



# SANI-MATIC

$\frac{12}{13}$  COMPONENTS & STANDARD EQUIPMENT

# DESIGNING NEW SOLUTIONS

*to provide you and your business with*

## CLEANING CONFIDENCE



### SANI CAB

The Sani-Matic SANiCAB is a multi-purpose cabinet washer engineered to thoroughly clean a wide variety of items.

Our exclusive Porta-Rack design improves cleaning efficiencies by reduced handling, minimizing cross-contamination and maximizing the number of units cleaned per documented cleaning cycle.

For more information, see page 26.



Clean out of Place

Each Sani-Matic COP Washer comes with our exclusive sanitary jets designed to create consistent, high-velocity turbulence to increase agitation, effectively and efficiently removing product residue from piping, hoses and disassembled machine parts.

To learn more, see page 24.



### TACTiCAB

Sani-Matic's TACTiCAB has a compact construction that improves productivity with an automated cleaning process reducing both cycle time and labor. The standard design requires minimal set-up, adding even more value to this cost effective cleaning solution.

More benefits can be found on page 27.



# 2012 - 2013 Components Catalog

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*Prices listed do not include shipping and handling.*

*Most items are in stock and available for immediate shipment.*

*Sani-Matic, Inc. reserves the right to change prices at any time. Please call for the latest price information.*

**SANI-MATIC®**

P:800.356.3300 F:608.222.5348 [sanimatic.com](http://sanimatic.com) 1915 S. Stoughton Rd., Madison, WI 53716



# Durable Design, Reliable Performance

Sani-Matic offers the widest variety of sizes and styles of high quality sanitary Angle-Line and Straight-Line Strainers for reliable performance. Made by our Wisconsin craftsmen, they are designed for durability and are readily available for quick delivery.

Sani-Matic strainers can use perforated or wedgewire inserts interchangeably. Perforated inserts require either disposable filter socks or wire mesh overlays for fine filtration. Wedgewire offers an effective and durable single piece insert in micron ratings equivalent to wiremesh.



Sani-Matic's standard In-Line Strainers are 3-A approved when using the perforated insert. If 3-A approval is required, your sales representative should be consulted to ensure the configuration meets all 3-A standards.

## Maximum Pressure Rating

Tri-Clamp	120 psi
Tubing	250 psi
Perforated Insert	125 psi
WedgeWire Insert	600 psi

## Standard Features

- 316L stainless steel construction throughout
- Five fitting sizes available
- Standard tri-clamp connections
- EPDM tri-clamp gaskets, teflon encapsulated O-ring
- Perforated or wedgewire strainer inserts are interchangeable
- Sanitary finish (32Ra) – except wedgewire element

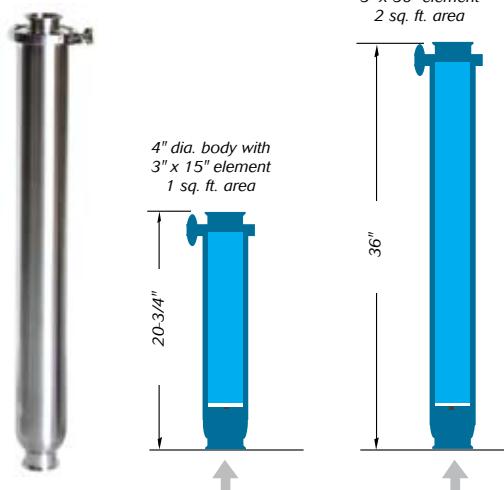
## Options

- Wire mesh overlays for use with perforated insert
- Additional finishes and elastomers available
- Dual strainer installation is possible to increase capacity and provide uninterrupted processing
- Hot water jacket is available - call for more information

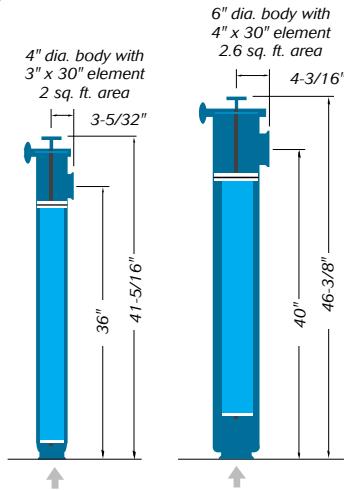
## Advantages of Wedgewire

- One piece solution
- Durable, long-lasting
- Increased pressure rating
- More sanitary than wire mesh

## Straight-Line Strainer



## Angle-Line Strainer



## Straight-Line Strainer Complete Assembly

Fitting Size	Body O.D.	Short (20.75") Perforated Part #	Price	Long (36.0") Perforated Part #	Price	Short (20.75") Wedgewire Part #	Price	Long (36.0") Wedgewire Part #	Price	Recommended Maximum GPM
1.5"	4"	<b>S10006</b>	\$ 650	<b>S10016</b>	\$ 950	<b>S10126</b>	\$ 775	<b>S10136</b>	\$ 1,250	80
2.0"	4"	<b>S10007</b>	\$ 750	<b>S10017</b>	\$ 1,050	<b>S10127</b>	\$ 875	<b>S10137</b>	\$ 1,250	120
2.5"	4"	<b>S10008</b>	\$ 850	<b>S10018</b>	\$ 1,150	<b>S10128</b>	\$ 975	<b>S10138</b>	\$ 1,350	180
3.0"	4"	<b>S10009</b>	\$ 950	<b>S10019</b>	\$ 1,250	<b>S10129</b>	\$ 1,075	<b>S10139</b>	\$ 1,450	240
4.0"	4"	<b>S10010</b>	\$ 1,150	<b>S10020</b>	\$ 1,450	<b>S10130</b>	\$ 1,275	<b>S10140</b>	\$ 1,650	300

## Angle-Line End-Inlet Model Complete Assembly



Fitting Size	Body O.D.	Short Perforated Part #	Price	Long Perforated Part #	Price	Short Wedgewire Part #	Price	Long Wedgewire Part #	Price	Recommended Maximum GPM
1.5"	4"	S10026	\$ 1,150	S10036	\$ 1,400	S10146	\$ 1,350	S10156	\$ 1,550	80
2.0"	4"	S10027	\$ 1,250	S10037	\$ 1,500	S10147	\$ 1,450	S10157	\$ 1,650	120
2.5"	4"	S10028	\$ 1,350	S10038	\$ 1,600	S10148	\$ 1,550	S10158	\$ 1,750	180
3.0"	4"	S10029	\$ 1,450	S10039	\$ 1,700	S10149	\$ 1,650	S10159	\$ 1,850	240
4.0"	4"	S10030	\$ 1,650	S10040	\$ 1,900	S10150	\$ 1,850	S10160	\$ 2,050	300
4.0"	6"	N/A	N/A	S10176	\$ 3,600	N/A	N/A	S10175	\$ 3,850	450

## Angle-Line Side-Inlet Model Complete Assembly



Fitting Size	Body O.D.	Short Perforated Part #	Price	Long Perforated Part #	Price	Short Wedgewire Part #	Price	Long Wedgewire Part #	Price	Recommended Maximum GPM
1.5"	4"	X10026	\$ 1,150	X10036	\$ 1,400	X10146	\$ 1,350	X10156	\$ 1,550	80
2.0"	4"	X10027	\$ 1,250	X10037	\$ 1,500	X10147	\$ 1,450	X10157	\$ 1,650	120
2.5"	4"	X10028	\$ 1,350	X10038	\$ 1,600	X10148	\$ 1,550	X10158	\$ 1,750	180
3.0"	4"	X10029	\$ 1,450	X10039	\$ 1,700	X10149	\$ 1,650	X10159	\$ 1,850	240
4.0"	4"	X10030	\$ 1,650	X10040	\$ 1,900	X10150	\$ 1,850	X10160	\$ 2,050	300
4.0"	6"	N/A	N/A	X10176	\$ 3,600	N/A	N/A	X10175	\$ 3,850	450

## Strainer Elements

### Perforated Strainer Elements

Hole Size	Body Dia.	Open Area	Short		Long & High Capacity	
			Part #	Price	Part #	Price
3/32"	4"	33%	721068	\$ 497	720972	\$ 325
1/8"	4"	40%	720584	\$ 225	720585	\$ 325
1/4"	4"	58%	720411	\$ 225	720412	\$ 325
3/8"	4"	51%	720939	\$ 225	720940	\$ 325
3/32"	6"	33%	N/A	N/A	720890	\$ 450
1/8"	6"	40%	N/A	N/A	720799	\$ 450
1/4"	6"	58%	N/A	N/A	720800	\$ 450

Mesh Overlays



1/8" Perforated Strainer Element



1/4" Perforated Strainer Element



### WedgeWire Strainer Elements

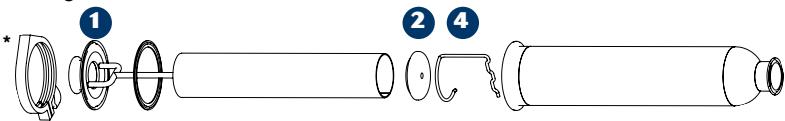
Mesh Size	Space Btwn Wires (inches)	Micron Rating	Open Area	Short		Long & High Capacity				
				Slot Size	Body Dia.	Wire Mesh Equiv.	Micron Rating	Open Area	Part #	Price
8	call for information			0.002"	4"	270	50	4.1%	700323	\$ 300
10	0.075	1905	56.3%	0.005"	4"	120	125	8%	700324	\$ 300
12	call for information			0.007"	4"	80	177	10%	700325	\$ 300
20	0.034	864	46.2%	0.010"	4"	60	250	14%	700326	\$ 300
30	0.021	533	40.8%	0.015"	4"	40	380	20%	700327	\$ 300
40	0.015	381	36.0%	0.020"	4"	32	500	25%	700328	\$ 300
50	0.011	280	30.3%	0.030"	4"	25	750	33%	700329	\$ 300
60	0.0092	230	30.5%	0.040"	4"	17	1015	40%	700330	\$ 300
80	0.007	180	31.4%	0.050"	4"	N/A	N/A	N/A	105611	\$ 300
100	0.006	140	30.3%	0.060"	4"	10	1600	50%	700331	\$ 300
120	0.0046	117	30.5%	0.0875"	4"	4	4760	75%	700333	\$ 300
150	0.0041	100	37.8%	0.005"	6"	120	125	8%	N/A	N/A
200	call for information			0.007"	6"	80	177	20%	N/A	N/A
150 **	call for information			0.015"	6"	40	380	10%	N/A	N/A
	call for information			0.060"	6"	10	1600	50%	N/A	N/A

\*\* 6" O.D. strainers

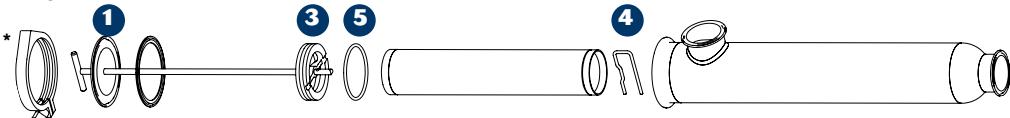
Call toll free 800.356.3300 or fax 608.222.5348

# Internal Replacement Parts

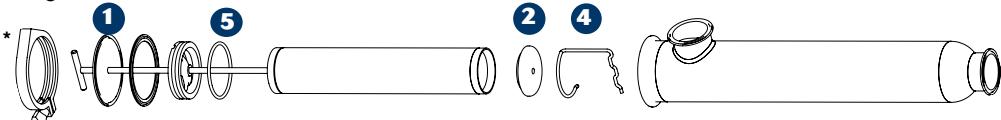
## Straight-Line Strainer



## Angle-Line Side-Inlet Strainer



## Angle-Line End-Inlet Strainer



## ① Strainer Element Retainer Inserts

Configuration	Flow	Model	Fitting	Part #	Price
Straight-LIne	End-Inlet	Short	1.5"	<b>740318</b>	\$ 295
Straight-LIne	End-Inlet	Short	2.0"	<b>740325</b>	\$ 315
Straight-LIne	End-Inlet	Short	2.5"	<b>740359</b>	\$ 340
Straight-LIne	End-Inlet	Short	3.0"	<b>740565</b>	\$ 370
Straight-LIne	End-Inlet	Short	4.0"	<b>740491</b>	\$ 395
Straight-LIne	End-Inlet	Long	1.5"	<b>740422</b>	\$ 310
Straight-LIne	End-Inlet	Long	2.0"	<b>740309</b>	\$ 330
Straight-LIne	End-Inlet	Long	2.5"	<b>740305</b>	\$ 355
Straight-LIne	End-Inlet	Long	3.0"	<b>740356</b>	\$ 385
Straight-LIne	End-Inlet	Long	4.0"	<b>740368</b>	\$ 410
Angle-Line	Side-Inlet	Short	N/A	<b>740320</b>	\$ 215
Angle-Line	Side-Inlet	Long	N/A	<b>740348</b>	\$ 230
Angle-Line	End-Inlet	Short	N/A	<b>700544</b>	\$ 320
Angle-Line	End-Inlet	Long	N/A	<b>700546</b>	\$ 335
Angle-Line	End-Inlet	Short (4" T/C)	N/A	<b>700552</b>	\$ 400
Angle-Line	End-Inlet	Long (4" T/C)	N/A	<b>700549</b>	\$ 415
Angle-Line	Side-Inlet	High Capacity	N/A	<b>110123</b>	\$ 500
Angle-Line	End-Inlet	High Capacity	N/A	<b>740622</b>	\$ 780

