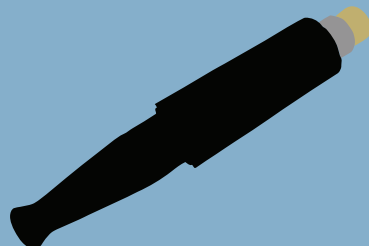
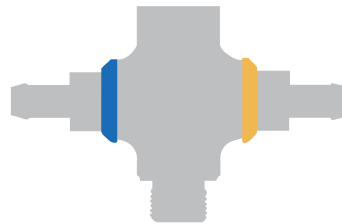
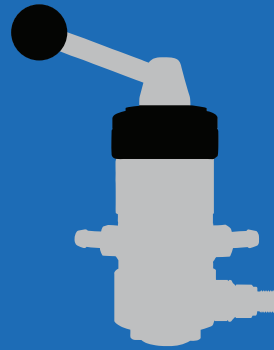
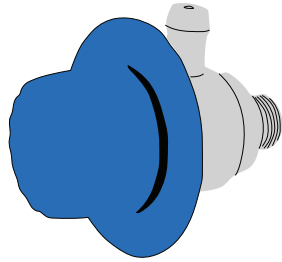


SUTTNER

A M E R I C A C O M P A N Y

PRESSURE WASHER COMPONENTS & ACCESSORIES



Foaming
Products
Catalog
2023-2024

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FOAMERS.....Page 21

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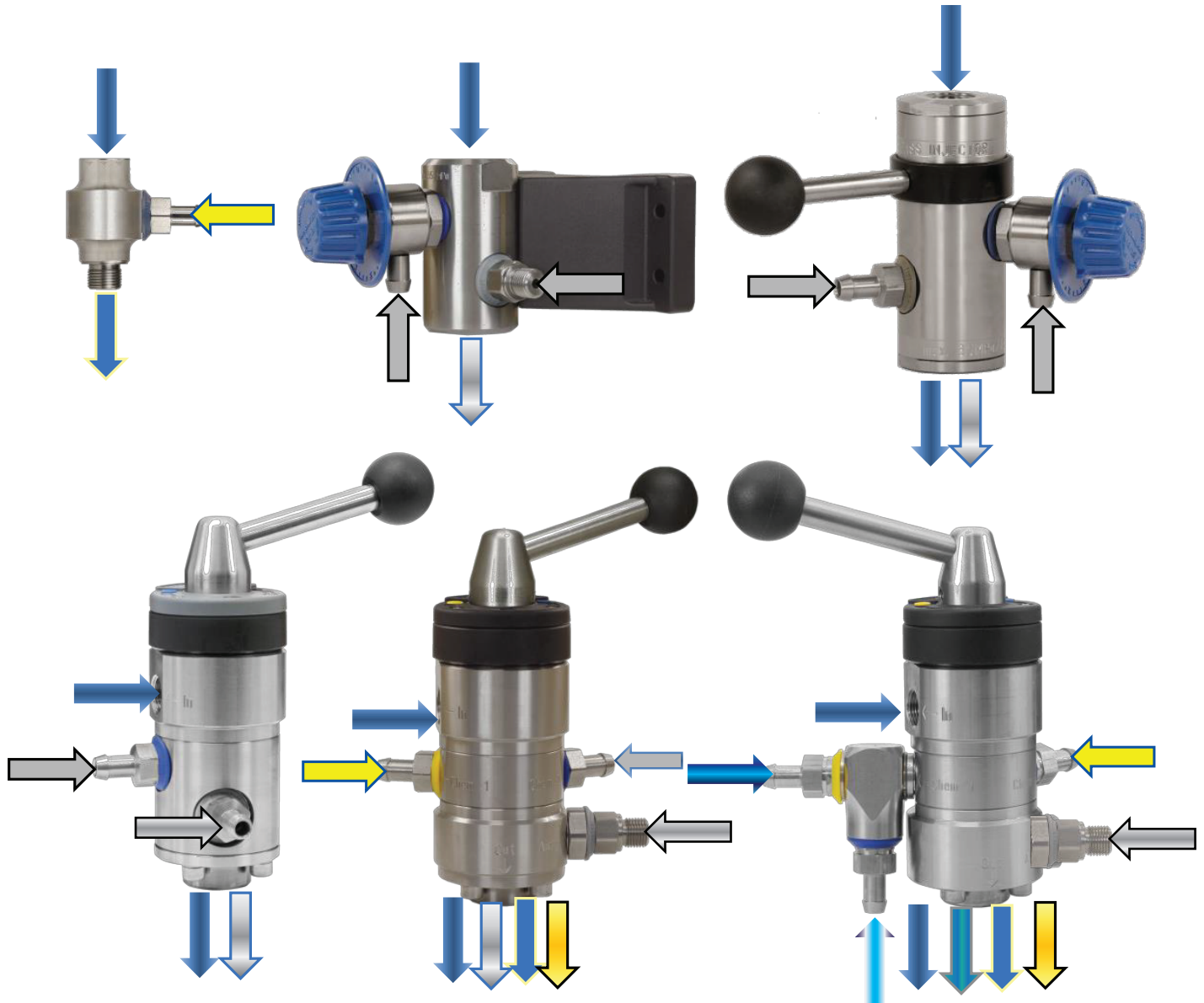
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Types of Pressure Applications






















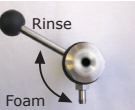











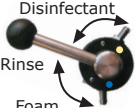



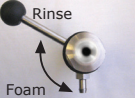
Legend

- Water (inlet) Pressure 1000 - 5000 PSI 
- Compressed Air 
- 1st Foam Chemical 
- 2nd Foam Chemical 
- Two-component chemical (1st) 
- Two-component chemical (2nd) 
- 1st Foam 
- Diluted Disinfectant 
- 2nd Foam 
- Diluted Two-Component Chemical Mix
or Two-Component Foam 







Foam Chart

DETERMINE THE FOAM COMPONENTS YOU NEED














- 1** SELECT A FOAM INJECTOR TO FIT YOUR MACHINE & JOB
Use the chart below for selection of Components
- 2** SELECT THE SPRAY GUN TO FIT YOUR REQUIREMENTS & MACHINE
Spray Gun Chart below – NOTE GPM ratings for gun selection
- 3** SELECT THE FOAMER THAT BEST SUITS YOUR CRITERIA

1 INJECTORS						
		Food Grade	# of Chemicals	Flow Rate	Bypass Rinse Option	Description / Diagram
	ST-160			1-18 GPM		page 6
	ST-160.3			1-24 GPM		page 10
	ST-164			1-18 GPM		page 12
	ST-166			1-18 GPM		page 14
	ST-167			1-18 GPM		page 16
COMPRESSED AIR INJECTORS						
		Food Grade	# of Chemicals	Flow Rate	Bypass Option	Description / Diagram
	ST-160.2			1-18 GPM		page 9
	ST-160.3A			1-24 GPM		page 11
	ST-164A			1-18 GPM		page 13
	ST-168			1-18 GPM		page 18

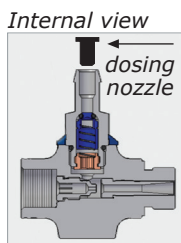
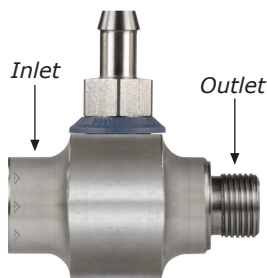
2

SPRAY GUNS						
		<i>Food Grade</i>	<i>Below 6 GPM</i>	<i>Above 6 GPM</i>	<i>Relax Action Trigger</i>	<i>Description / Diagram</i>
	ST-2605F	—	✓	—	✓	page 27
	ST-2620F	—	✓	✓	✓	page 27
	ST-2720F		✓	✓	✓	page 28
	ST-3225		—	✓	—	page 28
COMPRESSED AIR SPRAY GUNS						
		<i>Food Grade</i>	<i>Below 6 GPM</i>	<i>Above 6 GPM</i>	<i>Relax Action Trigger</i>	<i>Description / Diagram</i>
	ST-2620F w/ Foam Lance	—	—	—	✓	page 27

3

FOAMERS					
		<i>Food Grade</i>	<i>Below 6 GPM</i>	<i>Above 6 GPM</i>	<i>Description / Diagram</i>
	ST-73	—	✓	—	page 21
	ST-73H	—	—	✓	page 21
	ST-75	—	✓	—	page 22
	ST-75S Food Grade		✓	—	page 22
	ST-75.2 Long Range Foam Nozzle		✓	✓	page 23
	ST-76	—	—	✓	page 23
	ST-72	—	✓	—	page 25
	ST-72F Food Grade		✓	—	page 26
	ST-175	—	✓	—	page 24
	ST-176	—	—	✓	page 25

Foam Injectors



ST-160 CHEMICAL INJECTOR (single chemical)

ORDER #	NOZZLE / ORIFICE
200160499	3.0
200160500	3.5
200160505	4.0
200160510	4.5
200160515	5.5
200160520	6.0
200160525	7.0
200160530	8.0
200160535	8.5
200160540	9.0
200160545	10.0
200160550	11.0
200160555	12.0
200160560	12.5
200160565	14.0
200160570	15.0
200160575	18.0

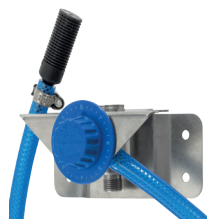
- Durable Stainless Steel housing
- 10 metering/dosing nozzles included (see page 20 for dilution ratios)
- Temperature: 194° F
- Inlet: 3/8" F
- Outlet: 3/8" M
- Pressure: 1000-5000 PSI
- Flow Rate: 1-18 GPM
- Weight .71 lb
- **Optimum foam created 130°F or less**
- * **Also available: Extreme chemical injectors for PH Level 2.0 or below**

Available in all orifice sizes

MOUNTING BRACKET:



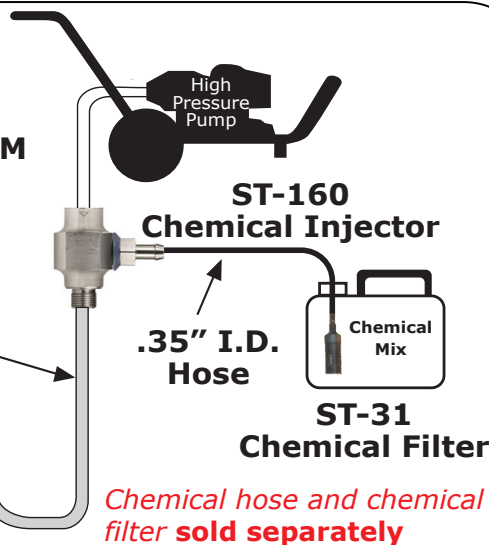
#200160160
*Sold Separately



ST-160 System Diagram

Flow Rate: 1 GPM - 18 GPM
Min. PSI: 1000
Max. PSI: 5000

3/8" I.D. Pressure Hose
Foam Lance
Spray Gun



Under 6 GPM Components



Over 6 GPM Components



ST-160M CHEMICAL INJECTOR (single chemical)

