

STC Valve Newsletter

Spring Is In The Air

As we have moved past winter and into spring, we at STC Valve hope that you and yours have had very safe and wonderful holiday season! We hope that 2012 is full of growth and prosperity for you!

These past quarters have been filled with continuing to fine tune and develop our products, improving our relationships with our customers, and with visits to our factory in China! We hope that STC is continuing to provide you with the same excellent customer service and technical support, along with great products at competitive prices. As always, we are constantly seeking new ways to improve and we need YOU to let us know how we can serve you and/or your customers better!

We know that it's not an easy time to be in business, but we hope that with STC by your side, we can continue to thrive together no matter the economic climate!



STC 2011 Christmas Dinner

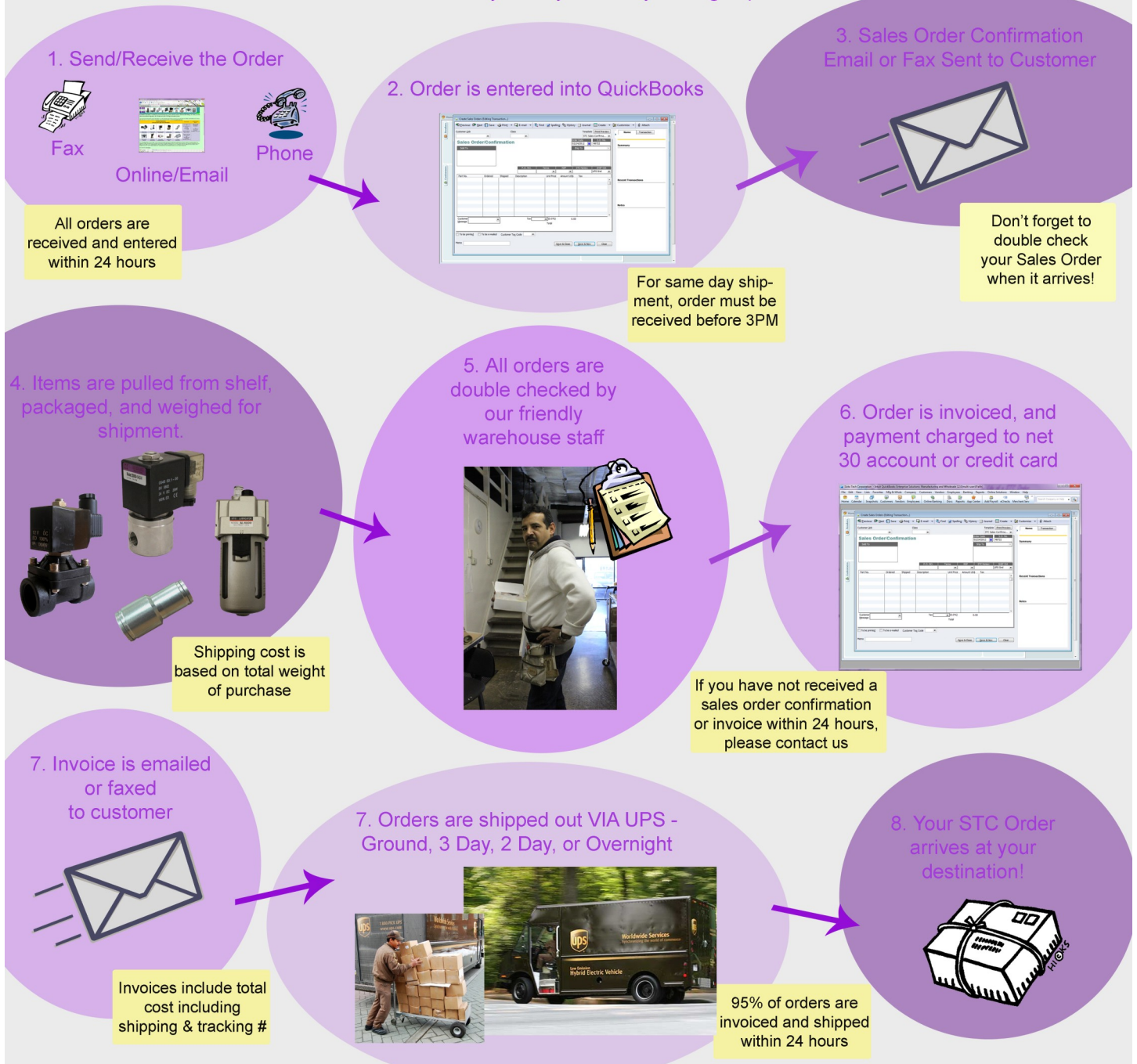
The STC Advantage

Here at STC, we pride ourselves at the many advantages we and our products can offer our customers. We hope not to only convince you through our words but by our proven history of the following advantages. In future newsletters we look forward to further telling you about just how advantageous your partnership with STC is!