Straight-Line  
End-Inlet



Angle-Line  
Side-Inlet  
(reverse flow)



Angle-Line  
End-Inlet  
(std. flow)



## ② End Plugs

Straight-Line and  
Angle-Line End-Inlet Only



Body Diameter	Material	Part #	Price
4"	Nylon <sup>1</sup>	<b>720419<sup>1</sup></b>	\$ 55
4"	Teflon	<b>720988</b>	\$ 150
4"	Stainless <sup>2</sup>	<b>118582<sup>2</sup></b>	\$ 55
6"	Stainless	<b>118583</b>	\$ 175
6"	UHMW	<b>720616</b>	\$ 95

<sup>1</sup> Nylon End Plug is for strainers manufactured before 2007

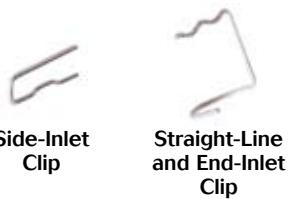
<sup>2</sup> Stainless End Plug replaces Old Part #721577

## ③ O-Ring Retainers

Angle-Line Side-Inlet Only

Body Diameter	Part #	Price
4"	<b>721488</b>	\$ 75
6"	<b>720631</b>	\$ 420

## ④ Retaining Clips



Body Diameter	Flow	Part #	Price
4"	Side-Inlet	<b>720408</b>	\$ 20
4"	End-Inlet	<b>740295</b>	\$ 20
6"	Side-Inlet	<b>320033</b>	\$ 11
6"	End-Inlet	<b>740623</b>	\$ 36

## ⑤ O-Rings

Body Dia.	Material	Part #	Price
4"	Viton	<b>020236</b>	\$ 16
4"	EPDM	<b>020503</b>	\$ 11
4"	Teflon	<b>024020</b>	\$ 20
6"	EPDM	<b>022416</b>	\$ 11
6"	Teflon	<b>034355</b>	\$ 20

\* For body clamp and gasket elastomer replacements, please see page 11.

## Conversion Kits Angle-Line Strainer

(used to reverse flow direction)

Includes: frame, O-ring retainer or end plug, clip & O-ring

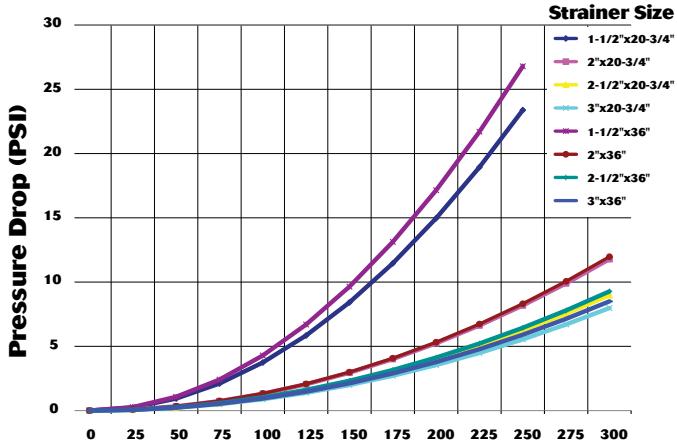
Flow	Short		Long	
	Part #	Price	Part #	Price
End to Side-Inlet	S10177	\$ 321	S10180	\$ 336
Side to End-Inlet	S10178	\$ 406	S10181	\$ 421
Side to End-Inlet (for 4" tri-clamp and body)	S10179	\$ 486	S10182	\$ 501

## Spare Parts Kit Angle-Line Strainer

Includes: stainless steel end plug, retainer clip,  
4" T.C. gasket & four (4) frame seal O-rings

Flow	Part #	Price
End-Inlet	S25725	\$ 88

## Pressure Drop for In-Line Strainer



**Flow Rate (GPM)** Performance based on testing using  
70° F water and 0.015" wedgewire element

## Mesh-Micron Reference Data

Mesh	Micron	Inches
4	4760	0.2030
8	2487	0.0970
10	1600	0.0750
14	1307	0.0510
17	1015	0.0394
20	840	0.0331
25	750	0.0280
30	590	0.0232
32	500	0.0197
40	380	0.0165
45	350	0.0138
50	297	0.0117
60	250	0.0098
70	210	0.0083
80	177	0.0070
100	149	0.0059
120	125	0.0049
140	105	0.0041
170	88	0.0035
200	74	0.0029
230	62	0.0024
270	50	0.0021
325	44	0.0017
400	37	0.0015
550	25	0.0009
800	15	0.0006
1250	10	0.0004
****	5	0.0002

## Filter Tubes

### 4" OD Body x 20.75" Strainers

#### 4-7/8" x 17" Filter Tube

All pricing is per box of **50**, unless otherwise noted.

Description	Micron	Part #	Price
Non-woven Rayon	25	<b>032789</b>	\$ 45
16XX Polyester Screen	80	<i>Call</i>	\$ 240
T-504 Polyester Screen	150	<b>031264</b>	\$ 130
Smooth Weave Dacron	250	<b>036985</b>	\$ 120
Cotton Cheese Cloth	300	<b>028476</b>	\$ 81
Nylon Leno	765	<b>031133</b>	\$ 123
Spun Polyester	1000	<b>028335</b>	\$ 202



### 4" OD Body x 36" Strainers

#### 4-7/8" x 33-1/2" Filter Tube

Description	Micron	Part #	Price
Non-woven Rayon	25	<b>028390</b>	\$ 107
Non-woven Rayon	40	<b>028857</b>	\$ 143
16XX Polyester Screen	80	<b>029075</b>	\$ 418
T-504 Polyester Screen	150	<b>028395</b>	\$ 154
Smooth Weave Dacron	250	<b>030951</b>	\$ 118
Cotton Cheese Cloth	300	<b>028797</b>	\$ 81
Plain Weave Polyester	400	<b>023864</b>	\$ 119
Nylon Leno	765	<b>10000044</b>	\$ 169

### 6" OD Body x 40" Strainers

#### 6-1/2" x 33-1/2" Filter Tube

Description	Micron	Part #	Price
Non-woven Rayon	25	<i>Call</i>	\$ 133
Polyester	100	<i>Call</i>	\$ 221
Cotton Cheese Cloth	300	<b>037345</b>	\$ 155
Non-woven Rayon	400	<i>Call</i>	\$ 414

## Dual Strainer Assembly

A full assembly includes a strainer stand, valve kit, and two strainers.

Automated backflush system with pressure sensing alarm available.

*Please note: valve kits do not include strainers.*

### Valve Kit with VNE Butterfly Valves

**Material:** 316L SS

Kit includes: (4) Elbows,  
(2) Tees, (4) Valves,  
(12) Clamps, (12) Gaskets  
and stand.

Size	Part #	Price
1.5"	<b>122606</b>	\$ 2,890
2.0"	<b>122607</b>	\$ 3,085
2.5"	<b>122608</b>	\$ 3,330
3.0"	<b>122609</b>	\$ 3,765
4.0"	<b>122610</b>	\$ 4,460

*Alternate valves available - please call for pricing*

*Please note: Strainers Sold Separately*



### Dual Angle Strainer Pricing Worksheet

To use the worksheet, pick the proper fitting size, then select the insert that meets your needs, multiply the cost x2 (one strainer for each side), then add the price of the Valve Kit to determine your final cost.

Fitting Size	Body O.D	Long Perforated Part #	Price		Long Wedgewire Part #	Price		Strainer Price Subtotal		Valve Kit Price		Final Assembley Price
1.5"	4"	<b>S10036</b>	\$ 1,400	or	<b>S10156</b>	\$ 1,550	x 2		+	\$ 2,890	=	
2.0"	4"	<b>S10037</b>	\$ 1,500	or	<b>S10157</b>	\$ 1,650	x 2		+	\$ 3,085	=	
2.5"	4"	<b>S10038</b>	\$ 1,600	or	<b>S10158</b>	\$ 1,750	x 2		+	\$ 3,330	=	
3.0"	4"	<b>S10039</b>	\$ 1,700	or	<b>S10159</b>	\$ 1,850	x 2		+	\$ 3,765	=	
4.0"	4"	<b>S10040</b>	\$ 1,900	or	<b>S10160</b>	\$ 2,050	x 2		+	\$ 4,460	=	

### Optional Valve Actuating Mechanism

These valves offer a one-step control for simultaneous control of all four butterfly valves for the strainer assembly. The interlocking control puts one strainer "on-line" and the other strainer "off-line."

To ensure operator safety, insert access is limited to the "off-line" strainer.

**Material:** 304L SS

Size	Part #	Price
3.0"	<b>132128</b>	\$ 1,860

*Please call for additional connection size options and pricing.*



### Pressure Gauges

Two (2) Anderson sanitary diaphragm-type pressure gauges for installation before and after the strainer assembly.

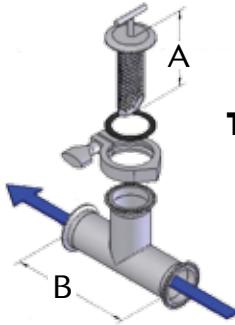
This adds two tees to the set-up.

Size	Part #	Price
1.5"	<b>158581</b>	\$ 1,053
2.0"	<b>158585</b>	\$ 1,065
2.5"	<b>158591</b>	\$ 1,205
3.0"	<b>158593</b>	\$ 1,338
4.0"	<b>158596</b>	\$ 1,685

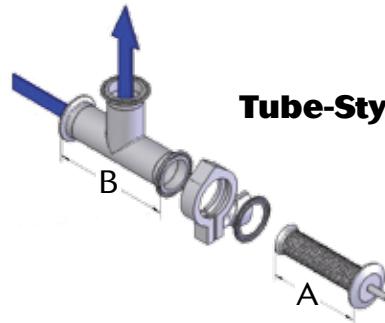
# Sanitary Simplicity, Sturdy Durability

Sani-Matic Tee Line Strainers are designed to economically keep materials out of your pumps and process equipment without appreciably increasing line pressure. Engineered with simplicity and durability in mind, the tri-clamp allows quick, easy removal of the insert assembly.

We recommend purchasing the complete assembly – tee, insert, gasket and tri-clamp – to ensure a proper fit.