With ST-161 Metering/Dosing Valve

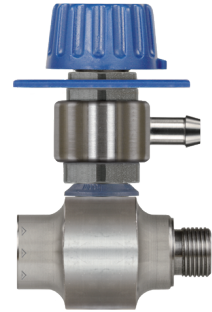
ORDER #	NOZZLE / ORIFICE
200160600	3.0
200160601	3.5
200160602	4.0
200160603	4.5
200160604	5.5
200160605	6.0
200160606	7.0
200160607	8.0
200160608	8.5
200160609	9.0
200160610	10.0
200160611	11.0
200160612	12.0
200160613	12.5
200160614	14.0
200160615	15.0
200160616	18.0

- Conserves chemicals
- Locks in position for accurate metering
- Multiple metering positions
- Temperature: 194° F
- Inlet: 3/8" F
- Outlet: 3/8" M
- Pressure: 1000-5000 PSI
- Flow Rate: 1-18 GPM
- Weight 1.25 lb
- **Optimum foam created 130°F or less**

* **Also available: Extreme chemical injectors for PH Level 2.0 or below**

Available in all orifice sizes

FOOD GRADE



Easy to read dial

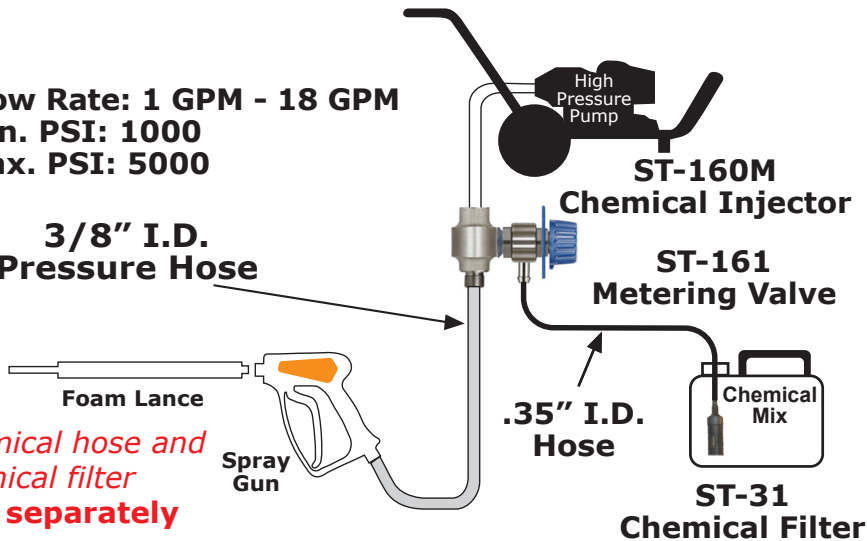


ST-160M System Diagram

Flow Rate: 1 GPM - 18 GPM
Min. PSI: 1000
Max. PSI: 5000

3/8" I.D. Pressure Hose

Chemical hose and chemical filter sold separately



MOUNTING BRACKET:



#200160160
***Sold Separately**



Under 6 GPM Components



Over 6 GPM Components



Universal Foam Injector Kit

UNIVERSAL FOAM INJECTOR KIT

Includes ST-75 Foam nozzle & ST-160 injector

Adapts to any pressure washer

ORDER #	KIT	ORIFICE
999160751	1	2.0 - 3.5
999160752	2	4.0 - 5.5
999160753	3	6.5 - 7.0



<https://youtu.be/pl-eZl0aRtM>

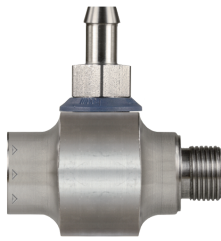
- Fits all orifice sizes
- **Optimum foam created 130°F or less**



ST-75 Foam Nozzle

ST-75 produces thick foam for an easy and safe application and to save on chemical usage by reducing splash and drift of chemicals

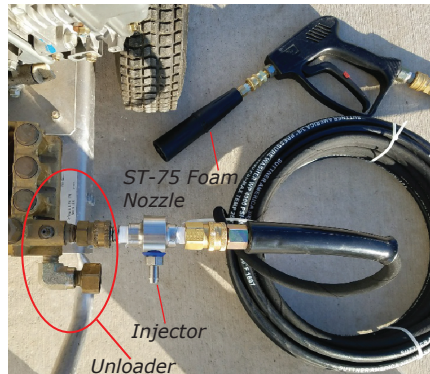
PRESSURE	INLET	WEIGHT
5000 PSI	1/4" F	.31 lb



ST-160 Stainless Steel Injector

Durable stainless steel housing and single chemical

PRESSURE	INLET	OUTLET	WEIGHT
5000 PSI	3/8"	3/8"	.71 lb



Foam injector conveniently attaches after the pump/unloader on your pressure washer



ALSO AVAILABLE: with ST-76 Foam Nozzle

For high volume applications over 6 GPM



ORDER #	KIT	ORIFICE
999160764	4	7.5 - 8.5
999160765	5	9.0 - 12.0

Foaming Injectors

ST-160.2 CHEMICAL INJECTOR (single chemical)

With ST-161 Metering/Dosing Valve

ORDER #	NOZZLE / ORIFICE
200160630	3.0
200160631	3.5
200160632	4.0
200160633	4.5
200160634	5.5
200160635	6.0
200160636	7.0
200160637	8.0
200160638	8.5
200160639	9.0
200160640	10.0
200160641	11.0
200160642	12.0
200160643	12.5
200160644	14.0
200160645	15.0
200160646	18.0

- Conserves chemicals
- Locks in position for accurate metering
- Multiple metering positions
- Temperature: 194° F
- Inlet: 1/2" F
- Outlet: 1/2" F
- Pressure: 90-5000 PSI
- Flow Rate: 1-18 GPM
- Weight: 2.20 lb
- **Optimum foam created 130°F or less**

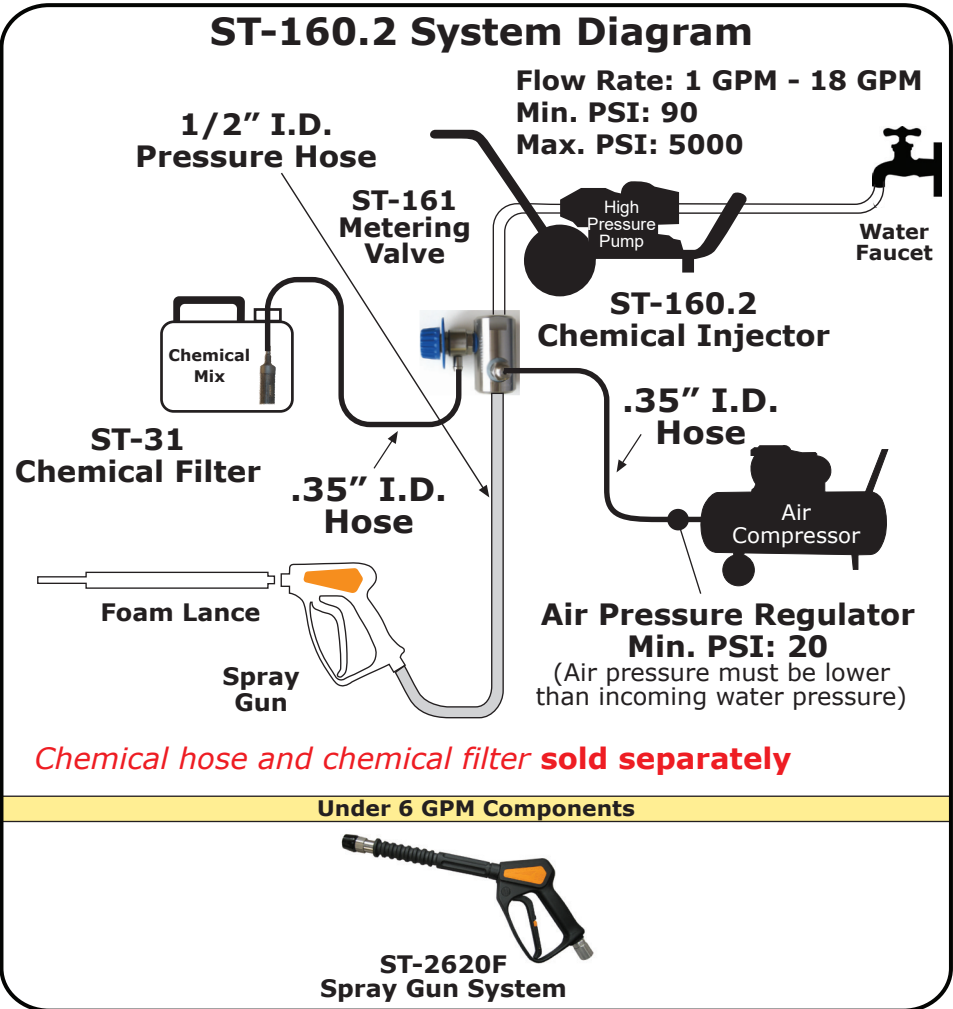
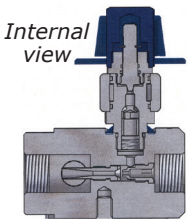
* **Also available: Extreme chemical injectors for PH Level 2.0 or below**

Available in all orifice sizes



The use of compressed air provides energy to propel foam faster and farther during application

FOOD GRADE



MOUNTING BRACKET:
Included with Injector



#200168420



Also available:
Two component inlet
#200164355
see page 29

Foaming Injectors



ST-160.3 CHEMICAL INJECTOR *(high flow)*

ORDER #	NOZZLE/ ORIFICE
200160326	6.0
200160330	4.5
200160331	7.5
200160332	9.0
200160347	45.0
200160348	54.0

- For large water quantities and high dosing
- Three pairs of injector and nozzle in one housing and can be configured independently
- Includes (3) dosing nozzles sets
- Multiple metering positions
- Temperature: 194° F
- Inlet: 1/2" F
- Outlet: 1/2" F
- Pressure: 90 - 5000 PSI
- Flow Rate: 1 GPM - 24 GPM
- Weight: 3.55 lb
- **Optimum foam created 130°F or less**

