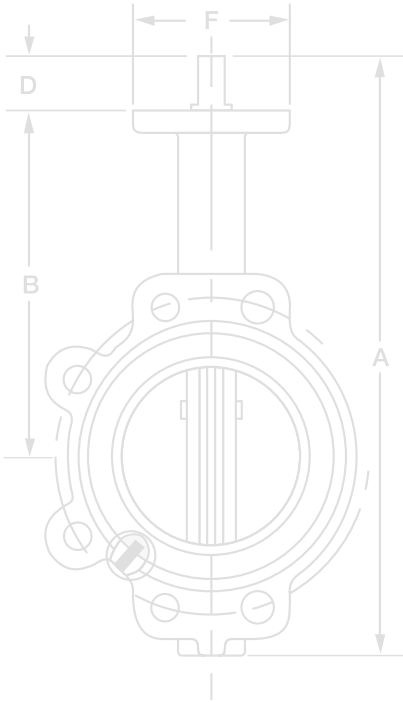
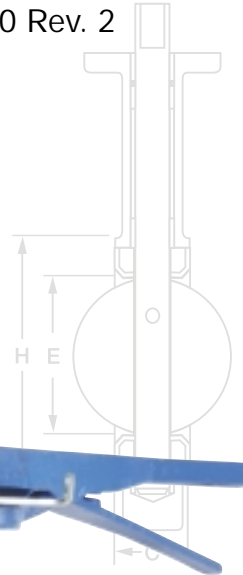
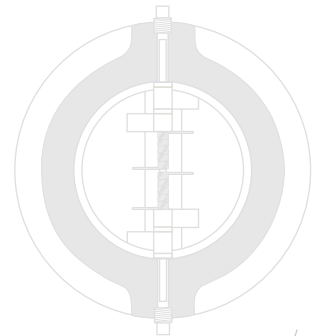
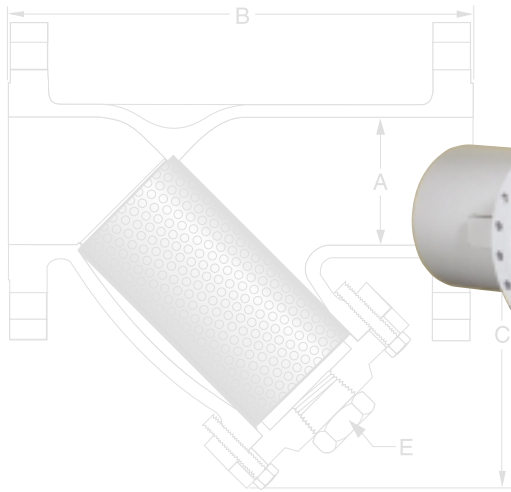


*custom fabricated products*



- Y Strainers
- Basket Strainers
- T-Strainers
- Automatic Backwash Strainers
- Duplex Strainers
- Suction Diffusers
- Butterfly Valves
- Check Valves



# STRAINERS handbook

**LESLIE**  
CONTROLS, INC.

A division of CIRCOR International, Inc.

*wide selection*

# TABLE OF CONTENTS

## ***Y Strainer Features.....5***

Y Strainer Design Features.....	6
125Y Series Y Strainers	
125Y1 Bronze .....	9
125Y2 Cast Iron.....	10
150Y Series Y Strainers	
150Y2 Carbon Steel, Stainless Steel .....	15
150Y2 Bronze .....	16
250Y Series Y Strainers	
250Y1 Cast Iron.....	20
250Y1 Bronze .....	22
250Y2 Ductile Iron .....	23
300Y Series Carbon Steel, Stainless Steel Y Strainers	
300Y1 NPT, Socketweld .....	27
300Y2 Flanged, Buttweld .....	28
600Y Series Y Strainers	
600Y1 Carbon Steel, Stainless Steel, Low Carbon Steel, Alloy 20 NPT, Socketweld .....	33
600Y2 Carbon Steel, Stainless Steel, Flanged, Ring joint, Buttweld .....	34
900Y Series Y Strainers	
900Y2 Carbon Steel, Stainless Steel .....	39
1500Y Series Y Strainers	
1500Y1 Carbon Steel, Stainless Steel .....	43
1500Y2 Series Carbon Steel, Stainless Steel, Chrome Moly .....	44
FY Series Fabricated Y Strainers .....	48
Y Strainer Technical Information.....	53

## ***Basket Strainers Features .....63***

125B Series Basket Strainers	
Cast Iron Flanged .....	64
150B1 Series Flanged Basket Strainers	
Cast Bronze, Carbon Steel, Stainless Steel .....	68
150B2 Series Flanged Basket Strainers	
Cast Carbon Steel, Stainless Steel .....	72
300B Series Basket Strainers	
Cast Carbon Steel, Stainless Steel, Threaded .....	76

## ***Basket Strainers cont.***

FB Series Fabricated Basket Strainers	
FB1 .....	81
FB2 .....	82
FB3 .....	83
FB4 .....	84
FB5 .....	85
Basket Strainers Technical Information .....	89

## ***Automatic Self-Cleaning Strainers Features ..... 99***

FA Series Fabricated Automatic Self-Cleaning Strainers	
FA1 .....	101
FA2 .....	102

## ***Fabricated Duplex Strainers Features ..... 107***

FD Series Fabricated Duplex Strainers .....	108
FD1 .....	110
FD2 .....	111
FD3 .....	112
FD4 .....	113
FD5 .....	114
FD6 .....	115
FD7 .....	116
Duplex Strainer Technical Information .....	119