**Tongue-Style Strainer**



**Tube-Style Strainer**

## Complete Assembly

Tri-clamp Fitting Size	Perf. Size	Face to Face Tee Dim. - "B"	Part #	Price
1.5"	1/8"	5.5"	740959	\$ 210
1.5"	1/4"	5.5"	740964	\$ 210
2.0"	1/8"	7.0"	740960	\$ 240
2.0"	1/4"	7.0"	740965	\$ 240
2.5"	1/8"	7.0"	740961	\$ 270
2.5"	1/4"	7.0"	740966	\$ 270
3.0"	1/8"	7.5"	740962	\$ 435
3.0"	1/4"	7.5"	740967	\$ 435
4.0"	1/8"	9.0"	740963	\$ 680
4.0"	1/4"	9.0"	740968	\$ 680
6.0"	1/8"	13.0"	110165	\$ 2,305
6.0"	1/4"	13.0"	110166	\$ 2,305

## Insert Only\*

Tri-clamp Fitting Size	Insert Length* "A"	Face to Face Tee Dim. "B"	Perf. Size	Part #	Price
1.5"	3.50"	5.5"	1/8"	740754	\$ 125
1.5"	3.50"	5.5"	1/4"	740759	\$ 125
2.0"	4.50"	7.0"	1/8"	740755	\$ 145
2.0"	4.50"	7.0"	1/4"	740760	\$ 145
2.5"	4.75"	7.0"	1/8"	740756	\$ 155
2.5"	4.75"	7.0"	1/4"	740761	\$ 155
3.0"	5.25"	7.5"	1/8"	740757	\$ 210
3.0"	5.25"	7.5"	1/4"	740762	\$ 210
4.0"	6.50"	9.0"	1/8"	740758	\$ 260
4.0"	6.50"	9.0"	1/4"	740763	\$ 260
6.0"	9.375"	13.0"	1/8"	740991	\$ 455
6.0"	9.375"	13.0"	1/4"	741035	\$ 455

## Standard Features

- 316L stainless steel construction
- Tri-clamp connection
- Six fitting sizes available
- Compact design to protect pumps
- Installed at the suction of a pump in a tee

## Options

- Choice of 1/4" or 1/8" perforations
- Insert alignment pin available
- Other fitting types available

## Complete Assembly

Tri-clamp Fitting Size	Perf. Size	Face to Face Tee Dim. - "B"	Part #	Price
1.5"	1/8"	5.5"	740974	\$ 210
1.5"	1/4"	5.5"	158599	\$ 210
2.0"	1/8"	7.0"	740975	\$ 240
2.0"	1/4"	7.0"	158663	\$ 240
2.5"	1/8"	7.0"	740976	\$ 270
2.5"	1/4"	7.0"	158672	\$ 270
3.0"	1/8"	7.5"	740977	\$ 435
3.0"	1/4"	7.5"	158682	\$ 435
4.0"	1/8"	9.0"	740978	\$ 680
4.0"	1/4"	9.0"	158689	\$ 680
6.0"	1/8"	13.0"	158705	\$ 2,305
6.0"	1/4"	13.0"	158708	\$ 2,305

## Insert Only\*

Tri-clamp Fitting Size	Insert Length* "A"	Face to Face Tee Dim. "B"	Perf. Size	Part #	Price
1.5"	3.50"	5.5"	1/8"	720527	\$ 125
1.5"	3.50"	5.5"	1/4"	158600	\$ 125
2.0"	4.50"	7.0"	1/8"	720528	\$ 145
2.0"	4.50"	7.0"	1/4"	158664	\$ 145
2.5"	4.75"	7.0"	1/8"	720529	\$ 155
2.5"	4.75"	7.0"	1/4"	158673	\$ 155
3.0"	5.25"	7.5"	1/8"	720530	\$ 210
3.0"	5.25"	7.5"	1/4"	158683	\$ 210
4.0"	6.50"	9.0"	1/8"	720531	\$ 260
4.0"	6.50"	9.0"	1/4"	158690	\$ 260
6.0"	9.375"	13.0"	1/8"	721283	\$ 455
6.0"	9.375"	13.0"	1/4"	158709	\$ 455

\* When a tee is not supplied by Sani-Matic, the customer is responsible for supplying the proper tee to match the insert length.

\* Inserts DO NOT include tee, gasket or clamps. Insert alignment pin available for an additional \$35.00.

# Increase Productivity and Dependability

Sani-Matic Y-Strainers produce reliable results with increased efficiency. Made in Wisconsin by our skilled craftsmen, they are built to the highest standard to deliver you optimum performance and value.

**A<sup>3</sup>** Sani-Matic's standard Y-Strainers are 3-A approved when using the perforated insert. If 3-A approval is required, your sales representative should be consulted to ensure the configuration meets all 3-A standards.

Engineered with a close-tolerance fitment at the base of the element (see *close-up at right*), Sani-Matic's Y-Strainer does not require an o-ring. Fewer parts mean faster, more effective cleaning as well as increased performance to save you time and money.

## Maximum Pressure Rating

Tri-Clamp	120 psi
Tubing	250 psi
Perforated Insert	125 psi
WedgeWire Insert	600 psi

## Standard Features

- 316L stainless steel construction throughout
- Five fitting sizes available
- Standard tri-clamp connections
- EPDM tri-clamp gaskets
- Close-tolerance fit eliminates O-ring
- Perforated or wedgeWire strainer inserts are interchangeable
- Sanitary finish (32Ra) – except wedgeWire element
- All welds color cleaned



## Options

- Wire mesh overlays for use with perforated insert
- Dual sightglass
- Additional finishes and elastomers available

## Complete Assembly - 4" Body - 0.7 ft<sup>2</sup> surface area

Assembly price includes strainer body, choice of insert, gasket and clamp

Port Size	Face-to-Face Dimension	Perforated Part #	Price	WedgeWire Part #	Price	Recommended Maximum GPM
1.5"	10"	y10015	\$ 1,320	y20015	\$ 1,320	80
2.0"	11"	y10020	\$ 1,350	y20020	\$ 1,350	120
2.5"	12"	y10025	\$ 1,370	y20025	\$ 1,370	180
3.0"	14"	y10030	\$ 1,400	y20030	\$ 1,400	240

Dual Sightglass available for an additional \$540

## Complete Assembly - 6" Body - 1.0 ft<sup>2</sup> surface area

4.0"	17"	y10040	\$ 1,980	y20040	\$ 1,980	500
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Dual Sightglass available for an additional \$540

Perforated Sizes: 1/8" or 1/4"



WedgeWire Sizes: 0.010", 0.015", 0.020", 0.030", 0.040", 0.060" & 0.188"



## Additional Options

Wire Mesh Overlay - 4" Body		
Mesh Count	Part #	Price
10 mesh	032867	\$ 90
20 mesh	032868	\$ 90
30 mesh	032869	\$ 90
40 mesh	032870	\$ 90
50 mesh	032871	\$ 90
60 mesh	032872	\$ 90
80 mesh	032873	\$ 90
100 mesh	032874	\$ 90
120 mesh	032875	\$ 90

Wire Mesh Overlay - 6" Body		
Mesh Count	Part #	Price
10 mesh	032876	\$ 95
20 mesh	032877	\$ 95
30 mesh	032878	\$ 95
40 mesh	032879	\$ 95
50 mesh	032880	\$ 95
60 mesh	032881	\$ 95
80 mesh	032882	\$ 95
100 mesh	032883	\$ 95
120 mesh	032884	\$ 95

\* Please note: Use of wire mesh overlay is NOT compliant with 3-A standards

# Y-Strainer Replacement Parts

## 1 Strainer Elements



Perforated Insert		
For 4" Body		
Size	Part #	Price
1/8"	700226	\$ 350
1/4"	240959	\$ 350
For 6" Body		
Size	Part #	Price
1/8"	700513	\$ 375
1/4"	700524	\$ 375



Wedgewire Insert				
For 4" Body			For 6" Body	
Size	Part #	Price	Part #	Price
0.010"	700232	\$ 350	700504	\$ 375
0.015"	700164	\$ 350	700505	\$ 375
0.020"	700234	\$ 350	700506	\$ 375
0.030"	700236	\$ 350	700507	\$ 375
0.040"	700238	\$ 350	700508	\$ 375
0.060"	700240	\$ 350	700509	\$ 375
0.188"	117417	\$ 350	N/A	N/A

## 2 Clamps



For 4" Body		For 6" Body	
Part #	Price	Part #	Price
020225	\$ 15	020976	\$ 41

## 3 Gasket Elastomers

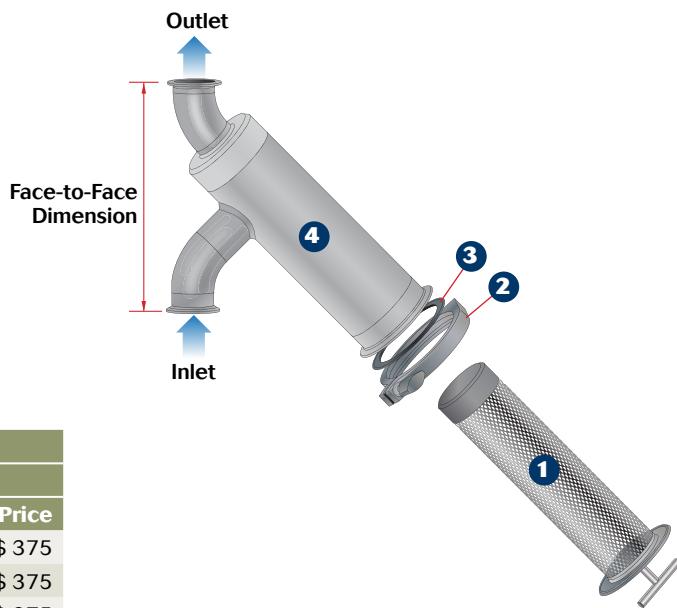


Material	For 4" Body		For 6" Body	
	Part #	Price	Part #	Price
Buna	020226	\$ 1	020263	\$ 8
EPDM (std)	021031	\$ 2	022975	\$ 10
Viton	020474	\$ 5	023847	\$ 22

## Cv Values for Y-Strainer

Insert size	Fitting Size			
	1.5"	2.0"	2.5"	3.0"
WW 0.002"	36	47	55	86
WW 0.005"	39	70	103	109
WW 0.010"	39	71	111	125
WW 0.015"	39	72	112	137
WW 0.020"	39	73	113	143
WW 0.030"	39	73	116	152
WW 0.040"	39	73	121	160
WW 0.060"	39	76	125	165
Perf. 1/8"	38	72	115	148
Perf. 1/4"	38	75	122	159

Pressure drop for 70° F water can be calculated using the following formula:  $PSID = (GPM/Cv)^2$



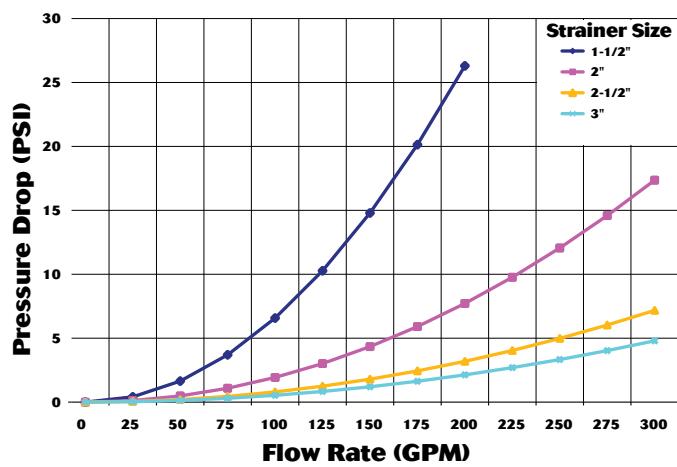
## 4 Strainer Body

Port Size	4" Body - Standard		4" Body - Sightglass	
	Part #	Price	Part #	Price
1.5"	700249	\$ 1,010	103786	\$ 1,550
2.0"	700243	\$ 1,040	103779	\$ 1,580
2.5"	700245	\$ 1,060	103801	\$ 1,600
3.0"	700247	\$ 1,090	103805	\$ 1,630
Port Size	6" Body - Standard		6" Body - Sightglass	
	Part #	Price	Part #	Price
4.0"	700471	\$ 1,540	103810	\$ 2,660

## 2.5" Acrylic Sightglass Replacement

Part #	Description	Price
021351	Single replacement glass	\$ 60

## Pressure Drop for Y-Strainer



Performance based on testing using 70° F water and 0.015" wedgewire element

# High Performance, Easy Assembly

Sani-Matic Basket Strainers are specially constructed to strain particulates out of a high volume process stream. The innovative, durable design includes a side-inlet, which allows you to easily remove the basket for cleaning without disconnecting the line.

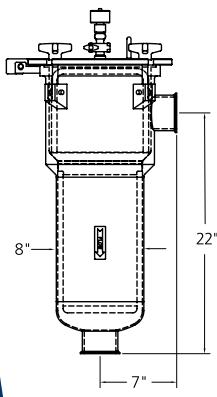
Our Basket Strainers can be equipped with either a wedgewire or perforated basket with a woven cloth insert bag for finer straining applications. Filter bags are available in a wide variety of media types and micron sizes, and are designed for easy removal.

**A** Sani-Matic's standard Basket Strainers are 3-A approved when using the perforated insert. If 3-A approval is required, your sales representative should be consulted to ensure the configuration meets all 3-A standards.



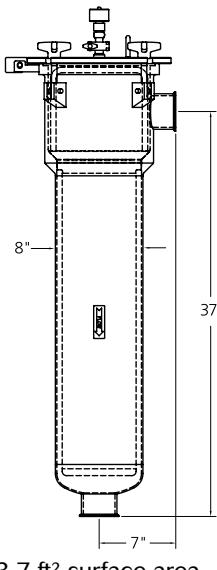
## Short Model

Approximate weight:  
110 lbs.



## Long Model

Approximate weight:  
130 lbs.