*** Available in additional orifice sizes**

*** Also available: Extreme chemical injectors for PH Level 2.0 or below**

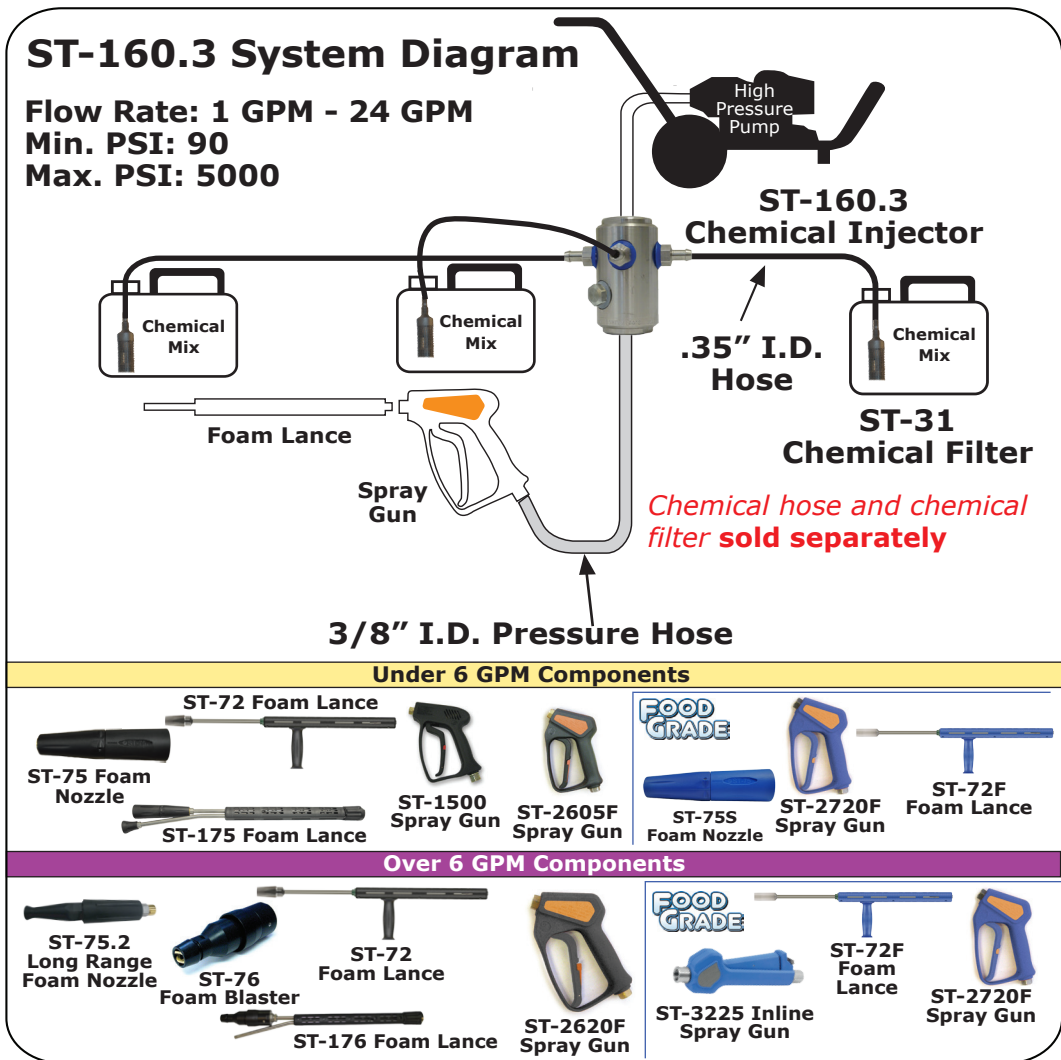
Available in all orifice sizes

MOUNTING BRACKET:

Included with Injector



#200168420



Also available:
Two component inlet
#200164355
see page 29

Foaming Injectors

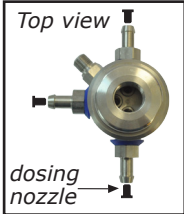
ST-160.3A CHEMICAL INJECTOR *(high dosages)*

ORDER #	NOZZLE/ ORIFICE
200160300	4.5
200160302	9.0
200160318	54.0

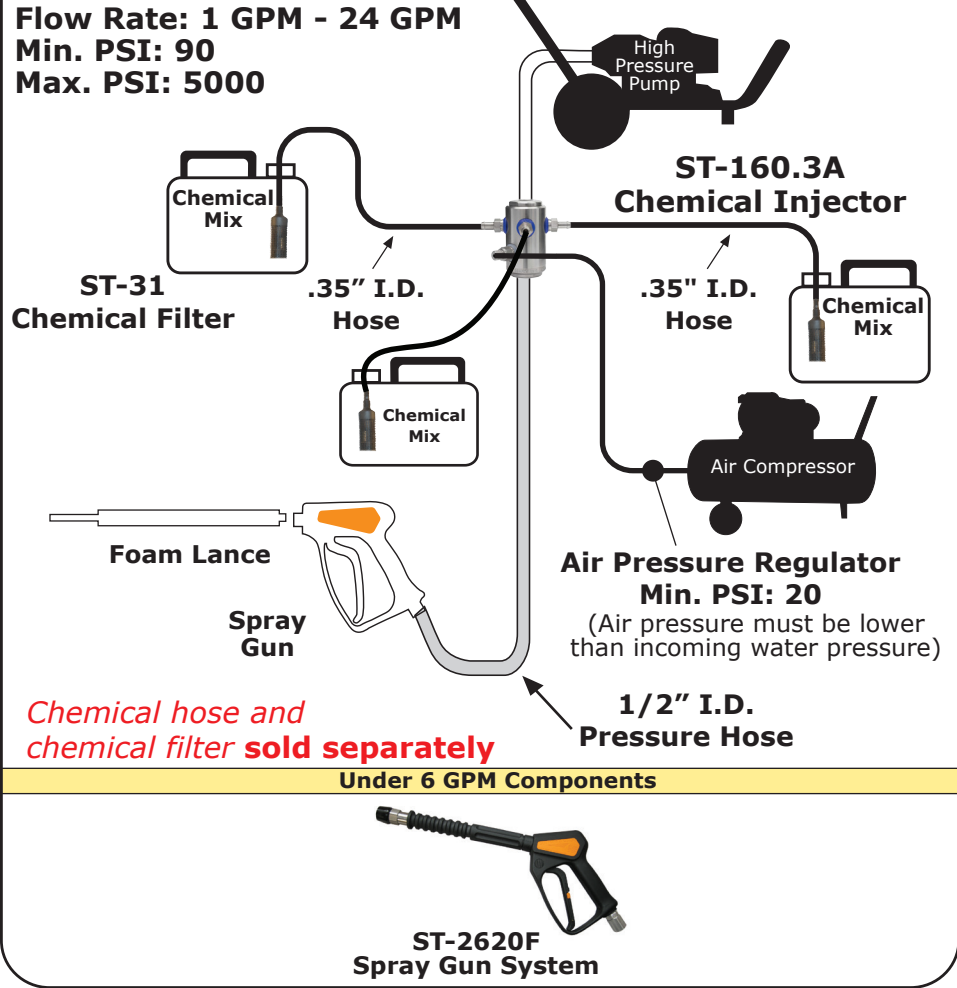
*** Available in additional orifice sizes**

- For large water quantities and high dosing
- Three pairs of injector and nozzle in one housing and can be configured independently
- Includes (3) dosing nozzles sets
- Multiple metering positions
- Temperature: 194° F
- Inlet: 1/2" F
- Outlet: 1/2" F
- Pressure: 90 - 5000 PSI
- Flow Rate: 1 GPM - 24 GPM
- Weight: 3.55 lb
- **Optimum foam created 130°F or less**
- **Also available: Extreme chemical injectors for PH Level 2.0 or below**

Available in all orifice sizes



ST-160.3A System Diagram



MOUNTING BRACKET:

Included with Injector



#200168420



Compressed Air Only

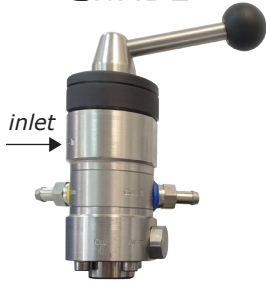
The use of compressed air provides energy to propel foam faster and farther during application



Also available:
 Two component inlet
 #200164355
 see page 29

Foaming Injectors

**FOOD
GRADE**



ST-164 CHEMICAL BYPASS INJECTOR

ORDER #	NOZZLE / ORIFICE
200164499	3.0
200164500	3.5
200164502	4.0
200164503	4.5
200164504	5.5
200164505	6.0
200164506	7.0
200164507	8.0
200164508	8.5
200164509	9.0
200164510	10.0
200164511	11.0
200164512	12.0
200164513	12.5
200164516	18.0

- Durable stainless steel construction
- Food grade quality and specifications
- 20 dosing nozzles included
- Integrated lever that allows you to go from disinfectant to foam to rinse
- Temperature: 212° F
- Inlet: 3/8" F
- Outlet: 1/2" F
- Pressure: 1000-5000 PSI
- Flow Rate: 1-18 GPM
- Weight: 4.80 lb
- **Optimum foam created 130°F or less**

* **Also available: Extreme chemical injectors for PH Level 2.0 or below**

Available in all orifice sizes

MOUNTING BRACKET:

