Titan Flow Control is a high quality manufacturer of Check Valves, Butterfly Valves, Pipeline Strainers, Pump Products, Fabricated Designs, and Pipeline accessories applicable to most industrial and commercial requirements. Titan Flow Control was established in the year 2000 by industry veterans with over 300 years of combined experience. We are located in the southeastern part of North Carolina and currently occupy over 70,000 ft² of office, warehouse, and manufacturing space.

- "Y" STRainers
- BASKet STRainers
- DULEx STRainers
- STRaining ELEMENTS
- FRP STRainers
- TEMPORARY STRainers
- FABRICATED STRainers
- "T" STRainers
- IN-LINE CHECK Valves
- SILENT CHECK Valves
- WAFER TYPE CHECK Valves
- GLOBE TYPE CHECK Valves
- SINGLE DISC CHECK Valves
- DUAL DISC CHECK Valves
- BALL VALves
- BUTTERFLY VALves
- SUCTION DIFFusers
- TRI-FLOW VALves
- FOOT VALves
- AUTOMATIC STRainers
- AND MUCH MORE...

TELEPHONE: 910.735.0000
TITAN FLOW CONTROL, INC.
“Y” Type Strainers

Cast Iron

YS 12-CI
Class 250
Threaded Sizes: $\frac{1}{4} \sim 3''$

YS 58-CI
Class 125
Flanged Sizes: 2 ~ 24''

YS 59-CI
Class 250
Flanged Sizes: 2 ~ 12''

Need a strainer? ...
It’s a no-brainer!

We routinely stock:
- Sizes 1/4” through 24”
- Pressure Classes 125 ~ 2500
- Standard materials
- Exotic materials
- All end connections

If we don’t have it - we’ll help you find it!

Bronze & Brass

YS 55-BR
YS 55-BZ
Class 125
Threaded Sizes: $\frac{1}{4} \sim 3''$

YS 56-BR
YS 56-BZ
Class 125
Solder Sizes: $\frac{1}{4} \sim 3''$

YS 52-AB
Class 250
Threaded Sizes: $\frac{1}{4} \sim 3''$

YS 54-AB
Class 150
Flanged Sizes: 2 ~ 12''

Carbon & Stainless Steel

YS 81-CS
YS 81-SS
Class 600
Threaded Sizes: $\frac{1}{4} \sim 3''$

YS 82-CS
YS 82-SS
Class 600
Socket Weld Sizes: $\frac{1}{4} \sim 3''$

YS 83-CS
YS 83-SS
Class 1500
Threaded Sizes: $\frac{1}{2} \sim 3''$

YS 84-CS
YS 84-SS
Class 1500
Socket Weld Sizes: $\frac{1}{2} \sim 3''$

YS 61-CS
YS 61-SS
Class 150
Flanged Sizes: $\frac{1}{2} \sim 24''$

YS 62-CS
YS 62-SS
Class 300
Flanged Sizes: $\frac{1}{2} \sim 12''$

YS 64-CS
YS 64-SS
Class 600
Flanged Sizes: $\frac{1}{2} \sim 12''$

YS 68-CS
YS 68-SS
Class 1500
Flanged Sizes: 2 ~ 8''

YS 69-CS
YS 69-SS
Class 1500
Butt Weld Sizes: 2 ~ 8''

YS 71-CS
YS 71-SS
Class 2500
Butt Weld Sizes: 1 $\frac{1}{2} \sim 10''$

High Pressure Models Available

YS 70-CS
YS 70-SS
Class 2500
Flanged Sizes: 2 ~ 8''

Available in
Alloy 20
316L

910.735.0000 TEL  |  910.738.3848 FAX  |  TITAN@TITANFCI.COM  |  WWW.TITANFCI.COM
TITAN FLOW CONTROL, INC.
Basket Strainers (Simplex)

Cast Iron

**BS 25-CI**
Class 125
Threaded
Quick-Open Cover
Sizes: \( \frac{3}{8} \sim 3" \)

**BS 25F-CI**
Class 125
Flanged
Quick-Open Cover
Sizes: 1 ~ 8"

**BS 55-CI**
Class 125
Flanged
Clamp Cover
Sizes: 2 ~ 12"

**BS 65-CI**
Class 125
Flanged
Bolted Cover
Sizes: 2 ~ 12"

Carbon & Stainless Steel

**BS 35-CS**
**BS 35-SS**
Class 150/300
Threaded
Sizes: \( \frac{3}{8} \sim 3" \)

**BS 35F-CS**
**BS 35F-SS**
Class 150
Flanged
Sizes: 1 ~ 8"

**BS 85-CS**
**BS 85-SS**
Class 150
Flanged
Sizes: 2 ~ 12"

**BS 86-CS**
**BS 86-SS**
Class 300
Flanged
Sizes: 2 ~ 12"

Optional Cover Designs
Most Basket Strainer models can be constructed with various cover designs including bolted, clamped, and hinged.