## Standard Features

- Cast and heavy gauge 316L stainless steel construction
- The lid and hand knob closure are rated for higher pressures than clamp-style covers for improved worker safety
- Quick release hand knobs and hinged lid remain attached for convenient operation
- Machined o-ring seat prevents any fluid bypass and improves reliability
- Air relief vent valve included with complete assembly
- Available in five fitting sizes
- Choose wedgewire or perforated strainer elements
- Rated to 100 psi maximum @ 200° F

## Options

- Disposable filter bags in various media types and sizes for perforated and wedgewire models with media clamp and ring
- Long and short strainer stands available
- Hot water jacket available - call for more info

## Complete Assembly with Perforated Strainer Element

(specify hole size when ordering: 1/8", 3/16" or 1/4")

Fitting Size	Part # - Short	Price	Part # - Long	Price	Recommended Maximum GPM
1.5"	<b>S10501</b>	\$ 5,815	<b>S10505</b>	\$ 6,365	80
2.0"	<b>S10502</b>	\$ 5,815	<b>S10506</b>	\$ 6,365	120
2.5"	<b>S10503</b>	\$ 5,815	<b>S10507</b>	\$ 6,365	180
3.0"	<b>S10504</b>	\$ 5,815	<b>S10508</b>	\$ 6,365	240
4.0"	<b>S10520</b>	\$ 5,815	<b>S10509</b>	\$ 6,365	300

## Complete Assembly with Wedgewire Strainer Element

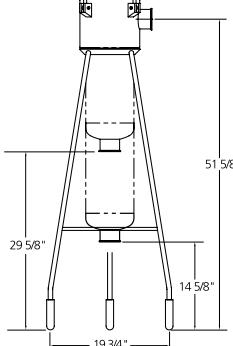
(specify hole size when ordering: 0.005", 0.015" or 0.030")

Fitting Size	Part # - Short	Price	Part # - Long	Price	Recommended Maximum GPM
1.5"	<b>S10510</b>	\$ 7,040	<b>S10515</b>	\$ 7,620	80
2.0"	<b>S10511</b>	\$ 7,040	<b>S10516</b>	\$ 7,620	120
2.5"	<b>S10512</b>	\$ 7,040	<b>S10517</b>	\$ 7,620	180
3.0"	<b>S10513</b>	\$ 7,040	<b>S10518</b>	\$ 7,620	240
4.0"	<b>S10514</b>	\$ 7,040	<b>S10519</b>	\$ 7,620	300

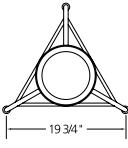
## Basket Strainer Accessories

### Strainer Stand

Description	Part #	Price
Long Model	<b>741065</b>	\$ 1,100
Short Model	<b>101998</b>	\$ 1,100



Side View



### Air Relief Vent Valve

Part #	Price
<b>021881</b>	\$ 580

Standard on all complete assembly units.  
1/2" connections

Air relief vent valve attachment point.



# Basket Strainer Replacement Parts

## Strainer Elements

Description	Short Model		Long Model	
	Part #	Price	Part #	Price
Perforated				
1/8" Holes	<b>741039</b>	\$ 950	<b>741052</b>	\$ 1,100
3/16" Holes	<b>741040</b>	\$ 950	<b>741053</b>	\$ 1,100
1/4" Holes	<b>741051</b>	\$ 950	<b>741054</b>	\$ 1,100
WedgeWire*	Part #	Price	Part #	Price
0.005"	<b>741022</b>	\$ 2,100	<b>741047</b>	\$ 2,300
0.015"	<b>741030</b>	\$ 2,100	<b>741048</b>	\$ 2,300
0.030"	<b>741046</b>	\$ 2,100	<b>741049</b>	\$ 2,300

\* Other sizes available - please call for quote

## Elastomers

Cover O-Ring	Part #	Price
EPDM (standard)	<b>021378</b>	\$ 35
Viton	<b>021144</b>	\$ 70
Element O-Ring	Part #	Price
EPDM (standard)	<b>021356</b>	\$ 40
Viton	<b>021143</b>	\$ 75
Vent Valve Gasket	Part #	Price
EPDM (standard)	<b>021037</b>	\$ 1
Viton	<b>021880</b>	\$ 3

Cover O-ring and Vent Valve Gasket not pictured

## Disposable Filter Media - 50 per Box

Micron	Material	Model	Old Part #	Part #	Price per box
1	Polypropylene	Short	S10550	<b>029244</b>	\$ 305
5	Polypropylene	Short	S10552	<b>029245</b>	\$ 230
10	Polypropylene	Short	S10554	<b>029246</b>	\$ 230
25	Polypropylene	Short	S10556	<b>029247</b>	\$ 230
50	Polypropylene	Short	S10558	<b>029237</b>	\$ 230
100	Polypropylene	Short	S10560	<b>029248</b>	\$ 260
150	Nylon	Short	S10562	<b>029249</b>	\$ 415
800	Nylon	Short	S10564	<b>029250</b>	\$ 415
1500	Polyester	Short	S10566	<b>029251</b>	\$ 385
1	Polypropylene	Long	S10551	<b>029252</b>	\$ 405
5	Polypropylene	Long	S10553	<b>029253</b>	\$ 325
10	Polypropylene	Long	S10555	<b>029254</b>	\$ 325
25	Polypropylene	Long	S10557	<b>029255</b>	\$ 325
50	Polypropylene	Long	S10559	<b>029256</b>	\$ 325
100	Polypropylene	Long	S10561	<b>029257</b>	\$ 325
150	Nylon	Long	S10563	<b>029259</b>	\$ 625
250	Nylon	Long	N/A	<b>026262</b>	Call
300	Nylon	Long	N/A	<b>024098</b>	Call
800	Nylon	Long	S10565	<b>029261</b>	\$ 515
1500	Polyester	Long	S10567	<b>029262</b>	\$ 475

\* All media types rated for 200° F

\* Please note: Nylon has poor compatibility with some acids and chlorine

## Media Clamp Parts

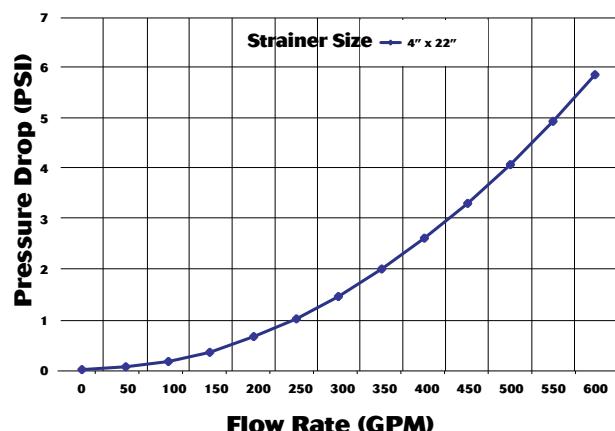
Description	Part #	Price
Clamp Ring	<b>641110</b>	\$ 240
Locking Latch	<b>621766</b>	\$ 25

## Cover Hold-down Parts

Description	Part #	Price
Threaded Knob	<b>021385</b>	\$ 39
Swing Bolt	<b>021381</b>	\$ 30
Clevis Pin	<b>021382</b>	\$ 5
Pin, Hair Pin	<b>021384</b>	\$ 1



## Pressure Drop for Basket Strainer



Performance based on testing using 70° F water and 4"x22" housing with 0.005" wedgewire element

# Spray Solutions for Your Unique Needs

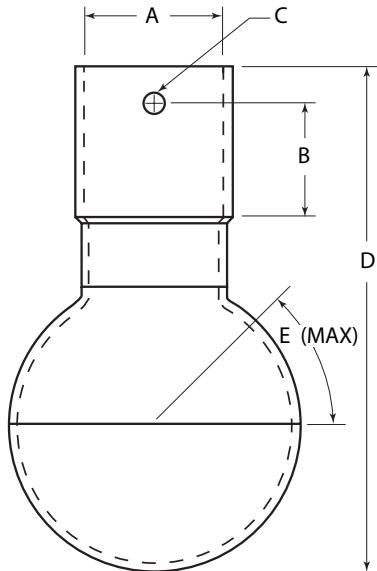
Sani-Matic has decades of experience in spray technology for the Food and Beverage industries. We will evaluate your application needs to design and manufacture a spray solution with appropriate flows, pressures and spray patterns to ensure efficient and dependable cleaning for your specific process equipment.

**A<sub>3</sub>** Sani-Matic is 3-A approved for its standard spray ball design when used with a wrap around clip. When considering a special spray ball, there is the possibility that the spray ball will not conform to 3-A requirements. If a special 3-A approved spray ball is required, your sales representative should be consulted.



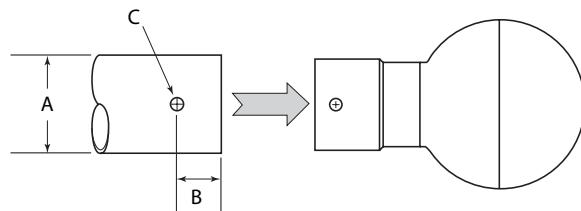
## Spray Ball Dimensions

Ball Diameter	A	B	C	D	E
4.0"	Ø 2"	1"	Ø 13/64"	5 31/32"	55°
	Ø 1 1/2"	11/16"	Ø 13/64"	5 3/4"	62°
	Ø 1"	3/8"	Ø 9/64"	5 3/8"	70°
3.0"	Ø 2"	1"	Ø 13/64"	4 13/16"	45°
	Ø 1 1/2"	11/16"	Ø 13/64"	4 25/32"	55°
	Ø 1"	3/8"	Ø 9/64"	4 11/32"	67°
2.5"	Ø 1 1/2"	11/16"	Ø 13/64"	4 1/4"	48°
	Ø 1"	3/8"	Ø 9/64"	3 27/32"	62°
2.0"	Ø 1"	3/8"	Ø 9/64"	3 5/16"	57°
	Ø 3/4"	1/4"	Ø 9/64"	3 3/32"	62°
1.5"	Ø 1"	3/8"	Ø 9/64"	2 25/32"	41°
	Ø 3/4"	1/4"	Ø 9/64"	2 17/32"	55°
	Ø 1/2"	3/16"	Ø 5/65"	2 9/16"	63°
1.25"	Ø 3/4"	1/4"	Ø 9/64"	2 1/4"	45°
	Ø 1/2"	3/16"	Ø 5/64"	2 5/16"	57°



## Solution tube pin hole location for proper fit with spray ball

Tube A	Distance B	Drill Diameter C
1/2"	3/16"	5/64"
3/4"	3/16"	9/64"
1"	5/16"	9/64"
1 1/2"	11/16"	13/64"
2"	15/16"	13/64"



## Stock Spray Balls



Model #	Old Part #	Part #	Price
SB-1-2.5-1.5-SC-40GPM-25PSI-32Ra	320036	<b>128271</b>	\$ 244
SB-2-4.0-1.5-SC-40GPM-25PSI-32Ra	340352	<b>128272</b>	\$ 244
SB-5-4.0-1.5-SC-40GPM-25PSI-32Ra	340012	<b>128273</b>	\$ 244
SB-5-3.0-1.5-SC-40GPM-25PSI-32Ra	340034	<b>128274</b>	\$ 244
SB-5-2.5-1.5-SC-40GPM-25PSI-32Ra	320058	<b>128275</b>	\$ 244
SB-5-2.0-1.0-SC-40GPM-25PSI-32Ra	320561	<b>128276</b>	\$ 244

## Stock Spray Clips

Model #	Part #	Price
HAIR PIN CLIP FOR 0.50" SC *	<b>321443</b>	\$ 11
WRAP AROUND CLIP FOR 0.75" SC	<b>321554</b>	\$ 21
WRAP AROUND CLIP FOR 1.00" SC	<b>321555</b>	\$ 21
WRAP AROUND CLIP FOR 1.50" SC	<b>321556</b>	\$ 21
WRAP AROUND CLIP FOR 2.00" SC	<b>321557</b>	\$ 21
WRAP AROUND CLIP FOR 3.00" SC	<b>322559</b>	\$ 21
4" HAIR PIN CLIP *	<b>321962</b>	\$ 21
WRAP AROUND CLIP FOR 4.00" SC	<b>321647</b>	\$ 39