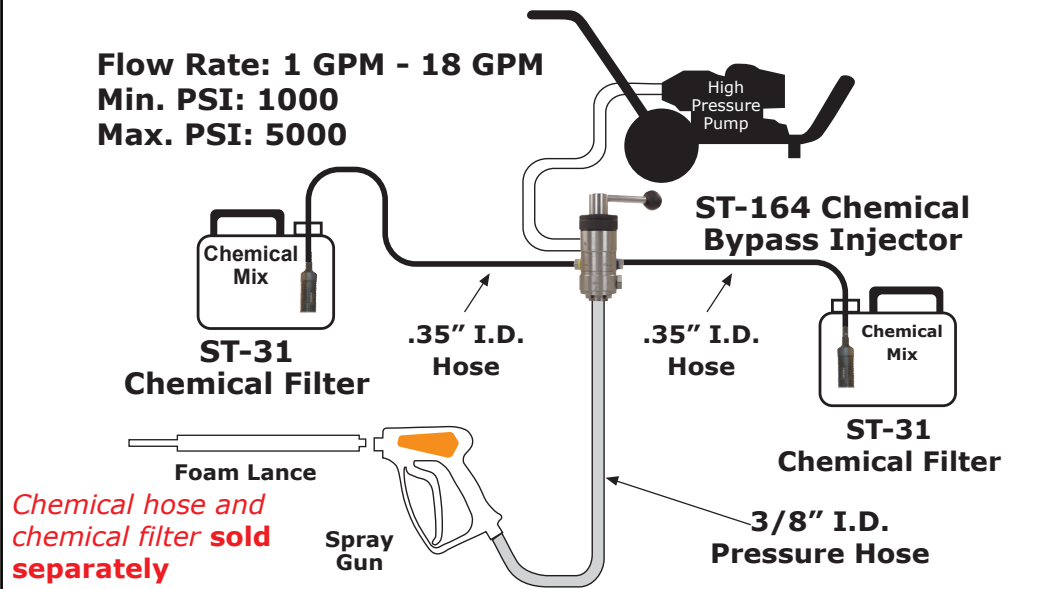
Included with Injector



#200168420

ST-164 System Diagram

Flow Rate: 1 GPM - 18 GPM
Min. PSI: 1000
Max. PSI: 5000



Chemical hose and chemical filter sold separately

Under 6 GPM Components



Over 6 GPM Components



Also available:
Two component inlet
#200164355
see page 29

Foaming Injectors

ST-164A CHEMICAL BYPASS INJECTOR (with air intake)

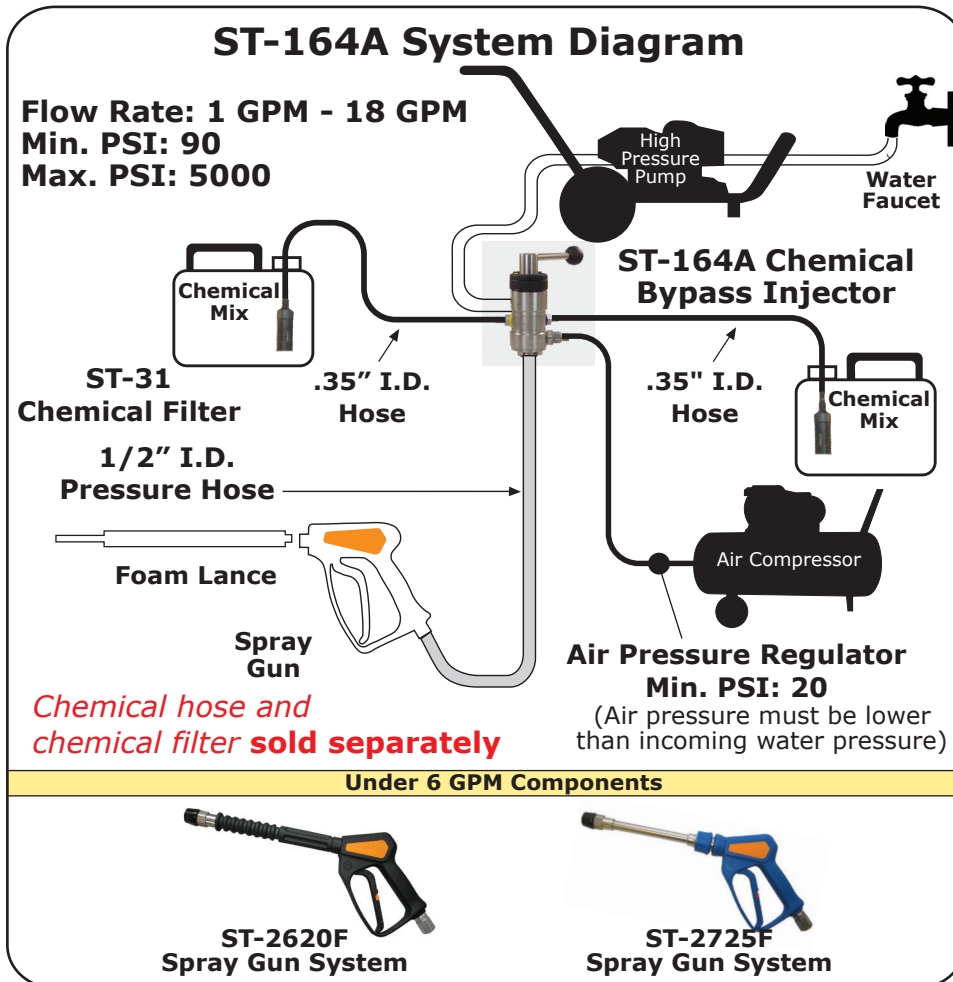
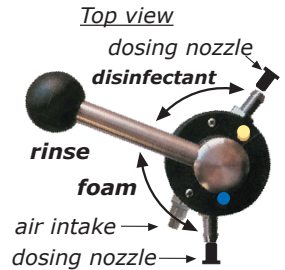
With integrated lever that allows you to go from disinfectant to foam to rinse

ORDER #	NOZZLE / ORIFICE
200164599	3.0
200164600	3.5
200164602	4.0
200164603	4.5
200164604	5.5
200164605	6.0
200164606	7.0
200164607	8.0
200164608	8.5
200164609	9.0
200164610	10.0
200164611	11.0
200164612	12.0
200164613	12.5
200164616	18.0

- Durable stainless steel construction
- Food grade quality and specifications
- 20 dosing nozzles included
- Integrated lever that allows you to go from disinfectant to foam to rinse
- Temperature: 212° F
- Inlet: 3/8" F
- Outlet: 1/2" F
- Pressure: 90-5000 PSI
- Flow Rate: 1-18 GPM
- Weight: 2.20 lb
- **Optimum foam created 130°F or less**
- **Also available: Extreme chemical injectors for PH Level 2.0 or below**

Available in all orifice sizes

**FOOD
GRADE**



MOUNTING BRACKET:
 Included with Injector



#200168420



Compressed Air Only

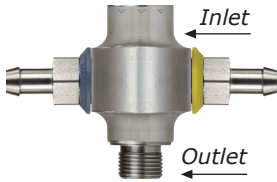
The use of compressed air provides energy to propel foam faster and farther during application



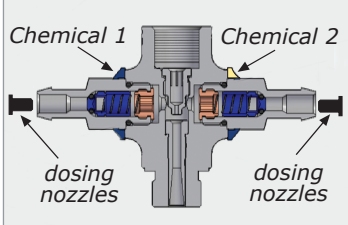
Also available:
 Two component inlet
 #200164355
 see page 29

Foaming Injectors

FOOD GRADE



Internal view



ST-166 DUAL CHEMICAL INJECTOR (stainless steel)

Use for chemical & foam applications

ORDER #	NOZZLE / ORIFICE
200166499	3.0
200166500	3.5
200166505	4.0
200166510	4.5
200166515	5.5
200166520	6.0
200166525	7.0
200166530	8.0
200166535	8.5
200166540	9.0
200166545	10.0
200166550	11.0
200166555	12.0
200166560	12.5
200166565	14.0
200166570	15.0
200166580	18.0

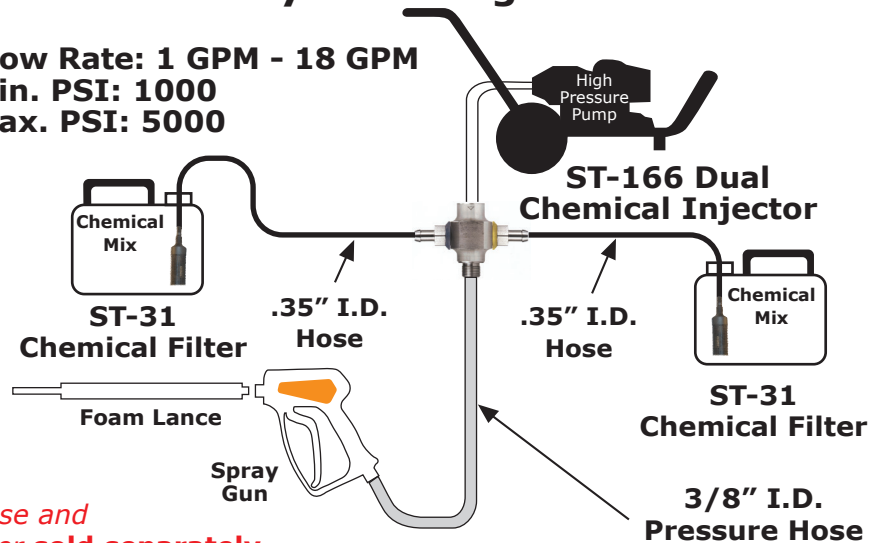
- Designed to inject and mix 2 chemicals simultaneously
- Durable stainless steel
- 20 dosing nozzles to control chemical suction included (see page 20 for dilution ratios)
- Temperature: 194° F
- Inlet: 3/8" F
- Outlet: 3/8" M
- Pressure: 1000-5000 PSI
- Flow Rate: 1-18 GPM
- Weight: .75 lb
- **Optimum foam created 130°F or less**