Fiberglass & Aluminum Bronze

**BS 55-FRP**
Class 150
Flanged
Sizes: 4 ~ 20"

**BS 95-AB**
Class 150
Flanged
Sizes: 2 ~ 12"

Lead Free!*

* The YSS2-AB, YSS4-AB, BS55-FRP & BS95-AB, meet the requirements for Lead Free use in potable water systems. The lead content in the wetted surfaces of these products is 0.25% or less as determined by a weighted average. For more information on lead free requirements, contact Titan Flow Control, Inc.

**BS 25-CI**
Quick-Opening - Knob Type Cover
Sizes: \( \frac{3}{8} \sim 3" \)

**BS 85-CS**
Full Rated - Clamped Cover
Sizes: 2 ~ 12"
TITAN FLOW CONTROL, INC.
Check Valves

Center Guided

**CV 70-SS**
- Class 150/300
- Flanged - Mini Check
- Stainless Steel
- Sizes: 1/2" - 3"

**CV 90-DI**
- Class 150/300
- Wafer - Silent
- Ductile Iron
- Sizes: 2" - 12"

**CV 91-SS**
- Class 150/300
- Wafer - Silent
- Stainless Steel
- Sizes: 2" - 12"

**CV 80-SS**
- Class 300
- Threaded / In-Line
- Stainless Steel
- Sizes: 3/8" - 3"

**CV 50-DI**
- Class 150
- Flanged - Globe Style
- Ductile Iron
- Sizes: 2" - 36"

**CV 51-CS / CV 51-SS**
- Class 150
- Flanged - Globe Style
- Carbon & Stainless Steel
- Sizes: 2" - 36"

**CV 52-DI / CV 52-CS / CV 52-SS**
- Class 300
- Flanged - Globe Style
- Ductile Iron, Carbon & Stainless Steel
- Sizes: 2" - 36"

**CV 20-BR**
- 400 WOG
- Threaded / In-Line
- Brass
- Sizes: 1/4" - 2"

Single & Dual Disc

**CV 12-CS / CV 12-SS**
- Class 150
- Short Pattern - Wafer Type
- Carbon & Stainless Steel
- Sizes: 2" - 24"

**CV 31-DI**
- Class 150
- Wafer - Swing Type
- Ductile Iron
- Sizes: 2" - 12"

**CV 32-CS / CV 32-SS**
- Class 150
- Wafer - Swing Type
- Carbon & Stainless Steel
- Sizes: 2" - 12"

**CV 41-DI**
- Class 150
- Wafer - Dual Disc
- Ductile Iron
- Sizes: 2" - 48"

**CV 42-CS / CV 42-SS**
- Class 150/300
- Wafer - Dual Disc
- Carbon & Stainless Steel
- Sizes: 2" - 48"

**CV 44-CS / CV 44-SS**
- Class 300
- Wafer - Dual Disc
- Carbon & Stainless Steel
- Sizes: 2" - 48"

**CV 46-CS / CV 46-SS**
- Class 600 & 900
- Wafer - Dual Disc
- Carbon & Stainless Steel
- Sizes: 2" - 48"

**CV 47-CS / CV 47-SS**
- Class 600 & 900
- Wafer - Dual Disc
- Carbon & Stainless Steel
- Sizes: 2" - 48"

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**Lead Free**
Trim on Titan Check Valves

* Titan’s Check Valves have either A Stainless Steel or Aluminum Bronze trim to meet the requirements for Lead Free use in potable water systems. The lead content of the wetted surfaces of Titan’s iron and steel check valve models is 0.25% or less as determined by a weighted average. For more information on lead free requirements, contact Titan Flow Control, Inc.*
**Cast & Ductile Iron**

**BF 75-CT**
200 PSI
Wafer Type
Cast Iron
Sizes: 2” – 48”

**BF 76-DI**
200 PSI
Lug Type
Ductile Iron
Sizes: 2” – 48”

**Butterfly Valve Features:**
- Seat is Phenolic Backed Cartridge
- Sizes 2” through 12” in Stock
- Valve Bodies are Epoxy Painted
- Rated for 200 psi Bidirectional Service
- Extended Neck provides 2” of Piping Clearance
- Alignment Holes for easy installation
- Designed in Accordance with ASME/ANSI Class 125/150
- When ordered with Aluminum Bronze discs, Titan Butterfly Valves meet the requirements for **Lead Free** use in potable water systems. The lead content in the wetted surfaces of Titan Butterfly Valves with AB discs is 0.25% or less as determined by a weighted average. For more information on lead free requirements, contact Titan Flow Control, Inc.