\* Does not conform to 3-A standard

## Custom Spray Ball Nomenclature



Selection	Option	Description	Price
<b>1 Drill Pattern</b>	0	No holes - <b>Voids 3A</b>	-\$ 84
	1	180° Up - Vertical Mount	\$ 0
	2	180° Up - Double Ball (each ball)	\$ 0
	3	Special Spray Pattern (diagram req'd)	\$ 0
	4	180° Down - Vertical Mount	\$ 0
	5	360° Full Coverage	\$ 0
	6	180° Up - Horizontal Mount	\$ 0
<b>2 Ball Diameter</b>	1.25	1.25"	\$ 279
	1.5	1.50"	\$ 279
	2.0	2.00"	\$ 279
	2.5	2.50"	\$ 279
	3.0	3.00"	\$ 279
	4.0	4.00"	\$ 284
<b>3 Connection Size</b>	0.50"	0.50" - 12 GPM* (max. flow)	\$ 0
	0.75"	0.75" - 25 GPM (max. flow)	\$ 0
	1.00"	1.00" - 40 GPM (max. flow)	\$ 0
	1.50"	1.50" - 100 GPM (max. flow)	\$ 0
	2.00"	2.00" - 240 GPM (max. flow)	\$ 0
	2.50"	2.50" - 400 GPM (max. flow)	\$ 0
<b>4 Connection Style</b>	SC	Slip Collar (standard)	\$ 0
	BW	Butt Weld	\$ 0
	FL	Flare (no connection)	-\$ 47
	TC	Tri-Clamp	\$ 20
	HC	Half Coupling* (FNPT)	\$ 30
	PN	Pipe Nipple* (MNPT)	\$ 30
<b>5 Flow (GPM) **see Connection Size</b>	40	40 GPM (standard)	\$ 0
	0	0 GPM (no holes)	\$ 0
	Custom	Enter GPM (maximum 400 GPM)	\$ 0
<b>6 Pressure (PSI)</b>	25	25 PSI (standard)	\$ 0
	0	0 PSI (no holes)	\$ 0
	Custom	Enter PSI (maximum 70 PSI)	\$ 0
<b>7 Finish (Ra)</b>	32	32 Ra/150 Grit (standard)	\$ 0
	25	25 Ra/180 Grit	\$ 70
	15-20	15-20 Ra/240 Grit	\$ 90
	9-11	9-11 Ra/320 Grit	\$ 120
<b>8 Finish Option (EP)</b>	EP	Electropolish (added to any finish)	\$ 120

\* Does not conform to 3-A standard

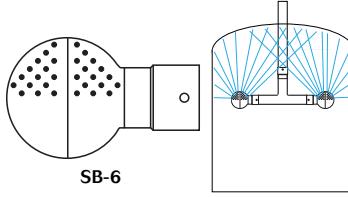
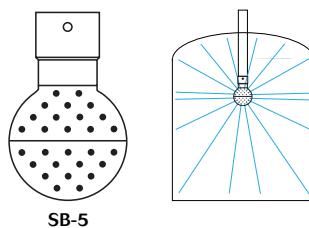
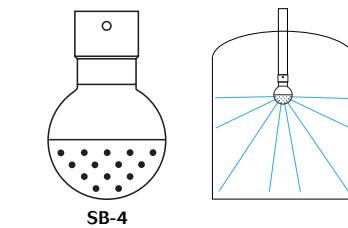
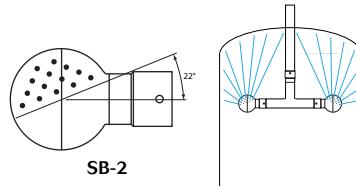
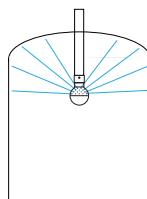
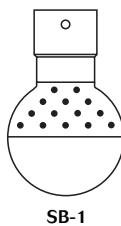
Material Certification is available for an additional \$50 per order.

Please ask your sales representative for more information.

Hastelloy and AL6XN material options are available for some spray balls.

Please ask your sales representative for more information.

## Spray Ball Patterns



## Calculate recommended minimum flow rate for cleaning of vertical process vessels:

Enter tank diameter (D) in feet = \_\_\_\_\_  
 Spray Ball GPM = \_\_\_\_\_  
 (9.5 x tank diameter in feet)

A minimum flow rate of 3 gallons/minute-foot(tank circumference) is required to produce turbulent flow of solution down vessel walls.

# Place Your Spray Ball in the Perfect Location for Maximum Cleaning

**A<sub>3</sub>** Sani-Matic is 3-A approved for its standard supply tube design. When considering a different supply tube, there is the possibility that it will not conform to 3-A requirements. If 3-A approval is required, your sales representative should be consulted.

## Features and Special Notes

- 316L stainless steel
- Custom supply tubes require one to two weeks lead time
- Material Certification is an additional \$50 per order – please ask your sales representative for more information
- For Spray Ball options, please see Spray Balls on pages 14 and 15

## Supply Tubes

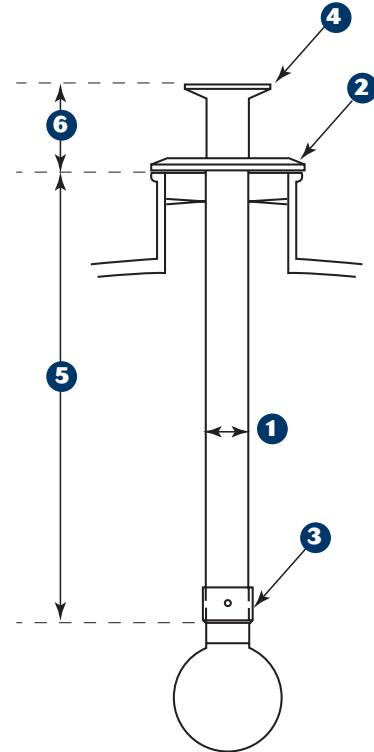
### Custom Supply Tube Nomenclature



Selection	Option	Description	Price
<b>1</b> Tube Diameter	0.5	0.50"	\$ 90
	0.75	0.75"	\$ 90
	1.0	1.00"	\$ 100
	1.5*	1.50"	\$ 100
	2.0	2.00"	\$ 125
	2.5	2.50"	\$ 150
	3.0	3.00"	\$ 175
<b>2</b> Tank Connection	0	none	\$ 0
	1.5	1.50" End Cap Tri-Clamp	\$ 210
	2.0	2.00" End Cap Tri-Clamp	\$ 215
	2.5	2.50" End Cap Tri-Clamp	\$ 215
	3.0	3.00" End Cap Tri-Clamp	\$ 220
	4.0	4.00" End Cap Tri-Clamp	\$ 230
	6.0	6.00" End Cap Tri-Clamp	\$ 300
<b>3</b> Internal Connection	SC	Slip Collar (standard)	\$ 0
	BW	Butt Weld	\$ 0
	TC	Tri-Clamp	\$ 20
	HC	Half Coupling*	\$ 30
<b>4</b> Connection	TC	Tri-Clamp Ferrule (standard)	\$ 20
	BW	Butt Weld	\$ 0
	SC	Slip Collar	\$ 20
	HC	Half Coupling*	\$ 30
<b>5</b> Internal Length	(enter Length in inches)		\$ 1 per inch
<b>6</b> External Length	S	If End Cap is used in <b>2</b> , standard length of 1 11/16" is included (S)	\$ 0
	(Length in inches)	If no End Cap is used in <b>2</b> , measure this length (enter length)	\$ 1 per inch
<b>7</b> Finish (Ra)	32	32 Ra/150 Grit (standard)	\$ 0
	25	25 Ra/180 Grit	\$ 70
	15-20	15-20 Ra/240 Grit	\$ 90
	9-11	9-11 RA/320 Grit	\$ 120
<b>8</b> Finish Option (EP)	EP	Electropolish (added to any finish)	\$ 120

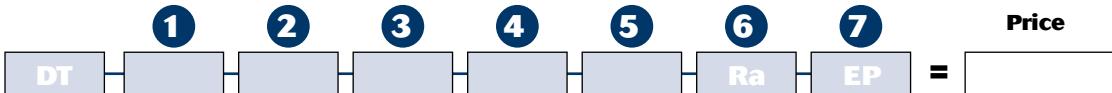
\* Does not conform to 3-A standard

Material Certification is available for an additional \$50 per order.  
Please ask your sales representative for more information.



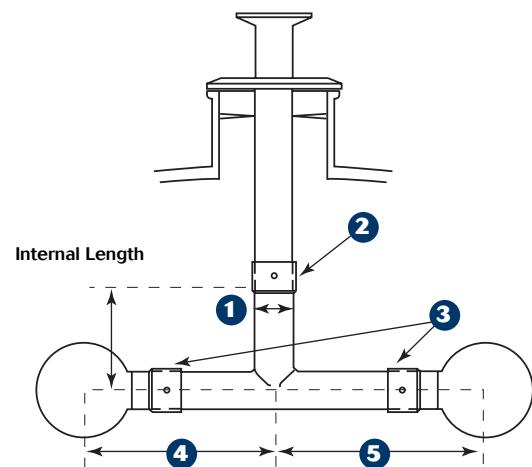
# Double Ball Tee

## Custom Double Ball Tee Nomenclature



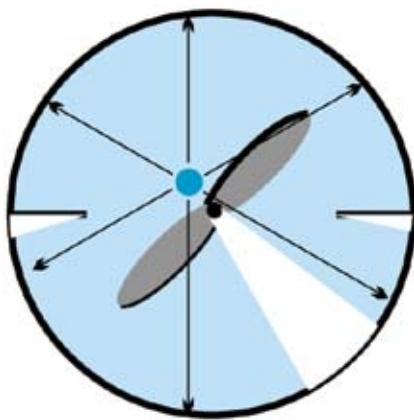
Selection	Option	Description	Price	Tube Diameter (Selection 1)	Standard Internal Length
<b>1</b> Tube Diameter	0.75	0.75"	\$ 265	0.75"	0.84" or 27/32"
	1.0	1.00"	\$ 265	1.0"	1.69" or 1 11/16"
	1.5	1.50"	\$ 265	1.5"	2.41" or 2 13/32"
	2.0	2.00"	\$ 295	2.0"	2.66" or 2 5/32"
<b>2</b> Connection	SC	Slip Collar (standard)	\$ 0		
	BW	Butt Weld	\$ 0		
	TC	Tri-Clamp	\$ 20		
<b>3</b> Ball Connection	SC	Slip Collar (standard)	\$ 20		
	BW	Butt Weld	\$ 0		
<b>4</b> Leg Length	(enter Length in inches)		\$ 1 per inch		
<b>5</b> Leg Length	(enter Length in inches)		\$ 1 per inch		
<b>6</b> Finish (Ra)	32	32 Ra/150 Grit (standard)	\$ 0		
	25	25 Ra/180 Grit	\$ 70		
	15-20	15-20 Ra/240 Grit	\$ 100		
	9-11	9-11 Ra/320 Grit	\$ 125		
<b>7</b> Finish Option (EP)	EP	Electropolish (added to any finish)	\$ 120		

Material Certification is available for an additional \$50 per order.  
Please ask your sales representative for more information.



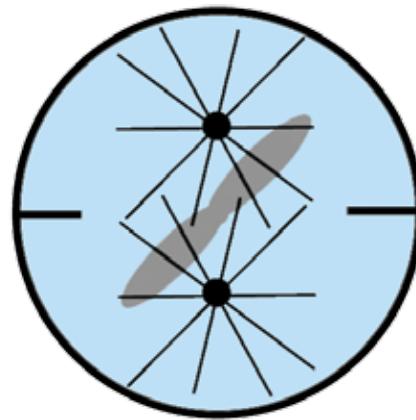
## Single Ball Supply Tube vs. Double Ball Tee Attachment

A properly sized single spray ball with the correct spray pattern provides the necessary cleaning coverage for many tanks. However, for tanks with baffles or agitators, a "shadowing" effect occurs within the tank. The diagrams below show how a double ball tee attachment overcomes this problem to provide complete cleaning coverage. Your sales associate can assist you with the proper selection.



### Shadowing

This top view of a tank with baffles and agitator shows the "shadowing" of spray due to obstructions within the tank.



### Double Ball Placement

Multiple spray sources are needed to compensate for the shadowing effect to provide complete spray coverage.

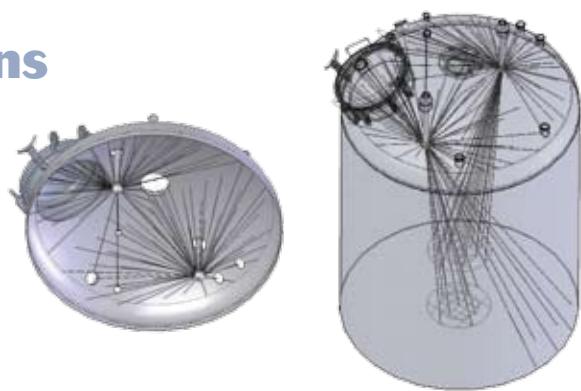
# Spray Balls for your Pharmaceutical, Biotech or Personal Care Tanks

## Custom Engineered Solutions

Utilizing the latest technology, Sani-Matic creates a 3D model of your process vessels. This allows us to engineer the most effective static spray device and drill pattern to ensure proper coverage of all ports and surfaces. With decades of experience in spray technology and Bio-Pharm CIP applications, the Sani-Matic team understands the spray dynamics required to ensure proper flow rates, pressures and geometries.