*** Also available: Extreme chemical injectors for PH Level 2.0 or below**

Available in all orifice sizes

ST-166 System Diagram

Flow Rate: 1 GPM - 18 GPM
Min. PSI: 1000
Max. PSI: 5000



Chemical hose and chemical filter sold separately

Under 6 GPM Components



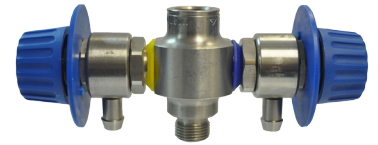
Over 6 GPM Components



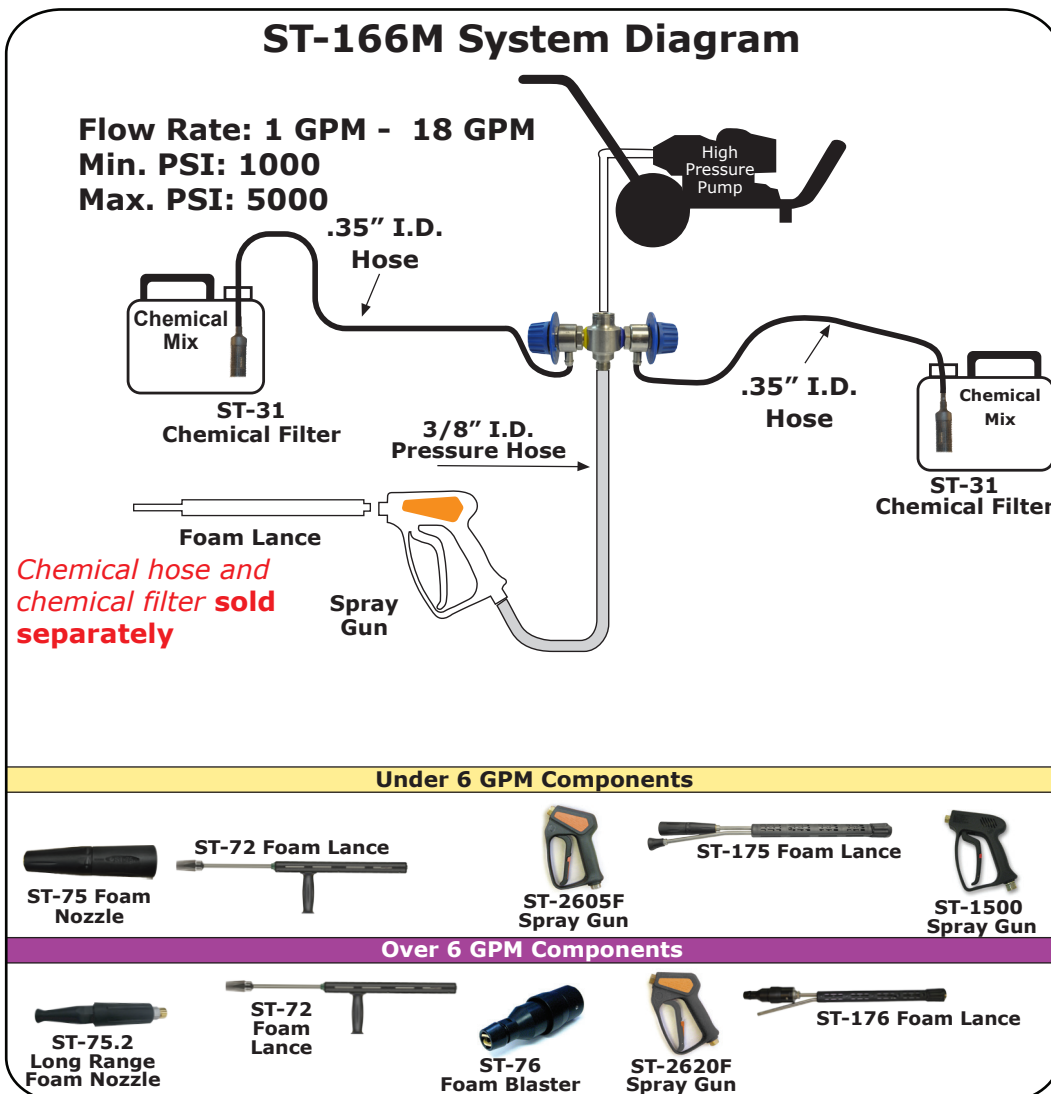
ST-166M DUAL CHEMICAL INJECTOR *(stainless steel)* with ST-161 metering valves

ORDER #	NOZZLE / ORIFICE
200166600	3.5
200166605	4.0
200166620	6.0
200166625	7.0
200166640	9.0
200166670	15.0

- Designed to inject and mix 2 chemicals simultaneously
- Durable stainless steel
- Multiple metering positions
- Temperature: 194° F
- Inlet: 3/8" F
- Outlet: 3/8" M
- Pressure: 1000-5000 PSI
- Flow Rate: 1-18 GPM
- Weight: 1.35 lb
- **Optimum foam created 130°F or less**
- * **Also available: Extreme chemical injectors for PH Level 2.0 or below**



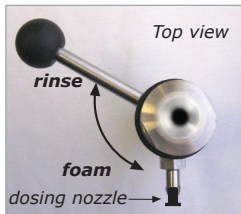
Available in all orifice sizes



Foaming Injectors

ST-167 CHEMICAL BYPASS INJECTOR *(stainless steel)*

With integrated lever that allows you to go from chemical to rinse



ORDER #	NOZZLE / ORIFICE
200167500	3.0
200167501	3.5
200167502	4.0
200167503	4.5
200167504	5.5
200167505	6.0
200167506	7.0
200167507	8.0
200167508	8.5
200167509	9.0
200167510	10.0
200167511	11.0
200167512	12.0
200167513	12.5
200167514	14.0
200167515	15.0
200167516	18.0

- Food grade quality and specifications
- Integrated lever that allows you to go from chemical to rinse
- Durable stainless steel construction
- 10 dosing nozzles included. (see page 20 for dilution ratios)
- Temperature: 212° F
- Inlet: 3/8" F
- Outlet: 3/8" F
- Pressure: 1000-5000 PSI
- Flow Rate: 1-18 GPM
- Weight: 2.38 lb
- **Optimum foam created 130°F or less**

*** Also available: Extreme chemical injectors for PH Level 2.0 or below**

Available in all orifice sizes

MOUNTING BRACKET:

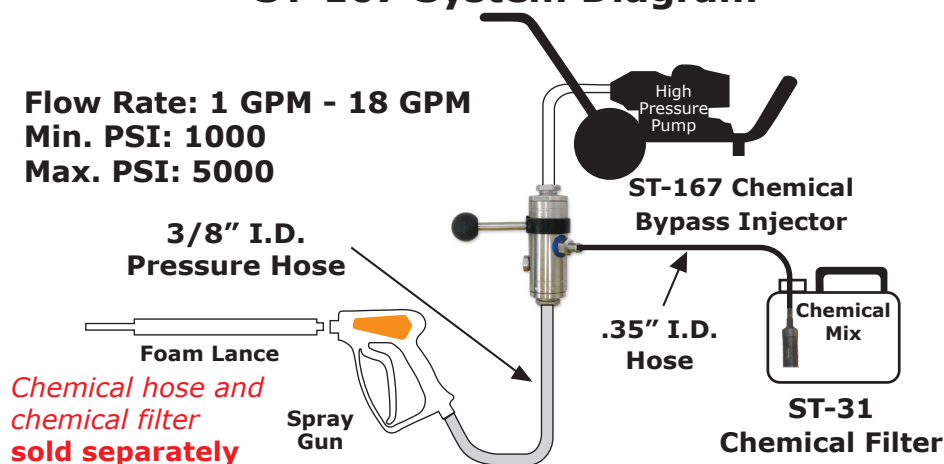
Included with Injector



#200168420

ST-167 System Diagram

Flow Rate: 1 GPM - 18 GPM
Min. PSI: 1000
Max. PSI: 5000



Chemical hose and chemical filter sold separately

Under 6 GPM Components



Over 6 GPM Components



Also available:
Two component inlet
#200164355
see page 29

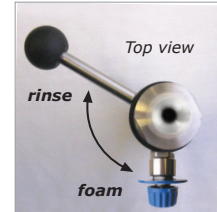
ST-167M CHEMICAL BYPASS INJECTOR (stainless steel)

w/ ST-161 metering/dosing valve

**FOOD
GRADE**

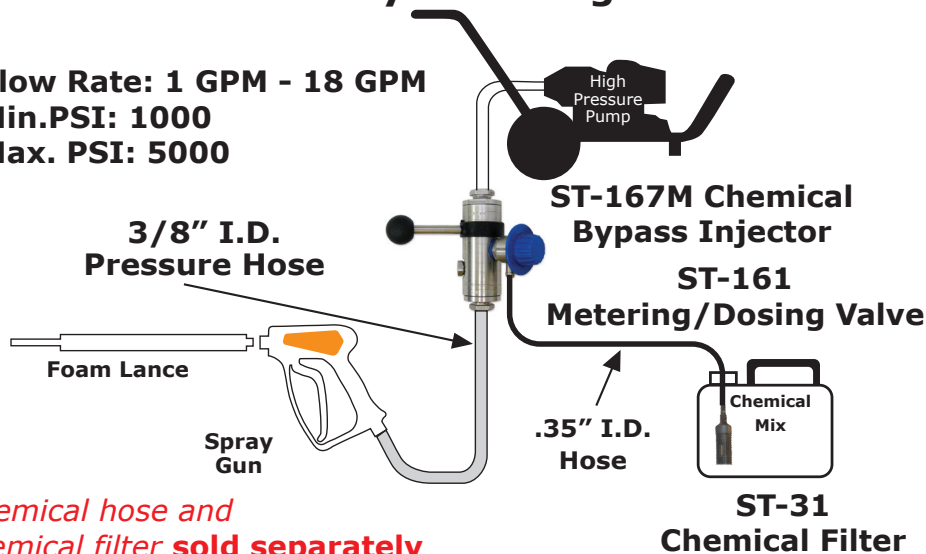
ORDER #	NOZZLE / ORIFICE
200167600	3.0
200167601	3.5
200167602	4.0
200167603	4.5
200167604	5.5
200167605	6.0
200167606	7.0
200167607	8.0
200167608	8.5
200167609	9.0
200167610	10.0
200167611	11.0
200167612	12.0
200167613	12.5
200167614	14.0
200167615	15.0
200167616	18.0

- Food grade quality and specifications
- Integrated lever that allows you to go from chemical to rinse
- Multiple metering positions
- Temperature: 212° F
- Inlet: 3/8" F
- Outlet: 3/8" F
- Pressure: 1000-5000 PSI
- Flow Rate: 1-18 GPM
- Weight: 2.7 lb
- **Optimum foam created 130°F or less**



ST-167M System Diagram

Flow Rate: 1 GPM - 18 GPM
Min.PSI: 1000
Max. PSI: 5000



Chemical hose and chemical filter sold separately

MOUNTING BRACKET:

Included with Injector



#200168420

Under 6 GPM Components



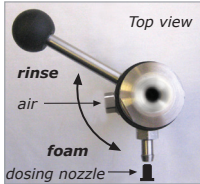
Over 6 GPM Components



Also available:
 Two component inlet
 #200164355
 see page 29

Foaming Injectors

**FOOD
GRADE**



ST-168 CHEMICAL BYPASS INJECTOR (stainless steel)

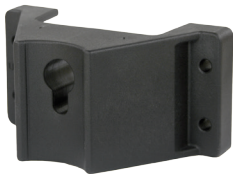
ORDER #	NOZZLE / ORIFICE
200168500	3.0
200168505	3.5
200168515	4.0
200168525	4.5
200168535	5.5
200168545	6.0
200168555	7.0
200168556	8.0
200168558	8.5
200168559	9.0
200168560	10.0
200168561	11.0
200168562	12.0
200168565	12.5
200168564	14.0
200168565	15.0
200168568	18.0