- Fine Quality, Excellent Price & Service
- Live Customer Service & Technical Support
- Large Selection & Inventory
- Same Day Shipping (99%)
- Technical Product Information Availability
- Custom Part Availability

The Life of a STC Order

Ever wonder exactly what happens after you place your order? Here at STC we do our best to provide excellent products and service which starts at the ordering process. This includes a variety of quality checks, same day shipment, and providing all the information you may need at your fingertips!



Navigating the StcValve.com Website

We at STC like to think of our website at www.StcValve.com as a one-stop-shop for any information you might need regarding our products. However, as a result of our extensive catalogue of products, the website can be a bit cumbersome to navigate at first. As a result, we'd like to provide you with a guide of sorts to help you navigate the website and find exactly what you are looking for...

The Navigation Bar




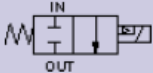
StcValve.com is a picture-driven site, and the navigation bar at the top of each page is your friendly, neighborhood chauffer. The navigation bar is accessible from any screen throughout the website, and allows you to quickly and easily return to the home screen or access any product category you'd like—from push in fittings to process valves to air cylinders. Additionally, the Career, Contact, Download, Espanol, Terms, and To Order links are available to you from wherever you may travel at StcValve.com

The Product Page

STC Solenoid Process Valves Selection Guide (click picture to get detail)							Actuated Valves	Manual Valves
Service	Air, Liquid, Oil, Water	Air, Liquid, Oil, Water	Air, Liquid, Oil, Water	Air, Liquid, Oil, Water, Steam	Air, Liquid, Oil, Water	Air, Liquid, Oil, Water	Air, Gas, Water, Liquid, Steam	Air, Gas, Water, Liquid, Steam
Specifications	Direct Acting Normally Closed Two Way Vacuum to 150PSI 14 -178 °F 5 to 248 °F (Viton)	Direct Lift Diaphragm Normally Closed Two Way Vacuum to 150 PSI 14 -178 °F 5 to 248 °F (Viton)	Direct Lift Diaphragm Normally Open Two Way Vacuum to 90 PSI 14 -178 °F 5 to 248 °F (Viton)	Pilot Piston Normally Closed Two Way 7 to 232 PSI 23 to 356 °F	High Pressure Normally Closed Two Way 0 to 1450 PSI	Engineered Nylon Zero Differential Normally Closed Two Way	Air Actuated Normally Closed/Open 2 & 3 Way Vacuum to 1000 PSI Temp: -40 to 450°F	Ball & Needle Valves Manual & Air Actuated Brass & Stainless Steel
Brass								
Stainless Steel								

After choosing a particular product category from the navigation bar, you will be taken to a product page. Like the navigation bar, the product page is picture-driven. After determining which product you are looking for by reading the Service & Specifications headers and choosing a material, you can simply click on the appropriate picture and you will be taken to a more detailed view of your chosen product.

Detailed Product View

16	2W160-1/2	\$87.30		1/2" NPT	1 =12VDC 2 =24VDC 2A =24VAC 3 =110VAC 4 =220VAC (50/60Hz)	Cv=4.8 Orifice:16mm	12-20W	Service: Air, Liquid, Oil, Water Direct Lift Diaphragm Normally Closed Two Way Diaphragm Brass Solenoid Valve Temperature: 14 -176 °F (-10 TO 80 °C), with NBR Seal; 5 to 248 °F (-15 TO 120 °C), with Viton Seal; Pressure: Vacuum to 150 PSI AC Coil Vacuum to 100 PSI DC Coil	 2W160-500.PDF
17	2W200-3/4	\$72.80		3/4" NPT		Cv=7.6 Orifice:20mm			
18	2W250-1	\$92.63		1" NPT		Cv=12 Orifice:25mm			
19	2W350-1 1/4	\$177.75		1-1/4" NPT		Cv=24 Orifice:35mm			
20	2W400-1 1/2	\$204.55		1-1/2" NPT		Cv=29 Orifice:40mm			

At this point, you have a more detailed view of the individual product you have chosen. Each size of the product will be listed, along with many characteristics that will help you make your final decision. If you'd like even more information about the particular valve, you can click directly on the picture to bring up specification information or you can click on the PDF link underneath the ANSI symbol in the far right-hand column to open or save a complete owner's manual.