**Mounting Options**
Butterfly Valves are available with 10-position, actuator, gear box, and chain wheel mounting. Stem Extensions are also available.

**Universal Mounting Flange**
The cast-in actuator flange is universally designed in accordance with ISO 5211 standard dimensions. The mounting flange can accommodate all types of operators such as: 10-position handle kits, gear operators, electric actuators, and pneumatic actuators. For actuators, Titan FCI may provide both direct mount and bracket mount designs. Please contact Titan FCI about your specific automation requirements.

**Butterfly Valve Actuation**
Titan FCI offers a complete line of Pneumatic Actuators and Electric Actuators.

**Pneumatic Actuator with Travel Indicator**

**Electric Actuator for Sizes 3” & Smaller**

**Actuator Accessories:**
- Three and Four-Way Direct Mount Solenoid Valves
- Pneumatic & Electro-Pneumatic Positioners
- Limit Switches
- Speed Controls
- Manual Override
- Lock Out Devices
- 4-20 MA and 3-15 PSI

**Electric Actuator for Sizes 4” & Larger**

**Electric Actuator Mounting**

**Pneumatic Actuator Mounting**
Fabricated Products

Titan FCI has the capability of designing and fabricating a variety of products to your exact specifications. Our fabricated products include:

- "Y" Strainers
- Duplex Strainers
- Steam Jacketed Strainers
- Fiberglass Reinforced Plastic Strainers
- And much more ....

Please contact the factory directly for any special projects or applications you may require.

Replacement Screens & Baskets

Titan FCI can manufacture straining elements for all types of strainers including:

- "Y" Strainers
- "T" Strainers
- Basket Strainers
- Duplex Strainers

Titan FCI can manufacture straining elements in a wide variety of perforations, meshes, and materials (Type 304, Type 316, Alloy 20, Monel).

We can also provide replacement screens and baskets for our competitor's strainers.

Just send us your prints, samples, or simply give us your requirements and let us design a straining element that is right for your application. In most cases, straining elements can be ordered by referencing Titan FCI's or any other manufacturers' strainer model number.
Titan Flow Control, Inc.

A Letter from our President

Titan Flow Control, Inc. manufactures a complete line of very high quality pipeline strainers, double disc check valves, globe type silent check valves, and soft seated butterfly valves. Our product offerings include both a high quality import line as well as units crafted to meet full domestic requirements whenever needed.

Our management team has been designing and manufacturing industrial strainers for over 30 years. We have the ability to custom design units to conform to even the most complicated piping configurations imaginable. Our screen fabrication shop can quickly provide special screens in a wide selection of both perforated and wire mesh materials in sizes ranging from 20 through 500 mesh. We offer products fabricated from numerous alloys including bronze, ductile and cast iron, carbon steel, stainless steel, monel, alloy 20, nickel and hastelloy, as well as many others.

Every Titan unit is fabricated with premium components from certified vendors. The components that go into making a Titan FCI valve must conform to Titan’s rigid standards. To test for meeting conformity, on arrival, every component is subjected to and must pass multiple, rigorous quality inspection procedures. Every casting carries a foundry heat number for immediate identification and for subsequent traceability. All parts are precision machined on the newest and most modern numerical control machinery - all manufactured in strict adherence to internationally recognized standards and specifications, including ANSI/ASME/API/NACE and ISO. All products manufactured by Titan FCI are 100% hydrostatically tested in accordance with applicable ANSI/API, MSS standards and customer specifications.

Titan FCI is proud to have earned one of the highest quality/price ratios of any reputable strainer/valve company in the world.

You will find the most impressive fact about a Titan FCI product is the product itself. Titan will be more than pleased to provide you with a sample of any product you request.

Martin Gibbons
President

Your Titan Flow Control Sales Representative:

If you need help contacting a Titan Sales Representative, call Titan FCI at (910)735-0000.

Titan FCI’s new manufacturing facility - right off of Interstate 95, Exit 17.