A unique elastomer sleeve results in longer sleeve life while SMART VALVE™ Wear Sensor Indicator Wire allows for preventative maintenance.

**VENT-O-MAT**

Vent-O-Mat® is known for its intensive research, innovative design, and understanding of water market needs. Its products include the combination Anti-Shock Air Release and Vacuum Break Valves for sewage, slurry, tailings and water. Vent-O-Mat® has the first integral Anti-Shock Air Release Valve for surge control.

**RF-SKG**

RF-SKG Slurry Knife Gate valves are heavy-duty bi-directional valves with shut-off and zero downstream leakage. Suitable for wet or dry services, no metal parts come into contact with the flowing media when the valve is in the open position.

**INSAMCOR**

INSAMCOR specializes in a variety of heavy-duty sealed design knife gate valves which provide world-class performance in abrasive, scalling, and corrosive slurries, sludge, liquids and bulk solids. Insamcor valves feature a cast-iron and stainless body, unrestricted bi-directional flow and a leak-proof molded rubber seal ring.



## PINCH VALVES

**RF VALVE & aiRFlex pinch valves use advanced technology along with the highest design standards and construction materials to provide the longest tube life**

RF VALVE & aiRFlex pinch valves meet the most rigorous service conditions. Our patented elastomer tube fold design prevents stretching and extends the sleeve life to result in valves that last. We provide proven engineered solutions to our customers.

### Fast Service with a Global Reach

Through our global distribution and sales network, RF VALVES offers fast delivery and immediate, on-demand technical service and sales support to our customers around the world. We solve your valve problems – fast!



### FEATURES AND BENEFITS

#### Patented No-Stretch Tube Folds

Our patented no-stretch tube design features joint-like expansion arches that flex not stretch when closing. This unique elastomer sleeve design results in longer sleeve life.

#### SMART Valve™ Monitoring System

The SMART Valve™ Wear Sensor Indicator Wire alerts maintenance personnel that the tube is worn, facilitating preventive maintenance.

#### Trouble-Free Operation, Recommended in the Toughest Applications

The self-cleaning flexing action of the elastomer tube prevents build-up of scaling deposits and ensures the valve will not seize or jam, even with high solids.

#### In-Line Quick Tube Change

The RF VALVE design allows the tube to be changed with the valve in-line, saving maintenance time and eliminating the need for recalibration.

#### ASME Standard Face-to-Face Dimensions

Our pinch valve design allows for easy placement into a pre-existing pipeline replacing other standard valves.

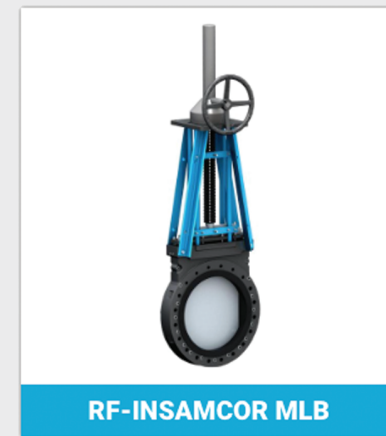
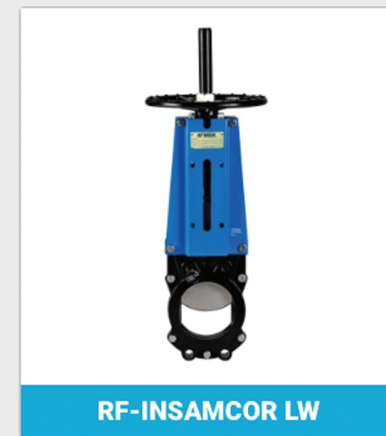
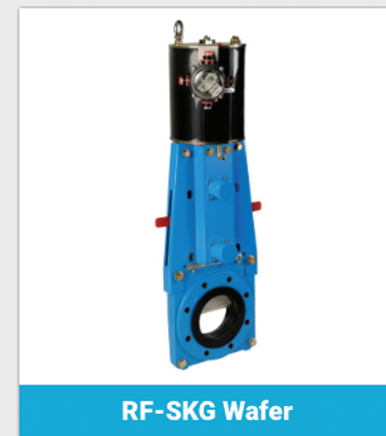
## KNIFE GATE VALVES

**For knife gate valves that perform in the most challenging conditions, trust in RF VALVES**

RF VALVES offers a range of heavy-duty knife gate valves which meet the most rigorous and demanding conditions, offering world-class performance in abrasive and corrosive materials, as well as bulk solids. Our knife gate valves feature the latest in design and technology, including our patented elastomer sleeves, yielding the most low-maintenance knife gate valves on the market today.

### Supports Hard-Working Industries

The RF-SKG knife gate valves were developed and refined in conjunction with mineral processing end-users to solve the problems typically experienced in harsh mining conditions. Today, our RF-SKG knife gate valves are used in a wide array of industries and applications, including mining, coal washing, coal power generation, steel and more.



### FEATURES AND BENEFITS

#### Durability

RF-SKG Pass-Through design keeps debris and solids accumulation away from sealing surfaces, ensuring long-life and trusted service.

#### Engineered Solution

We offer customized solutions to our customers to meet their diverse needs. The SKG design allows compatibility with a variety of accessories from industry leading manufacturers.

#### Maintenance

Field replaceable elastomer sleeves ensure maintenance times will be reduced and production increased.

#### Service

We provide immediate, on-demand technical service, sales and after-sales support for every valve we sell through our global distribution and sales network.

## AIR RELEASE VALVES

**The original “Anti-Shock” & “Anti-Surge” air release and vacuum break valves for water, sewage, slurry, tailings and effluent pipelines**

For effective air release vacuum protection and surge alleviation, trust in Vent-O-Mat. Vent-O-Mat offers the first integral anti-shock air release valve for surge control.

### At the Cutting-Edge of Air Valve Design Technology

Intensive research, innovative design, and an understanding of water market needs produced the industry-leading Vent-O-Mat line of air release valves. For the first time, an effective and efficient air valve exists that, in addition to its air valve functions, successfully assists in the elimination of surge and water hammer as a standard and automatic function.



### FEATURES AND BENEFITS

#### 4 Functions in One Valve

Compact design provides 4 essential functions in a single valve: high volume air venting, surge alleviation, pressurized air release, and vacuum relief.

#### Improves Pipeline Performance

Vent-O-Mat air release valves give you greater pipeline performance while reducing pumping cost.

#### No Routine Maintenance Required

Vent-O-Mat is designed for convenience: there are no springs, no levers, and no plungers to bend, bind, or break, and thus requires no maintenance.

#### The World's Most Versatile Air-Release Valve

Vent-O-Mat valves adapt to a wide range of materials and pressure ratings, comply with NSF standards, and qualify for ARRA, Buy America or Pennsylvania (PA) Steel, or American Iron & Steel (AIS), if specified.