## ***T-Strainers Features..... 129***

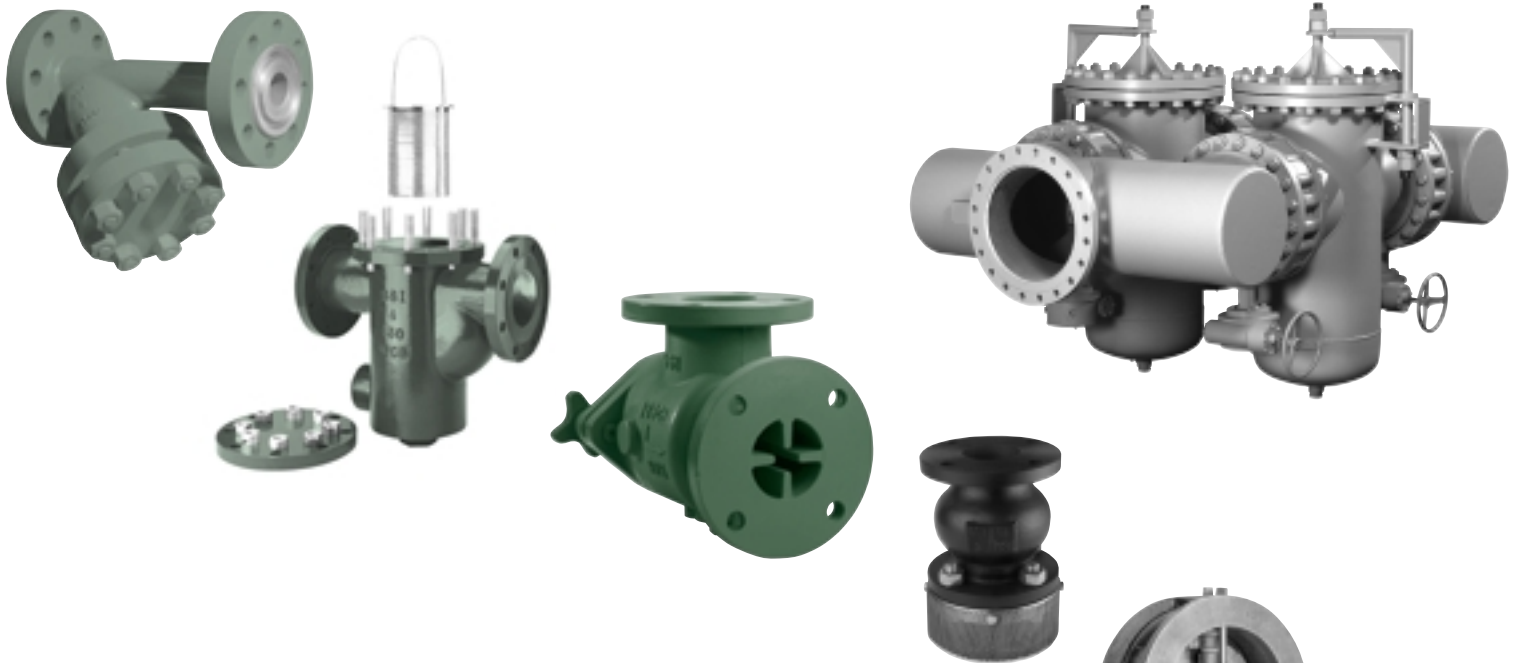
FT Series Fabricated T-Strainers	
FT1 .....	131
FT2 .....	132
FT3 .....	133
T-Strainers Technical Information .....	137

## ***Temporary Strainers Features..... 143***

TC, TB & TP Series Basket Strainers	
TC .....	145
TB .....	146
TP .....	147
Temporary Strainers Technical Information .....	151

# TABLE OF CONTENTS

<b><i>Suction Diffusers Features</i></b> .....	<b>159</b>	<b><i>Flanged Foot Valves</i></b>	
125S Series Cast Iron Suction Diffusers .....	160	125FV Series Flanged Foot Valves .....	222
FF Series Fabricated Suction Diffusers .....	164	150FV Series Flanged Foot Valves .....	226
125T Series Cast Iron Triple Duty Valves .....	168	<b><i>Butterfly Valves Features</i></b> .....	<b>231</b>
Pump Protection Technical Information .....	171	BF Series .....	232
<b><i>Double Door Check Valve Features</i></b> .....	<b>175</b>	<b><i>Neoprene Sphere Connectors and Control Rods</i></b>	
Double Door Check Valve Design Features .....	176	Series ASM Flanged Single Sphere Connector .....	238
125WT Series Double Door Check Valves .....	178	Series ATM Flanged Twin Sphere Connector .....	240
150WT Series Double Door Check Valves .....	182	Series AUM NPT End Double Sphere Connector .....	242
300WT Series Double Door Check Valves .....	186	Control Rods for Expansion Joints .....	246
600WT Series Double Door Check Valves .....	190	<b><i>Reference &amp; Piping Design</i></b> .....	<b>249</b>
<b><i>Wafer Silent Check Valves Features</i></b> .....	<b>195</b>	Guide for the Selection, Installation and Maintenance	
125WC Series Wafer Silent Check Valves .....	196	of Pipeline Strainers .....	250
150WC Wafer Silent Check Valves .....	200	Flange Standards .....	264
300WC Series Wafer Silent Check Valves .....	204	Pipe Data Tables .....	266
<b><i>Flanged Silent Check Valves Features</i></b> .....	<b>209</b>	Conversion Tables .....	270
125FC Series Silent Check Valves .....	210	Pressure To Vacuum Table .....	271
150FC Series Silent Check Valves .....	214	Properties of Water .....	271
250FC Series Silent Check Valves .....	218	Steam Table .....	272



# LESLIE CONTROLS, INC.

A division of CIRCOR International, Inc.

**813-978-1000**