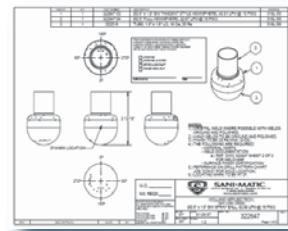


- Custom engineered in 3D
- Precision drilled
- Pass Riboflavin testing the first time
- Documented for future replacement



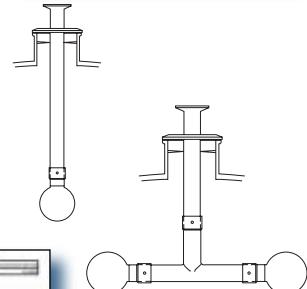
## Precision Drilled Spray Balls and Custom Supply Tubes

Once the spray pattern and design have been determined, Sani-Matic will manufacture the spray balls and supply tubes to deliver the solution. Orbital welding of the spray balls and custom patterns drilled with a CNC machine provide repeatable and consistent patterns.



Sanitary tube welds use orbital welding wherever possible. All product contact welds are ground and polished to meet your interior finish requirements.

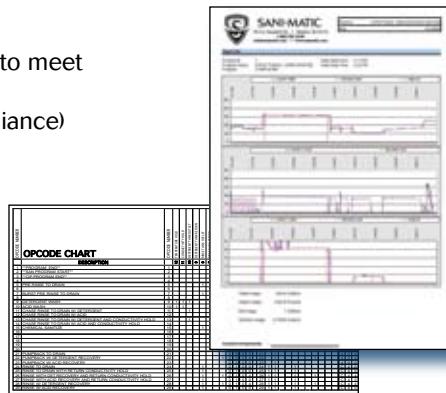
Orbital welds are boroscope inspected to meet ASME-BPE standards.



## Documentation

Sani-Matic provides complete documentation designed to meet your validation requirements, which include:

- Material Certificates (i.e., MTR's and letters of compliance)
- Weld qualification, log and inspection reports
- Weld maps
- Mechanical polishing procedures
- Electropolishing procedures and certifications
- Surface finish certification
- General and subassembly as-built drawings
- Spray pattern layout with degrees and angles
- Weld procedures



## Call Today to Find Your Custom Solution

With over 65 years of cleaning experience, Sani-Matic is ready to review your cleaning needs and guide you through our state-of-the-art 3D modeling process to provide you with a custom solution.

To begin your order, please be ready to supply us with the following information:

- Tank drawings - please indicate agitators, dip-tubes, anti-foams and spray ball connections
- Available CIP flow and pressure
- Surface finish requirements

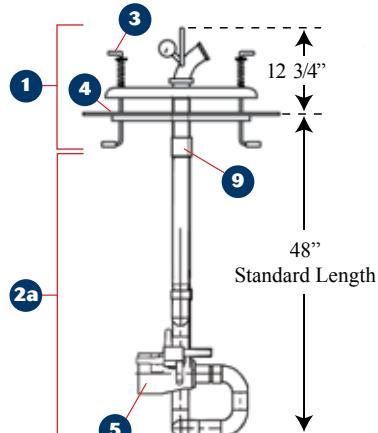
# Drop-In Tanker Spray Wash Options



## Model TS-5

Drop-in style washer is ideal for tanks up to 55' in length. The unique S-shaped manifold combines with the rotary spray device to allow for 360° spray coverage, allowing direct impingement of the cleaning solution to the entire tank. The spray coverage focuses on the end of the tanker - saving water, chemicals, and time.  
74 gpm @ 60 psi  
Connection Size: 2"  
Approximate Weight: 70 lbs.

Part #	Price
138893 (complete tri-clamp assembly)	\$ 7,312
144213 (complete bevel seat assembly)	\$ 7,312



**Model TS-5**



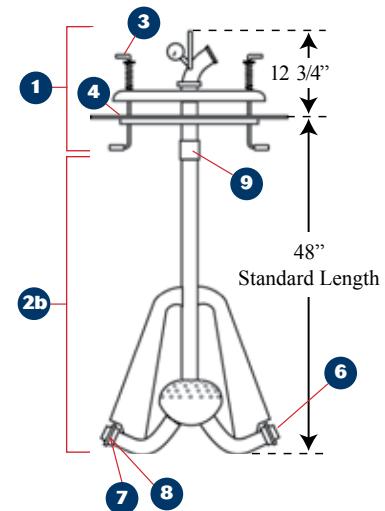
## Model TS-4

Drop-in style washer for up to 44' tanker. TS-4 features a center spray ball for top spray pattern and two multi-bore jet nozzles for tank end washing. The vented manhole cover has a bail handle and two hold downs with gasket.  
120 gpm @ 55 psi  
Connection Size: 2"  
Approximate Weight: 50 lbs.

Part #	Price
S10090 (complete assembly)	\$ 2,289

## Replacement Parts List

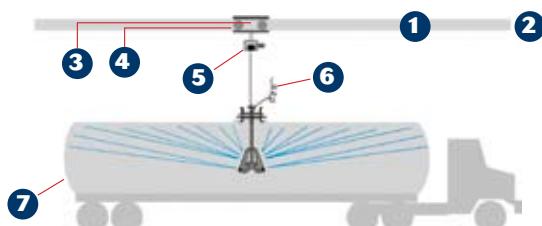
Description	Part #	Price
1 Top only	360004	\$ 887
2a Bottom only - TS5 ( <i>no spray</i> )	138890	\$ 1,100
2b Bottom only - TS4	360075	\$ 1,407
3 Arm/Spring Assy (set of 2)	S10093	\$ 173
4 Manway Gasket (neoprene)	320053	\$ 76
5 M20 Spray	038634	\$ 5,325
6 Nozzle	321793	\$ 81
7 Nozzle Gasket	020455	\$ 7
8 Nozzle Clamp	020473	\$ 30
9 Clip	320068	\$ 20



**Model TS-4**

## Optional Equipment for Drop-In Handling

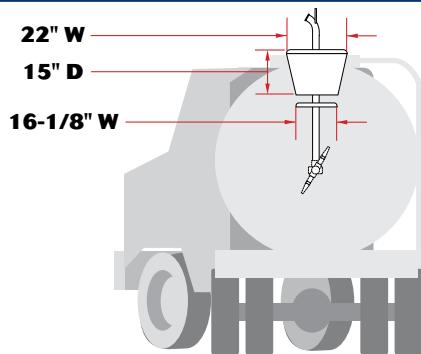
Item	Description	Part #	Price
1 Rail	4" I-beam, hanger, carbon steel primed	000522	\$ 35/foot
2 Turns	90° / 48° radius bend, prime coated	S18780	\$ 814
3 Carrier	Rolling carrier, adjustable I-Beam fit	020231	\$ 185
4 Balancer	Operate @ 55 - 70lbs.	020766	\$ 1,558
5 Electric Hoist	1/6 HP, 300lb capacity	021047	\$ 945
6 CIP Hose	Tri-clamp discharge hose (2")	032757	\$ 842
7 CIP Hose	Tri-clamp suction hose (2")	021128	\$ 1,120



## Tapered Manway Assembly

For use with "rotating" spray heads. Used in applications where high impingement cleaning is required to remove heavy product residue.

Part #	Price
360115	\$ 2,205



# A Variety of Accessories, For a Variety of Needs

From parts handling equipment designed to carry, transfer and store parts to components to complete your CIP installation, Sani-Matic offers a wide variety of standard and custom items.

## Table Cart – Model 133

This light-duty, portable table is intended for holding disassembled parts and/or baskets with these parts.

Material: 304 stainless steel, 14 gauge

Dimensions: 34”L x 22”W x 32”H

Part #	Price
460006	\$ 995



Table Cart – Model 133

## Stainless Steel Tables

These sturdy, durable tables can be used for a variety of purposes. All seams and joints are welded, and the adjustable feet allow for easy leveling. Options include a 6” backsplash that is removable and a lower shelf for added storage.

Material: 304 stainless steel, 14 gauge (*Lower Shelf is 16 gauge*)

Height: 32” (*adjustable to between 31” and 34”*)



Stainless Steel Table – 315-1218

Standard Table			
Table Size	Weight	Part #	Price
24” x 4’	61 lbs.	040742	\$ 771
24” x 6’	81 lbs.	040743	\$ 1,006
30” x 6’	92 lbs.	040744	\$ 1,126
30” x 8’	123 lbs.	040745	\$ 1,491

Table with Lower Shelf			
Table Size	Weight	Part #	Price
24” x 4’	70 lbs.	040750	\$ 893
24” x 6’	97 lbs.	040751	\$ 1,211
30” x 6’	113 lbs.	040752	\$ 1,397
30” x 8’	152 lbs.	040753	\$ 1,843

Standard Table with Backsplash			
Table Size	Weight	Part #	Price
24” x 4’	68 lbs.	040746	\$ 812
24” x 6’	91 lbs.	040747	\$ 1,072
30” x 6’	101 lbs.	040748	\$ 1,188
30” x 8’	136 lbs.	040749	\$ 1,572

Table with Lower Shelf and Backsplash			
Table Size	Weight	Part #	Price
24” x 4’	78 lbs.	040754	\$ 939
24” x 6’	108 lbs.	040755	\$ 1,261
30” x 6’	123 lbs.	040756	\$ 1,433
30” x 8’	165 lbs.	040757	\$ 1,889

## Porta-Tank – Model 138

The Model 138 is a portable 25 gallon wash tank.

Material: 304 stainless steel, 22 gauge

Tank Dimensions: 29”L x 18”W x 13.5”D

Overall Dimensions: 33”L x 30.5”W x 34.25”H

Description	Part #	Price
With bottom tray, back tray and casters (pictured)	480007	\$ 1,145
Without back tray (deduct from standard price)	460077	-\$ 111



Porta-Tank – Model 138

## Hose Racks

Stainless steel hose racks provide a convenient way to store hoses at cleaning stations and COP tanks. They are available in two styles.

Model #	Description	Part #	Price
201A	5” x 12” backing plate	740017	\$ 140
201B	mounting holes at each end	740684	\$ 83



Model 201A



Model 201B

## Model 5B Can Washer

An epoxy coated pedestal mounted can washer with a 25" diameter bowl with support spokes and a rotary spray nozzle for 210° coverage.

**Dimensions:** 29"H x 29" outer diameter

**Utilities required:** water at 15 psi (30-50 recommended);  
1 1/2 NPT connections

Part #	Price
034279	\$ 3574



## Can Washer Options:

Description	Part #	Price
Fountain Brush Attachment	037587	\$ 597
DEMA Chemical Injector Assembly	720706	\$ 640
Can Hold Down Assembly	107898	TBA

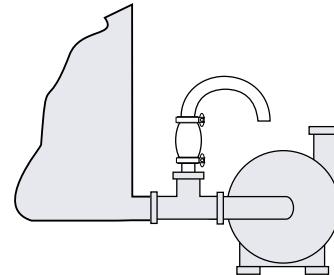
## Sanitary Air Eliminator

The air eliminator is installed at the suction of a CIP return pump. The purpose is to remove air from CIP return solution and prevent air lock in a centrifugal pump. If the pump is used during processing to transfer product, the air eliminator is usually removed and the port is capped.

**Material:** 316 stainless steel

Size	Part #	Price
1.5"	740636	\$ 322
2.0"	740637	\$ 327
2.5"	740638	\$ 358
3.0"	740639	\$ 374
4.0"	740640	\$ 389

Replacement Parts	Part #	Price
1" Gasket	020388	\$ 2
Plastic Ball (1.25")	020280	\$ 11



## CIP Return Pump Air Vent

The return pump air vent is installed to expel air. This avoids cavitation and air lock that can cause wash program disruption. Ball valve shut-off available, please call for pricing.

**Material:** 304 stainless steel, 1/4" I.P. thread

Part #	Price
720001	\$ 206



## Flow-Verter Panels

Reduce piping and valve costs by creating multi-port flow selector stations with a Sani-Matic flow-verter panel.

Three styles are available for each: round, rectangular and square. Please call a Sani-Matic sales associate for pricing.



## In-Tank Steam Mixer/Sparger

The purpose of a steam mixer/sparger is to effectively mix steam with water in the tank to reduce noise and maximize the heating capacity. Steam mixers/spargers are attached to either in-tank piping or a coupling that is mounted through the sidewall of a tank.

Sizing is determined by the steam valve through which steam is delivered.