- Food grade quality and specifications
- Integrated lever that allows you to go from chemical to rinse
- Durable stainless steel construction
- 10 dosing nozzles included (see page 20 for dilution ratios)
- Temperature: 212° F
- Inlet: 3/8" F
- Outlet: 1/2" F
- Pressure: 90-5000 PSI
- Flow Rate: 1-18 GPM
- Weight: 2.38 lb
- **Optimum foam created 130°F or less**
- * **Also available: Extreme chemical injectors for PH Level 2.0 or below**

Available in all orifice sizes

MOUNTING BRACKET:

Included with Injector



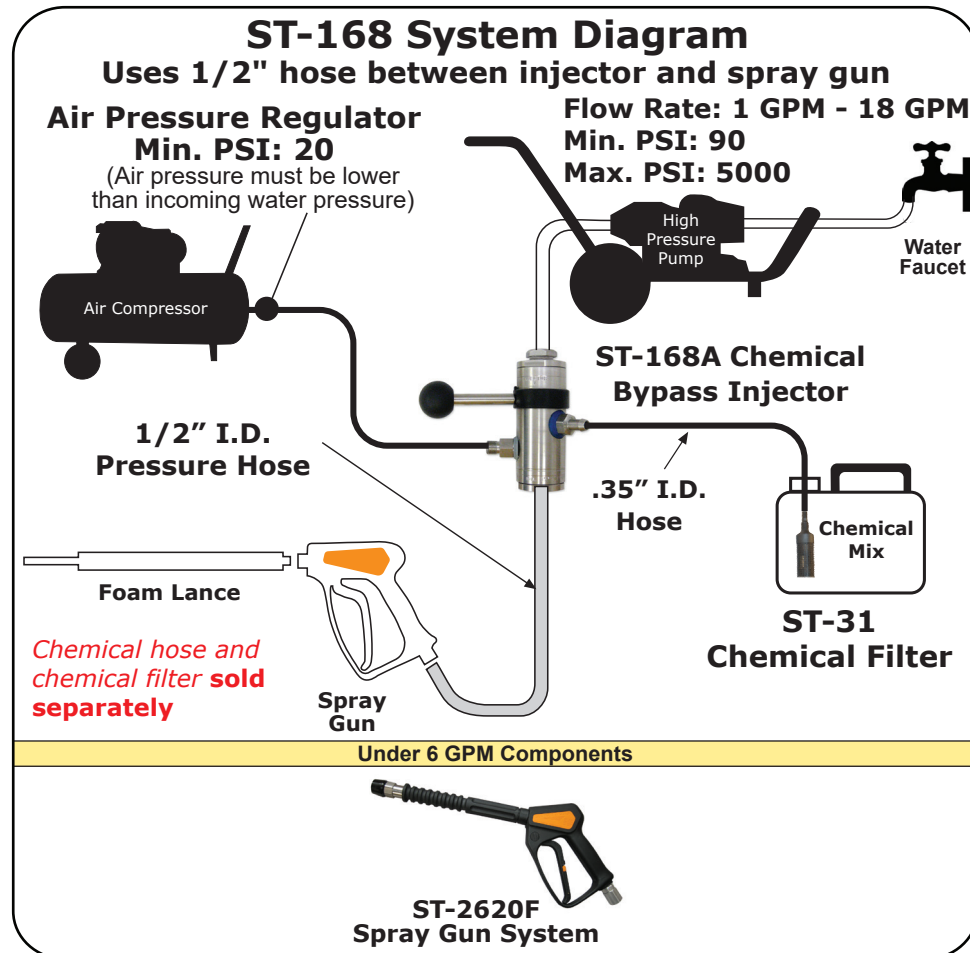
#200168420



The use of compressed air provides energy to propel foam faster and farther during application



Also available:
Two component inlet
#200164355
see page 29



ST-168M CHEMICAL BYPASS INJECTOR (stainless steel)

w/ ST-161 metering/dosing valve & air module

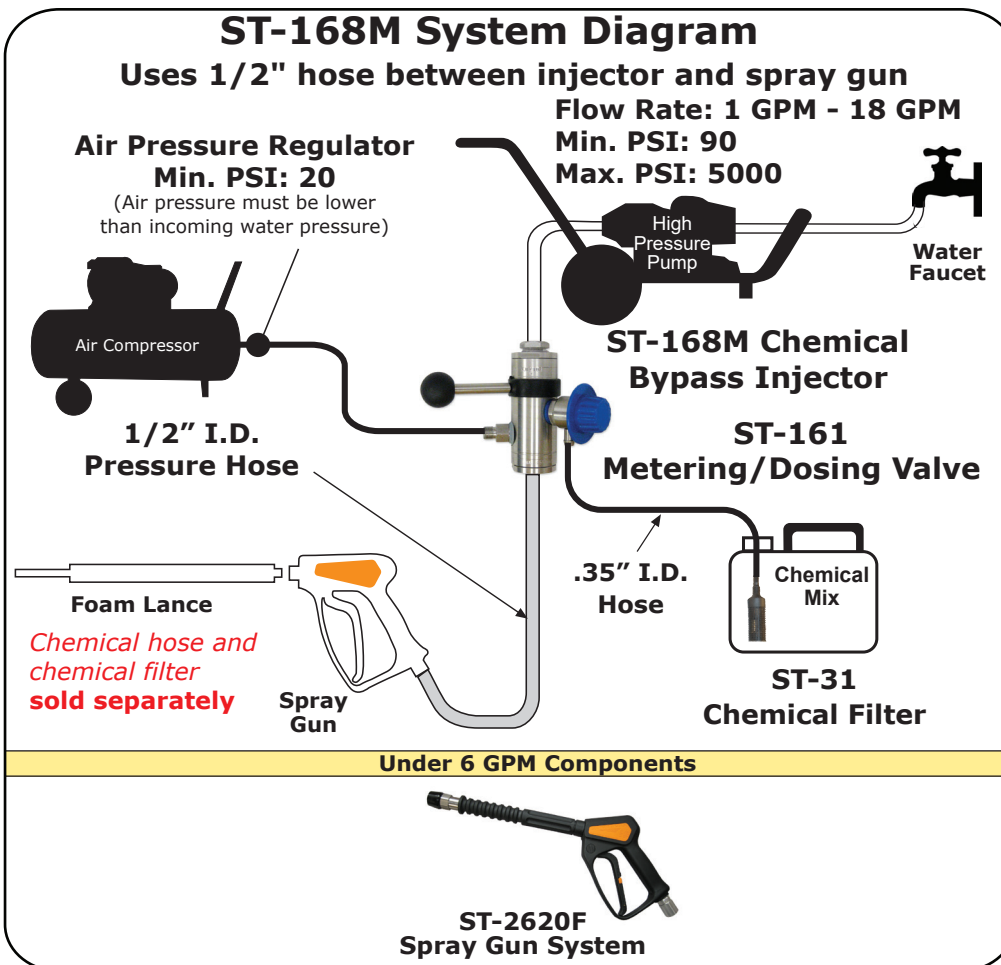
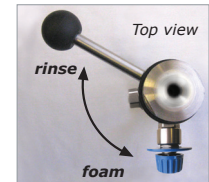
**FOOD
GRADE**

ORDER #	NOZZLE / ORIFICE
200168600	3.0
200168601	3.5
200168602	4.0
200168603	4.5
200168604	5.5
200168605	6.0
200168606	7.0
200168607	8.0
200168608	8.5
200168609	9.0
200168610	10.0
200168612	11.0
200168614	12.0
200168616	12.5
200168617	14.0
200168618	15.0
200168619	18.0

- Food grade quality and specifications
- Integrated lever that allows you to go from chemical to rinse
- Multiple metering positions
- Uses compressed air
- Temperature: 212° F
- Inlet: 3/8" F
- Outlet: 1/2" F
- Pressure: 90-5000 PSI
- Flow Rate: 1-18 GPM
- Weight: 2.7 lb
- **Optimum foam created 130°F or less**

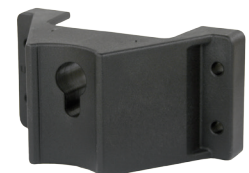
* **Also available: Extreme chemical injectors for PH Level 2.0 or below**

Available in all orifice sizes



MOUNTING BRACKET:

Included with Injector



#200168420



Compressed Air Only

The use of compressed air provides energy to propel foam faster and farther during application



Also available:
Two component inlet
#200164355
see page 29

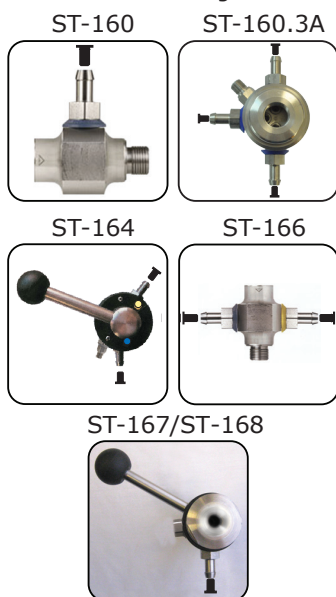
Dosing Nozzles



DOSING NOZZLES (used to control chemical draw)
 ST-160 Injector, ST-167 and ST-168 Bypass Injectors come with 10 dosing nozzle inserts. ST-164 & ST-166 Injectors come with 20 dosing nozzle inserts. ST-160.3A injector come with 30 dosing nozzle inserts. **Additional nozzles available.**

ORDER #	INJECTOR
200163340	For Chemical Injectors
200163335X	For Extreme Chemical Injectors

Location of dosing nozzles on injectors



DOSING NOZZLE DILUTION RATIOS

The chart below shows dosing nozzle size. The percentage of draw may vary, because of the chemical viscosity.