Download Section

A. Download Catalog

Item	Click Link to Download	Description
1	STC Valves & Pneumatic Components	Complete STC 2011 Catalog
2	STC Air & Electric Actuated Ball Valve Catalog	Air & Electric Actuated Ball Valves
3	STC Air Actuated Angle Seat Valve Catalog	Air Actuated Angle Seat Valves
4	STC Compression Fittings	Stainless Steel Compression Fittings
5	STC Stainless Steel Push In Fittings	Stainless Steel Push In Fittings
6	2E Series High Pressure Solenoid Valves	High Pressure Solenoid Valve for Cryogenic and High Temperature Applications
7	2MS Series High Temperature/Steam Valve	High Pressure Solenoid Valve for High Temperature Applications
8	2LS Series Zero Differential High Temperature Valve	Zero Differential High Temperature Solenoid Valves
9	2S Series Zero Differential High Flow Valves	Zero Differential High Flow Solenoid Valves

The Download link, located on the far right-hand side of the navigation bar, will take you to the download section, where you can open or save the full STC catalogue, or just individual sections. The download section also has **Installation Instructions** and **Reference Information** to provide you with even more information about our products. Need to find out if your particular media is compatible with the valve material and seal material you are looking at? Look no further than the **Chemical Compatibility Chart** in the reference information section.

Ordering Online

QTY*	PART NO.*	DESCRIPTION (for solenoid valves - specify coil Voltage)	PRICE \$
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Ordering online is accessible through our website via the “To Order” link on the navigation bar. Simply choose “To Order Online,” fill out your contact, payment, and shipping information, along with the part numbers and quantity you’d like to order and hit Submit. You’ll receive a confirmation email from us shortly thereafter and you’ll be on your way to using STC products. You also have the option to fill out an email order form and order by email at order@StcValve.com or by fax at (650) 856-8811.

Ordering Part Number

Ordering Part No. = (eg. 4V110-06-1-D)

4V
1
10
06
1
D

Model	Valve Size	Solenoid Position	Port Size (NPT)		Voltage	Elec. Terminal
3A = 3 way air pilot valve	1 = 0.67 Cv	10 = 1 solenoid 2 position	05 = 10-32	Blank = Standard E = Namur Mounting/ Actuator Mounting	1 = 12VDC	D = DIN
3V = 3 way solenoid valve	2 = 0.89 Cv	20 = 2 solenoid 2 position	06 = 1/8		2 = 24 VDC	G = Grommet
4A = 4 way air pilot valve	3 = 1.68 Cv	30 = 2 solenoid 3 position	10 = 3/8		2A = 24 VAC	E = Explosion Proof
4V = 4 way solenoid valve	4 = 2.78 Cv		15 = 1/2		3 = 110VAC	
					4 = 220VAC	

Finally, if you’d like to place your order online (or by email), you’ll need to know the product number of the part you will be ordering. Each product section has a guide, like the one above, to guide you through the process of determining your specific part number which can be found at the **bottom** of the “To Order” Link Page. As always, if you have questions, feel free to call us at (650) 856-8833 or email us at sales@stcvalve.com and we will be more than happy to guide you through the ordering process.

Did You Know? (Helpful Tips from STC Valve) Part 2

Here at STC we strive to make every part of your ordering process from the moment we pick up the phone till we send out your invoice and items as efficient and helpful as possible to you. That being said, here is some handy information on our procedures that may help you in your next purchase

1. Need to make a **return**? Returns are only accepted 30 days after delivery date and a **return authorization number** must be issued in *advance* to return of item. For returns based on our limited warranty, we accept items within the one year after delivery time period– purchase has 30 days to return the goods after STC has agreed to the return.
2. Interested in a **career** at STC Valve? Check out our [career](#) page on our website, and/or submit your resume to personnel@stcvalve.com. We're hiring!
3. Want to know **when your package is coming**? You can always find your shipment tracking information below the "Ship to" address on your invoice. Simply go to the shipping method's site (UPS.com) and enter the tracking number to see where your package is!
4. Have any **questions**? We're here in the office from 7AM-5PM PST and we would love to help you out! Send us an email at sales@stcvalve.com or give us a call at 650-856-8833!

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STC is headquartered in Silicon Valley, USA, and has ISO certified design and manufacturing facilities and an extensive network of quality partners and suppliers in China. With the design technology, engineering and quality management from the USA, coupled with advanced manufacturing technology and efficiency from China, STC is well positioned to deliver products with advanced design, precision engineered, and fine quality at excellent prices. STC is equipped to provide custom made products with the most stringent requirements in quality, pricing, support and service.



connects *fluid* power to industrial automation™