**Material:** 316 stainless steel

**Connection type:** MNPT threaded connection

Connection Size	Length	Part #	Price
0.5"	9.75"	741162	\$ 325
0.75"	9.81"	740859	\$ 325
1.0"	7.00"	741137	\$ 325
1.25"	7.00"	640842	\$ 325
1.5"	9.00"	540042	\$ 325



*Please note: Maximum pressure for Mixer/Sparger is determined by the incoming connection line.*

## Steam Regulator Valve

The steam regulator automatically controls the temperature of your cleaning unit without the use of external power. With a vapor pressure thermal system, the steam regulator senses temperature change and positions the valve plug to regulate the heating or cooling medium to maintain a desired temperature.

**Material:** Brass

**Connections:** FNPT

Connection Size	Part #	Price
0.5"	020494	\$ 900
0.75"	020495	\$ 1,000
1.0"	020506	\$ 1,168



## Thermowell for Steam Regulator Thermal Bulb (not pictured)

**Materials:** Tube - 321 Stainless Steel, 10.5" long, 1.0 MNPT

Fitting - Brass

Part #	Price
120002	\$ 95

## Electric Immersion Heater

Manual Thermostat, 3" Tri-Clamp,

Nema 4x Head, 50° - 250°F, 460 VAC

Connection Size	Part #	Price
7.5 KW	023997	\$ 1,597
9.0 KW	029529	\$ 1,607
12.0 KW	024296	\$ 1,617



*Additional voltages and sizes available upon request*

## Level Probe

The three point level probe maintains the correct solution levels in a tank. 2" tri-clamp connection for mounting on the top of each tank. Lumenite level controls are mounted in the control panel.

Part #	Price
220293	\$ 237



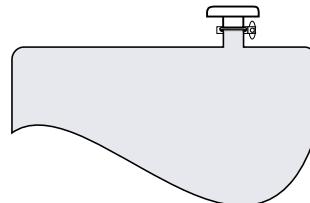
*For replacement level probes, please measure the lengths of existing model.  
All probes are cut to length.*

## Mushroom-Style Air Vent

These vents are constructed with a solid radiused and panned top. The underside portion is constructed with 1/8" perforated material. The vents may be installed on CIP tanks to prevent extraneous material from entering the tank.

**Material:** 316L stainless steel

Description	Part#	Price
1.5" Tri-Clamp	<b>740828</b>	\$ 220
2.0" Tri-Clamp	<b>740829</b>	\$ 250
2.5" Tri-Clamp	<b>740830</b>	\$ 406
3.0" Tri-Clamp	<b>740831</b>	\$ 411
4.0" Tri-Clamp	<b>740832</b>	\$ 426
6.0" Tri-Clamp	<b>741502</b>	\$ 707



## Anti-Siphon

The anti-siphon eliminates the siphoning of water from the tank back into the process water.

**Material:** 316 stainless steel

**Height (face-to-face dimension):** 3 3/4"

Tank Connection	Tube Adapter	Flow Capacity	Part #	Price
3.0" Tri-Clamp	1.5" Tri-Clamp	100 gpm	<b>123416</b>	\$ 217
3.0" Tri-Clamp	2.0" Tri-Clamp	240 gpm	<b>129208</b>	\$ 237



## Orifice Plates

These flow restrictors come with a 1/8" pilot hole, but can be drilled to your specifications. Available in EPDM or Viton.

Connection Size	Material	Part #	Price
1.5" Tri-Clamp	EPDM	<b>022074</b>	\$ 26
1.5" Tri-Clamp	Viton	<b>030118</b>	\$ 36
2.0" Tri-Clamp	EPDM	<b>022186</b>	\$ 28
2.0" Tri-Clamp	Viton	<b>030958</b>	\$ 38
2.5" Tri-Clamp	EPDM	<b>023924</b>	\$ 45
2.5" Tri-Clamp	Viton	<b>031776</b>	\$ 55
3.0" Tri-Clamp	EPDM	<b>024136</b>	\$ 46



## In-Line Strainer Alternative

The Sani-Clean strainer is a direct replacement for a tri-clover style strainer. Constructed with 316L stainless steel, this high quality alternative gives you a choice for your in-line strainer needs.

Wire mesh overscreens with longitudinal seams fit over the heavy gauge perforated cores to ensure a consistent diameter for the full length of the cylinder. Hemmed seams are tacked in place to provide a finished smooth edge.

Call one of our knowledgeable sales associates today for pricing and availability.





Clean out of Place

Looking for an efficient and dependable alternative to labor intensive, unreliable manual cleaning?

Each Sani-Matic COP Washer comes with our exclusive sanitary jets designed to create consistent, high-velocity turbulence to increase agitation - effectively and efficiently removing product residue from piping, hoses and disassembled machine parts.



## RW-6 Model

- 24"W x 22"D x 72"L
- 304L stainless steel construction
- In-tank direct steam injection for heating
- Sanitary centrifugal supply pump
- exclusive jet manifolds - available with side only or side and end jets

Jet Manifold	Model #	Price
Side Only	102023	\$9,800
Side and End	102036	\$12,300

### Utility Requirements

- Electric Pump (15 FLA) – 230 VAC/3 Ph/60 Hz
- Electric Pump (7.5 FLA) – 460 VAC/3 Ph/60 Hz
- Water – 140 gallons @ 55°F
- Steam – 436 lbs/hr @ 50 psi



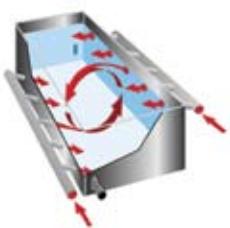
## RW-8 Model

- 24"W x 22"D x 96)L
- 304L stainless steel construction
- In-tank direct steam injection for heating
- Sanitary centrifugal supply pump
- exclusive jet manifolds - available with side only or side and end jets

Jet Manifold	Model #	Price
Side Only	102048	\$11,500
Side and End	102058	\$13,800

### Utility Requirements

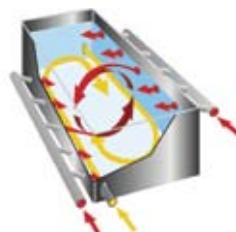
- Electric Pump (22 FLA) – 230 VAC/3 Ph/60 Hz
- Electric Pump (11 FLA) – 460 VAC/3 Ph/60 Hz
- Water – 185 gallons @ 55°F
- Steam – 576 lbs/hr @ 50 psi



**Side Jets Only**

**Angled Side Jets** create circular turbulent flow from side to side for maximum cleaning efficiency.

**End Jets** create turbulent flow lengthwise that is ideal for cleaning piping and hoses.



**Side and End Jets**



**Exclusive  
Sanitary Jet  
Design**

**Standard Shipping within 1-2 weeks! Call today!**

## Standard Options

When you purchase a Standard RW-6 or RW-8 COP, the following options are available for installation prior to delivery.

### Electric Motor Starter

NEMA 4X, stainless steel enclosure UL-508

Part #	COP Model	VAC	Price
832091	RW-6	230	\$ 2,000
830192	RW-6	460	\$ 1,950
830992	RW-8	230	\$ 2,100
830195	RW-8	460	\$ 2,050



### COP Cover

Hinged sanitary cover assembly to ease opening and closing

**Material:** 304L stainless steel

Part #	COP Model	Price
146143	RW-6	\$ 1,600
137201	RW-8	\$ 1,750



### Heavy Duty Casters

Add flexibility to your COP Washer, sold in sets of 4

**Material:** 304L stainless steel

Part #	Price
037732	\$ 920



### Removable End Drain Table

End mounted drain table to place parts for drying or re-assembly

**Material:** 304L stainless steel

Part #	Price
144416	\$ 480





# After-Market Options

Clean out of Place

The following options are available to enhance your previously purchased COP system.

Please consult your Sani-Matic salesperson about installation recommendations and options.

## Electric Motor Starter

NEMA 4X, stainless steel enclosure UL-508

Part #	COP Model	VAC	Price
832091a	RW-6	230	\$ 1,800
830192a	RW-6	460	\$ 1,750
830992a	RW-8	230	\$ 1,900
830195a	RW-8	460	\$ 1,850



## Heavy Duty Casters

Add flexibility to your COP Washer,  
sold in sets of 4

Material: 304L stainless steel

Part #	Price
037732a	\$ 730



## COP Cover

Hinged sanitary cover assembly  
to ease opening and closing

Material: 304L stainless steel

Part #	COP Model	Price
146143a	RW-6	\$ 1,390
137201a	RW-8	\$ 1,540



## Removable End Drain Table

End mounted drain table to place parts  
for drying or re-assembly

Material: 304L stainless steel

Part #	Price
144416	\$ 480



## Standard Baskets

Sani-Matic COP Baskets allow workers to handle valuable components with ease and safety. These baskets allow for thorough cleaning while reducing damage and lost parts. Call today to find the right basket sized for your specific needs.

**All Standard Baskets are available for immediate delivery!**



**URWB-1**  
19" x 15" x 3.5"



**URWB-2**  
19.75" x 15" x 4"



**URWB-5**  
12" x 6" x 10"



**URWB-6**  
22" x 10.5" x 10"



**URWB-7**  
22" x 22" x 18"

Part #	Price
460030	\$ 255

Part #	Price
020132	\$ 155

Part #	Price
020139	\$ 255

Part #	Price
020136	\$ 190

Part #	Price
440021	\$ 415

## X-Stream Portable RFS Unit

- Boost pressure for rinsing, creating and applying foam and dose sanitizer reliably and easily
- Flexible for infrequent cleaning applications, or in areas without available piping installed
- On-board chemical injection and air compressor: just connect 480V power and water source at remote locations



Model #	Description	Price
0650012	Single Pressure @ 300 psi	\$ 12,200
0650013	Dual Pressure @ 300 or 600 psi	\$ 18,200

## Hose Options

Length	Maximum Pressure	Material	Part #	Price
60'	725 PSI	Topflex	025152	\$ 260
75'	725 PSI	Topflex	025153	\$ 350
90'	725 PSI	Topflex	025154	\$ 400

## Sprayguns and Nozzles

Description	Material	Part #	Price
Ergonomic Handgun, 650 PSI	N/A	025155	\$ 340
30" Spray Extension	N/A	028152	\$ 122
Rinse Nozzle, Quick Connect	304 SS	025160	\$ 70
Foam Nozzle, Quick Connect	304 SS	025161	\$ 100
Foam Nozzle, Quick Connect	Brass	025162	\$ 60
Sanitizer Nozzle, Quick Connect	304 SS	025163	\$ 70



The Sani-Matic SANiCAB is a multi-purpose cabinet washer engineered to thoroughly clean a wide variety of items such as trays, pans, pots, buckets, totes, drums and utensils using a repeatable, automated process. Our exclusively designed rotating spray bars ensure that cleaning solutions are evenly distributed inside the washer, providing complete and consistent coverage. Our unique Porta-Rack design improves cleaning efficiencies by reduced handling, minimizing cross-contamination and maximizing the number of units cleaned per documented cleaning cycle.

## Advantages of a SANiCAB

- Consistent, repeatable results from a controlled process
- Allows higher temperatures and stronger concentrations, while minimizing worker exposure
- Replaces manual cleaning with a repeatable, documented cleaning process
- Reduces labor costs, minimizes chemical usage, and lowers water and utility costs



*The rails accept the Porta-Rack at the same level as the cart. No dangerous ramps or unsanitary pits.*



## Standard Features

- 70 3/4"W x 48"D x 98 5/8"H - closed
- 85 7/8"W x 89 5/8"D x 98 5/8"H - open
- 304L stainless steel construction
- Portable cart with standard rack
- Electric immersion heater to maintain temperature
- Pre-piped centrifugal supply pump
- PLC controls/control interface
- Pre-programmed wash cycles

## Utility Requirements

- Hot Water Supply,  $\geq 150^{\circ}$  F – 40 GPM @ 25 psig
- Drain – Variable, ~25 GPM @ 160°F
- Vent – 1,000 cfm
- Instrument Air – 5 cfm @ 90 psig
- Electrical Power (w/ electric heater) –  
30 amps @ 460 VAC/3 Ph/60 Hz

## Connection Schedule

- Hot Water Supply (Qty. 1) – 1" FNPT
- Drain (Qty. 1) – 4" Tri-Clamp
- Overflow (Qty. 1) – 2" Tri-Clamp
- Exhaust Port (Qty. 1) – 8" OD
- Exhaust Fan Outlet (Qty. 1) – 8 1/2" x 5" Rectangular Flange
- Instrument Air (Qty. 1) – 1/2" FNPT
- Chemical Addition (Qty. 2) – 1/4" MNPT

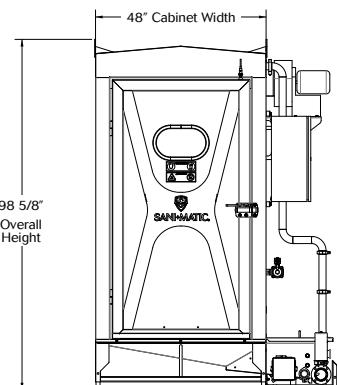
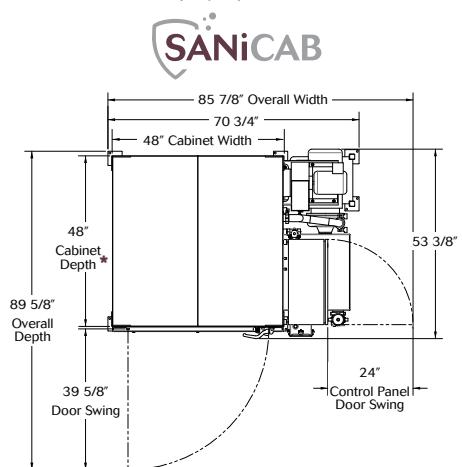


## Standard SANiCAB

Model #	Price
P335	\$ 48,500

### P335 includes:

- Standard Porta-Rack with shelves
- Exhaust fan assembly
- Bottom rotary spray manifold





# Time, Action, Chemical, Temperature



The Sani-Matic **TACTiCAB** has a compact construction that improves productivity with an automated cleaning process reducing both cycle time and labor. The standard design requires minimal set-up, adding even more value to this cost effective cleaning solution.