Dosing Nozzle Size	% Chemical Draw	Ratio
0.5	0.5%	200:1
0.6	0.8%	125:1
0.7	1.0%	100:1
1.0	2.5%	40:1
1.1	3.0%	33:1
1.2	4.0%	25:1
1.3	5.0%	20:1
1.5	8.0%	12.5:1
1.7	9.0%	11.25:1
2.0	10.0%	10:1

The size of each dosing nozzle is marked on the lip of the individual nozzle



Simply press the dosing nozzle into the barb as illustrated

ST-73 FOAMER

Convenient and portable for more effective foam cleaning for Industrial, Agriculture, Automotive/Fleet and Institutional applications



ORDER #	PRESSURE	TEMP.	FLOW RATE	INLET	BOTTLE SIZE	WEIGHT
200073907	1000 - 4350 PSI	130° F	up to 5 GPM	1/4" F	32 oz	1.10 lb
200073906	1000 - 4350 PSI	130° F	up to 5 GPM	1/4" F	64 oz	1.20 lb

- 5 position metering valve for chemical draw
- Stainless steel non-corrosive injector
- Easy to fill wide mouth bottle with fill markings
- Integrated injector (1.5 mm) (no additional injector required)

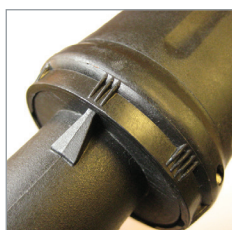
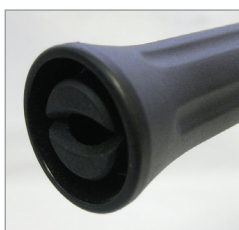
ALSO AVAILABLE:

- 32 oz bottle only #020073513
- 64 oz bottle only #020073520



Scan QR code to watch a short demo

<https://www.youtube.com/watch?v=phQMxtrJFqk>



5 position metering valve

POSITION	DILUTION RATE
1	2 - 2.5%
2	4 - 4.5%
3	5 - 5.5%
4	6.5 - 7%
5	7.5 - 8%

ST-73H FOAMER (high volume)

ORDER #	PRESSURE	TEMP.	FLOW RATE	INLET	BOTTLE SIZE	WEIGHT
200073916	1000 - 4350 PSI	130° F	up to 8 GPM	1/4" F	64 oz	1.20 lb

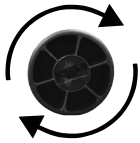


- 5 position metering valve for chemical draw
- Stainless steel non-corrosive injector
- Easy to fill wide mouth bottle with fill markings
- Integrated injector (1.8 mm) (no additional injector required)

ALSO AVAILABLE:

- Bottle only currently available in 64 oz bottle #020073520

Foam Nozzles



Easily change the spray pattern from vertical to horizontal

ST-75 FOAM NOZZLE

Produces thick foam for an easy and safe application and to save on chemical usage by reducing splash and drift of chemicals in conjunction with Suttner injectors

ORDER #	PRESSURE	TEMP.	INLET	ORIFICE	WEIGHT
200075548	5000 PSI	212° F	1/4" F	3.0	.31 lb
200075549	5000 PSI	212° F	1/4" F	4.0	.31 lb
200075552	5000 PSI	212° F	1/4" F	5.0	.31 lb
200075550	5000 PSI	212° F	1/4" F	5.5	.31 lb
200075551	5000 PSI	212° F	1/4" F	6.5	.31 lb
200075547	5000 PSI	212° F	1/4" F	7.5	.31 lb
200075554	5000 PSI	212° F	1/4" F	8.0	.31 lb
200075553	5000 PSI	212° F	1/4" F	10.0	.31 lb
200075555	5000 PSI	212° F	1/4" F	13.0	.31 lb
200075556	5000 PSI	212° F	1/4" F	15.0	.31 lb
200075557	5000 PSI	212° F	1/4" F	20.0	.31 lb

- Saves time and money
- **Heavy duty**
- Flow Rate: 1 - 6 GPM
- Foam injector required
- **Optimum foam created 130°F or less**



<https://www.youtube.com/shorts/EAAbMwdVx3Y>

FOOD
GRADE



Easily change the spray pattern from vertical to horizontal

ST-75S FOAM NOZZLE (stainless steel)

ST- 75S produces thick foam for an easy and safe application and to save on chemical usage by reducing splash and drift of chemicals

ORDER #	PRESSURE	TEMP.	INLET	ORIFICE	WEIGHT
200075574	5000 PSI	212° F	1/4" F	5.0	.31 lb
200075572	5000 PSI	212° F	1/4" F	8.0	.31 lb
200075573	5000 PSI	212° F	1/4" F	10.0	.31 lb
200075575	5000 PSI	212° F	1/4" F	13.0	.31 lb
200075576	5000 PSI	212° F	1/4" F	15.0	.31 lb
200075577	5000 PSI	212° F	1/4" F	20.0	.31 lb

- With stainless steel "wool" like foam pad
- Foam injector required

ST-75.2 LONG RANGE FOAM NOZZLE

ORDER #	PRESSURE	TEMP.	FLOW RATE	INLET	ORIFICE	WEIGHT
200075800065	2175 PSI	100° F	up to 7 GPM	1/4" FPT	6.5	.75 lb
200075800070	2175 PSI	100° F	up to 7 GPM	1/4" FPT	7.0	.75 lb
200075800075	2175 PSI	100° F	up to 7 GPM	1/4" FPT	7.5	.75 lb
200075800080	2175 PSI	100° F	up to 7 GPM	1/4" FPT	8.0	.75 lb
200075800100	2175 PSI	100° F	up to 7 GPM	1/4" FPT	10.0	.75 lb
200075800130	2175 PSI	100° F	up to 7 GPM	1/4" FPT	13.0	.75 lb
200075800150	2175 PSI	100° F	up to 7 GPM	1/4" FPT	15.0	.75 lb
200075810130	2175 PSI	100° F	up to 12 GPM	1/4" FPT	13.0	.75 lb
200075810150	2175 PSI	100° F	up to 12 GPM	1/4" FPT	15.0	.75 lb
200075810200	2175 PSI	100° F	up to 12 GPM	1/4" FPT	20.0	.75 lb

- Adjustable airflow
- Throws foam 40 feet
- **Optimum foam created 130°F or less**



Scan QR code to watch a short demo

<https://www.youtube.com/watch?v=Twk8-gQP50s>



ST-76 FOAM BLASTER

Use for high volume applications

ORDER #	PRESSURE	TEMP.	FLOW RATE	INLET	ORIFICE	WEIGHT
200076609	3625 PSI	194° F	6 - 16 GPM	1/2" F	(3) 3.0	1.15 lb
200076612	3625 PSI	194° F	6 - 16 GPM	1/2" F	(3) 4.0	1.15 lb
200076615	3625 PSI	194° F	6 - 16 GPM	1/2" F	(3) 5.0	1.15 lb
200076616	3625 PSI	194° F	6 - 16 GPM	1/2" F	(3) 5.5	1.15 lb
200076618	3625 PSI	194° F	6 - 16 GPM	1/2" F	(3) 6.5	1.15 lb
200076621	3625 PSI	194° F	6 - 16 GPM	1/2" F	(3) 7.0	1.15 lb
200076600	3625 PSI	194° F	6 - 16 GPM	1/2" F	(3) 7.5	1.15 lb
200076624	3625 PSI	194° F	6 - 16 GPM	1/2" F	(3) 8.0	1.15 lb
200076630	3625 PSI	194° F	6 - 16 GPM	1/2" F	(3) 10.0	1.15 lb
200076633	3625 PSI	194° F	6 - 16 GPM	1/2" F	(3) 11.0	1.15 lb
200076639	3625 PSI	194° F	6 - 16 GPM	1/2" F	(3) 13.0	1.15 lb
200076645	3625 PSI	194° F	6 - 16 GPM	1/2" F	(3) 15.0	1.15 lb

- 1/2" Stainless steel inlet
- Stainless steel injector nozzle
- Covers large areas
- 50° x 200 mm orifice
- Wider spray angle
- Throws foam 40 feet
- Foam injector required
- For applications of 6 GPM or higher



Scan QR code to watch a short demo

<https://www.youtube.com/watch?v=pCoizFgZakk>



Foam Brush and Foam Lances

TURBO FOAM BRUSH

Foam like your at a car wash, brush bristles made from Chinese Highland Hogs, soft for delicate surfaces



ORDER #	PRESSURE	TEMP.	INLET	FLOW RATE	ORIFICE	WEIGHT
200023710040	2200 PSI	122° F	1/4" FPT	6 GPM	4.0	1.35 lb
200023710080	2200 PSI	122° F	1/4" FPT	6 GPM	8.0	1.35 lb
200023710100	2200 PSI	122° F	1/4" FPT	6 GPM	10.0	1.35 lb
200023710130	2200 PSI	122° F	1/4" FPT	6 GPM	13.0	1.35 lb

- Increases volume of foam without changing chemical intake
- Reduces chemical intake without changing foam consistency



<https://www.youtube.com/watch?v=gHXs7VMZ4uk>

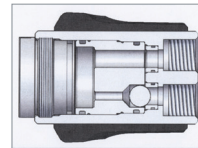
ST-175 FOAM LANCE (stainless steel)

ORDER #	PRESSURE	TEMP.	FLOW RATE	INLET	LENGTH	WEIGHT
200175420	5000 PSI	212° F	1-6 GPM	1/4" F	29 in.	2.7 lb
200175430	5000 PSI	212° F	1-6 GPM	1/4" F	47 in.	3.65 lb

- Stainless steel components
- Vented grip lance
- 1/4" turn for foam to rinse
- **Injector nozzle sold separately**



Twist for foam or rinse



Internal view



https://www.youtube.com/watch?v=2_sNFU9at0w



Vented grip handle



Use double nipple to attach accessories
#57040 Brass
#57049 S.S.
(see page 29)



ALSO AVAILABLE:

ST-58 Change-Over Valve



ORDER #	PRESSURE	TEMP.	INLET	WEIGHT
200058600	5000 PSI	200° F	1/4" FPT	.85 lb

- Stainless steel
- No roll-over nozzle
- Corrosive resistant

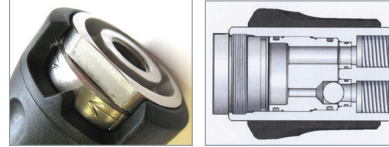
#200175420

#200175430

ST-176 FOAM LANCE *(stainless steel)*

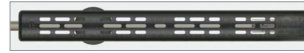
ORDER #	PRESSURE	TEMP.	FLOW RATE	INLET	LENGTH	WEIGHT
200176410	3625 PSI	212° F	6-16 GPM	1/4" F	27.5 in.	3.45 lb

- Stainless steel components
- Vented grip lance
- 1/4" turn for foam to rinse
- **Injector nozzle sold separately**



Twist for foam or rinse

Internal view



Vented grip handle



Use double nipple to attach accessories
#57040 Brass
#57049 S.S.
(see page 29)



ALSO AVAILABLE:

ST-58 Change-Over Valve



ORDER #	PRESSURE	TEMP.	INLET	WEIGHT
200058600	5000 PSI	200° F	1/4" FPT	.85 lb

- Stainless steel
- No roll-over nozzle
- Corrosive resistant

ST-72 FOAM LANCE

Air injector nozzle creates pressure

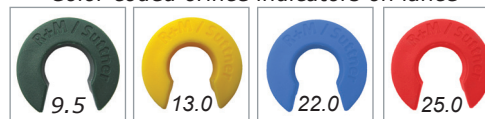
ORDER #	PRESSURE	TEMP.	ORIFICE	INLET	LENGTH	WEIGHT	COLOR
200072500	3625 PSI	130° F	9.5	1/4" M	23.5"	1.95 lb	Green
200072600	3625 PSI	130° F	9.5	1/4" M	47.25"	2.45 lb	Green
200072510	3625 PSI	130° F	13.0	1/4" M	23.5"	1.95 lb	Yellow
200072610	3625 PSI	130° F	13.0	1/4" M	47.25"	2.45 lb	Yellow
200072525	3625 PSI	130° F	22.0	1/4" M	23.5"	1.95 lb	Blue
200072526	3625 PSI	130° F	22.0	1/4" M	47.25"	2.45 lb	Blue
200072520	3625 PSI	130° F	25.0	1/4" M	23.5"	1.95 lb	Red
200072620	3625 PSI	130° F	25.0	1/4" M	47.25"	2.45 lb	Red

- Stainless steel with vented handle grip
- **Optimum foam created 130°F or less**



Vented grip handle

Color coded orifice indicators on lance



Orifice Indicator located on lance



FOOD
GRADE



ST-72F FOAM LANCE

Air injector nozzle creates pressure

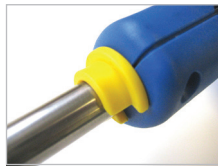
ORDER #	PRESSURE	TEMP.	ORIFICE	INLET	LENGTH	WEIGHT	COLOR
200072630	3625 PSI	130° F	9.5	1/4" MPT	23.5"	1.50 lb	Green
200072635	3625 PSI	130° F	13.0	1/4" MPT	23.5"	1.50 lb	Yellow
200072641	3625 PSI	130° F	22.0	1/4" MPT	23.5"	1.50 lb	Blue

- Stainless steel with vented handle grip
- Foam injector not required (consult tech support)
- **Optimum foam created 130°F or less**



Vented grip handle

Color coded orifice indicators on lance



Orifice Indicator located on lance

Foam Spray Guns



ST-2720F SPRAY GUN

ORDER #	PRESSURE	TEMP.	FLOW RATE	INLET	OUTLET	WEIGHT	BOX QTY
202720511	4000 PSI	300° F	18 GPM	3/8" FPT	1/4" FPT	1.30 lb	50

Repair Kit: #202710490

- Relax-Action™ is designed for operators and applications with longer periods of cleaning time
- Professional model with patented technology
- Orange trigger lock identifies foam spray gun
- Stainless steel housing and valve components
- **Chemical resistant**
- Private Label Availability
- **Optimum foam created 130°F or less**

ST-3225 INLINE SPRAY GUN

The ergonomic design of the ST-3225 helps reduce fatigue. Chemical resistant also makes this gun ideal for the food industry.



ORDER #	PRESSURE	TEMP.	FLOW RATE	INLET	OUTLET	WEIGHT	BOX QTY
203225545	870 PSI	212° F	31.5 GPM	1/2" FPT	1/2" FPT	1.64 lb	10

- LTF "Low Trigger Force" reduces pulling force by 40% and holding force by 90%
- Close trigger design
- Lightweight
- **Chemical Resistant**
- Stainless steel
- Private Label Availability
- **Optimum foam created 130°F or less**

Legend:



Low Friction Trigger: this gun's trigger system incorporates a ball between the trigger and piston rod contact area that rolls when triggered resulting in a much easier opening and holding.



Private Label Availability: Promote your company name or logo with customizing select spray guns' label.



Relax Action: German Engineered Technology reduces trigger pulling force by 40% and holding force up to 90% compared to standard spray guns. It is designed for operators and applications with longer periods of cleaning time.

ST-2605F SPRAY GUN

Ideal for foam application

ORDER #	PRESSURE	TEMP.	FLOW RATE	INLET	OUTLET	WEIGHT	BOX QTY
202605601	5000 PSI	300° F	12 GPM	3/8" FPT	1/4" FPT	1.28 lb	50

Repair Kit: #202300490

- Easiest opening and holding trigger in its class
- Proper spray angle for optimal positioning of pressure points
- Orange trigger lock identifies foam spray gun
- Private Label Availability
- Relax-Action™, German Engineered Technology reduces trigger pulling force by 40% and holding force up to 90% compared to standard spray guns
- Relax-Action™ is designed for operators and applications with longer periods of cleaning time



ST-2620F SPRAY GUN (high volume)

ORDER #	PRESSURE	TEMP.	FLOW RATE	INLET	OUTLET	WEIGHT	BOX QTY
202620511	4000 PSI	300° F	18 GPM	3/8" FPT	1/4" FPT	1.30 lb	50

Repair Kit: #202710490

- Relax-Action™, German Engineered Technology reduces trigger pulling force by 40% and holding force up to 90%
- Relax-Action™ is designed for operators and applications with longer periods of cleaning time
- Proper spray angle for optimal positioning of pressure points
- Orange trigger lock identifies foam spray gun
- Private Label Availability



ST-2620F SPRAY GUN w/ FOAM LANCE (stainless steel)

Ideal for foam application

ORDER #	PRESSURE	TEMP.	FLOW RATE	INLET	WEIGHT
202620915	4000 PSI	300° F	18 GPM	1/2" FPT	2.5 lb

Repair Kit: #202710490

- Relax-Action™ trigger, German Engineered Technology reduces trigger pulling force up to 40% and holding force up to 90%
- Relax-Action™ is designed for operators and applications with longer periods of cleaning time
- Forged brass housing for maximum strength
- Orange trigger lock identifies foam spray gun
- For injectors using compressed air
- 50° x 200 mm orifice



ST-3100 COUPLINGS *(stainless steel)*

ORDER #	PRESSURE	TEMP.	DESCRIPTION	WEIGHT
203100457	5000 PSI	302° F	1/2" FPT	.35 lb
203100656	5000 PSI	302° F	1/2" MPT	.35 lb

- High pressure couplings

ALSO AVAILABLE:

- Replacement O-rings *(two o-rings required)*

ORDER #	SIZE
050000660	18 x 2
050000670	15.1 x 2.7



FOOD
GRADE



#203100457 #203100656

ST-3100 PLUGS *(stainless steel)*

ORDER #	PRESSURE	TEMP.	DESCRIPTION	WEIGHT
040005665	5000 PSI	302° F	1/4" FPT Plug	.16 lb
040005661	5000 PSI	302° F	1/2" FPT Plug	.16 lb
040005662	5000 PSI	302° F	1/4" MPT Plug	.16 lb
040005659	5000 PSI	302° F	1/2" MPT Plug	.16 lb

- High pressure plugs



#040005659

#040005661



#040005662

#040005665

ST-75 REPLACEMENT SCREEN & PAD

ORDER #	DESCRIPTION
020000606	ST-75 replacement screen
040073503	ST-75 replacement pad



Place the mesh into the nozzle (folded end first)



#020000606



#040073503

REDUCING BUSHING *(stainless steel)*

ORDER #	PRESSURE	TEMP.	DESCRIPTION	WEIGHT
57559	5000 PSI	300° F	3/8" F x 1/2" M	.08 lb

FOOD
GRADE



DOUBLE NIPPLE *(stainless steel)*

ORDER #	PRESSURE	TEMP.	DESCRIPTION	WEIGHT
57049	5000 PSI	300° F	1/4" M x 1/4" M	.08 lb

FOOD
GRADE



DOUBLE NIPPLE *(brass)*

ORDER #	PRESSURE	TEMP.	DESCRIPTION	WEIGHT
57040	4000 PSI	300° F	1/4" M x 1/4" M	.08 lb



REDUCING NIPPLE *(stainless steel)*

ORDER #	PRESSURE	TEMP.	DESCRIPTION	WEIGHT
57549	5000 PSI	300° F	1/2" M x 1/4" F	.08 lb



Foaming Accessories



FOAM INJECTOR TWO COMPONENT INLET

(stainless steel)

ORDER #

200164355

- Easily connects to all chemical intake injectors
- Swiveling Inlet
- FEPM seals as standard



Shown here with injector-not included

FOOD GRADE



ST-161 METERING VALVE (stainless steel)

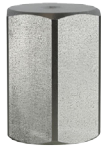
ORDER #	TEMP.	HOSE BARB	WEIGHT
200161500	212° F	.35"	1.75 lb

- Fits foam injectors: ST-160, ST-164, ST-166, ST-167 and ST-168
- Eliminates the need for dosing nozzles
- Adjustable



Easy to read dial

FOOD GRADE



ST-161 STOP NUT (stainless steel)

ORDER #

040003566

- Preset dosing valve and replace dial with stop nut so it can't be adjusted



Shown here with injector-not included

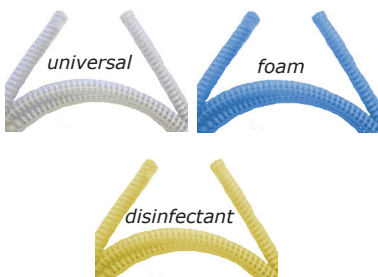


ST-32 CHEMICAL STRAINER (stainless steel)

Soap enters through strainer preventing debris from entering the pump. A durable alternative to lightweight strainers.

ORDER #	HOSE BARB	MATERIAL	WEIGHT
200032600	5/16" or 3/8"	Stainless Steel	.06 lb

- Chemical resistant plastic screen outperforms stainless steel screens
- Straight through design
- 4 ft clear hose available, #900000041



NYLON HOSES (reinforced pvc)

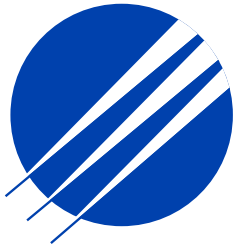
ORDER #	TEMP.	I.D.	COLOR
080000004	140° F	.35"	Clear (universal)
080000310	140° F	.35"	Blue (foam)
080000320	140° F	.35"	Yellow (disinfectant)

- Reinforced with (5) layers of PVC
- Price per foot (available in any length)



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