A standard rack or basket eases loading and unloading while safely securing scales buckets, containers, small totes, test equipment, mesh gloves and more. Our exclusively designed spray bars with rotary unions ensure even distribution of cleaning solutions inside the washer to provide complete and consistent coverage.

## **Advantages of a **TACTiCAB****

- Replace manual cleaning with a repeatable, controlled cleaning process
- Reduce labor costs and minimize chemical usage while lowering water and utility costs
- Maximize cleaning efficiency with eight independent spray bars with rotary unions and flat-fan sprays
- Integrate Universal PLC program into your system

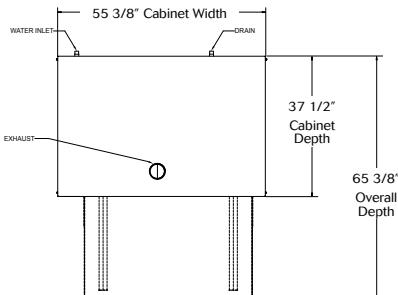


### **Standard **TACTiCAB****

Model #	Price
152255	\$ 21,200

## **Standard Features**

- 55 3/8"W x 37 1/2"D x 69 7/8"H - closed
- 55 3/8"W x 65 3/8"D x 69 7/8"H - open
- 304L stainless steel construction
- Electric immersion heater to boost and maintain temperature
- Stainless steel, 3 HP centrifugal pump - 80 gpm @ 27 PSI
- Three pre-programmed wash cycles - short, medium, and long



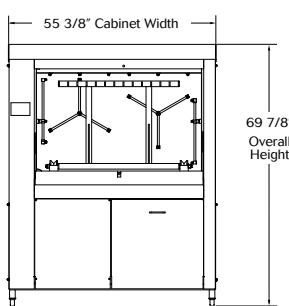
## **Utility Requirements**

- Hot Water Supply,  $\geq 150^{\circ}$  F – 20 GPM @ 25 psig
- Drain – Variable,  $\sim 29$  GPM @ 8.7 psig
- Electrical Power (w/ electric heater) –  
30 amps @ 460 VAC/3 Ph/60 Hz



## **Connection Schedule**

- Hot Water Supply (Qty. 1) – 3/4" MNPT
- Drain (Qty. 1) – 1 1/2" MNPT
- Exhaust Port (Qty. 1) – 4" OD



### **Common Items Cleaned:**

Scale buckets, pans, edible containers, totes, beakers, cylinders, scoops, mesh gloves



**TACTiCAB is available for delivery in 1-2 weeks!**

# Custom and Standard Tanks for your CIP System and Cleaning Needs

Turn to Sani-Matic for quick delivery of your industry compliant tanks. With a variety of standard and custom features, Sani-Matic tanks and vessels can be specified to meet your facility's needs conveniently and efficiently.

## Sani-Matic Tanks and Vessels available:

- CIP
- Process
- Holding
- Surge



- Mixing
- Horizontal
- Vertical
- Square



- Atmospheric
- ASME
- 3-A



## Standard Features

*Basic features available on all tanks*



- Sizes up to approximately 2,500 gallons
- 304 or 316L stainless steel
- Smooth-radius corners
- All-welded assembly
- Heavy duty 304 stainless steel tubular legs
- Gasketed and non-gasketed manway
- Anti-siphon for water inlet
- Sidewall overflow (standard) or Center Skimmer overflow



## Various finishes to choose

- Surfaces: 2B or #4
- Interior welds: color clean or grind and polish
- Exterior welds: color clean with stripe blast bottom, grind and polished with stripe blast bottom, or grind and polish
- Special surfaces and finishes are available by request



## Covers available for open top tanks

- Single lift-off
- Split-top, hinged
- Split-top, hinged with half welded to tank

## Feet choices

- No feet
- Adjustable ball feet
- Heavy duty stainless steel casters
- Adjustable square pads with bolt holes



## Optional Features

*Special features available on custom Sani-Matic tanks*

- Insulated sidewall (2" Inswool with stainless steel cladding)
- Anti-vortex device
- Spray devices and supply tubes
- Tri-clamp type port sizes - 1", 1.5", 2", 2.5", 3", 4"
- No foam inlet
- Vent – mushroom or gooseneck styles



**Please call today for custom tank pricing.**

## Conversion Factors

### Pressure

Feet of Water	x 0.433	= PSI
Inches Hg.	x 0.491	= PSI
Atmosphere	x 14.7	= PSI
Meters of Water	x 1.42	= PSI
Kilograms per Centimeter <sup>2</sup>	x 14.22	= PSI
Atmosphere	x 33.9	= Feet of Water
PSI	x 2.31	= Feet of Water
Inches Hg.	x 1.13	= Feet of Water

### Flow

Lbs. of Water per Hour	x 0.002	= GPM
Lbs. of Fluid per Hour / Specific Gravity	x 0.002	= GPM
Meter <sup>3</sup> per hour	x 4.4	= GPM
Liters per minute	x 0.264	= GPM
GPM	x 3.785	= Liters per minute

### Volume

Liter	x 0.264	= Gallon
Feet <sup>3</sup>	x 7.48	= Gallon
Lbs. of Water	x 0.119	= Gallon
Imperial Gallon (British)	x 1.2	= Gallon (U.S.)
U.S. Gallon	x 3.785	= Liter

### Viscosity

Centipoise/Specific Gravity	= Centistokes
Centistokes	x 4.64 = SSU (approx.)

### Viscosity and Specific Gravity Table for Various Foods

Product	Condition	Specific Gravity	Viscosity
<b>Butter</b>		0.93 to 0.98	15,000 SSU @ 55°F
			440 SSU @ 90°F
			220 SSU @ 115°F
<b>Catsup</b>	varies	1.13	2,300 to 6,100 SSU @ 190°F
<b>Cream</b>	60°F - 30% Fat	1.00	73 SSU
	60°F - 40% Fat	0.99	140 SSU
	60°F - 45% Fat	0.99	215 SSU
<b>Egg Yolk</b>		1.12	21,500 SSU @ 35°F
<b>Honey</b>	81.2° Brix (standard)	1.30	1,250 to 1,425 SSU @ 100°F
<b>Maple Syrup</b>		1.37	2,000 SSU @ 68°F
<b>Margarine</b>		0.93 (aprox.)	13,900 SSU @ 84°F
<b>Peanut Butter</b>		1.20	31 SSU @ 68°F
<b>Water</b>		1.00	77,400 SSU @ 85°F
<b>Whey (condensed)</b>	60% Total Solids	1.24	9,300 SSU @ 45°F
	50% Total Solids	1.20	2,300 SSU @ 131°F
	50% Total Solids	1.20	3,100 SSU @ 65°F
	27% Total Solids	1.11	75 SSU @ 100°F

\*\* Please note: viscosities may vary depending on products, formulas and the process used \*\*

# Providing Cleaning Confidence

Each system design strives to minimize cycle time, lower chemical usage, reduce water and utility costs, and promote worker safety. With thousands of Sani-Matic washers in operation around the world, we're proud to be the premier provider of *Cleaning Confidence* for the Dairy, Beverage, Meat, Poultry, Pharmaceutical, Bio-Tech and Personal Care industries.



## CiP Clean-in-Place

Sani-Matic Clean-In-Place (CIP) Systems are custom designed and manufactured to ensure efficient, automatic cleaning of process lines, tanks and vessels. Each CIP System is sized to provide the appropriate amount of flow and pressure to thoroughly remove product residue and rinse effectively. Our in-house programmers and UL approved panel shop will develop controls that optimize your cleaning cycle and integrate the CIP function smoothly into your production system.

Sani-Matic Clean-In-Place (CIP) Systems can be portable or stationary: single-tank, two-tank or multi-tank; single-use, re-use or once through; as well as designed for multi-circuit capabilities.



## CoP Clean-out-of-Place

Sani-Matic Clean-out-of-Place (COP) Immersion Parts Washers were the first on the market and continue to set the standard for the industry. Each is custom designed and manufactured to provide a faster and more consistent alternative to manual cleaning methods. Our COP Washer comes with exclusively-designed sanitary jet manifolds, which are fully welded and machined to eliminate unsanitary crevices and create consistent, high-velocity turbulence. This continuous agitation effectively removes residue from piping, hoses and a wide variety of machine parts. These can be organized into custom baskets, allowing workers to easily and safely handle expensive components minimally while avoiding direct contact with hot water and high chemical concentrations.

Sani-Matic Clean-out-of-Place (COP) Immersion Parts Washers can be portable or stationary: single or multi-compartment; and are available with a variety of options, controls and valve configurations including CIP capability.



## CABINETWASH

Sani-Matic offers a variety of Cabinet Washers that are custom designed and manufactured to ensure efficient, automated batch cleaning processes. Each Cabinet Washer comes with our exclusively designed sanitary spray assemblies that move to distribute cleaning solution evenly throughout the washer. These oscillating high-impact manifolds efficiently remove difficult residues from both interior and exterior product contact surfaces while the PLC controls the cleaning cycle to ensure a consistent and easy to validate process.

Sani-Matic Cabinet Washers can be a standard or custom size; are easy to install, program and operate; and reduce component handling.

# dence for over 65 years

## TUNNELWASH

Sani-Matic Tunnel Washers are custom designed and manufactured to efficiently and continuously clean large quantities of items such as totes, trays and pallets in a continuous process. Hard to clean manually, these items can be easily conveyed through rinse and detergent zones positioned with high impact adjustable nozzles — ensuring all residue is removed effectively with complete spray coverage. Each Tunnel Washer is designed to meet maximum target capacity, and adjustable guides or multi-lane capabilities allow different size items to be cleaned simultaneously.

Sani-Matic Tunnel Washers can include additional pre-rinse, recirculation or drying zones, as well as automated loading and unloading systems to integrate a complete material handling system.



## BOOSTEDPRESSURE

Sani-Matic's Central High Pressure sanitation system will meet the challenge of minimizing your water use and waste while sanitizing your facility and process equipment. You will experience significant savings in resources, labor and overall production costs. Sani-Matic engineers will evaluate your current cleaning needs and plant layout to design a custom sanitation system that will no doubt improve your bottom line.

Sani-Matic's Impact RFS System delivers high impact, not just high pressure. Too much pressure leads to ineffective cleaning and too much pressure can damage equipment and create aerosols that may recontaminate surfaces. The Impact RFS allows you control the pressure of the rinsing, foaming and sanitizing to achieve maximum efficiency and effectiveness.



## TACTICALSOLUTIONS

Sani-Matic has been a trusted name in sanitary process cleaning for over 65 years. Sani-Matic offers the industry's most extensive experience, knowledge, and dedication to create the best solution for your facility's sanitary process cleaning needs.

From **Consultation** and **Evaluation** of your existing process cleaning, to **Engineering** and **Design** of a more efficient and effective system, to **Installation** and **Performance Optimization** of our equipment, the TACTICALSolutions team is ready to help you find *Cleaning Confidence*.

Sani-Matic's service does not end once your equipment is up and running. We offer a complete line of components and spare parts to ensure that you continue to clean with confidence efficiently and effectively in the years to come.



**Call us today to experience the Sani-Matic difference!**

STRAINERS

SPRAY BALLS

SUPPLY TUBES

TANKER SPRAYS

ACCESSORIES

COP IMMERSION PARTS WASHER

BASKETS

SANICAB

TACTICAB

TANKS



**SANI-MATIC**

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