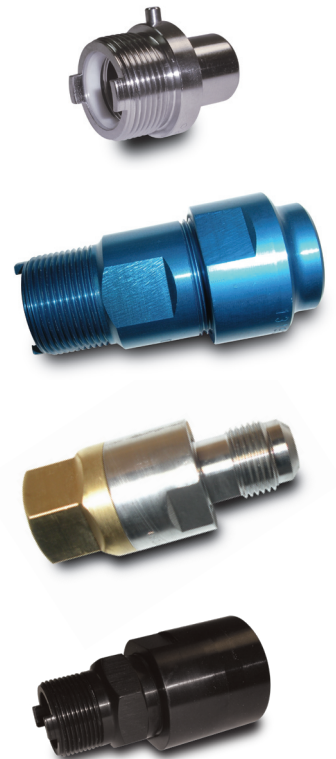
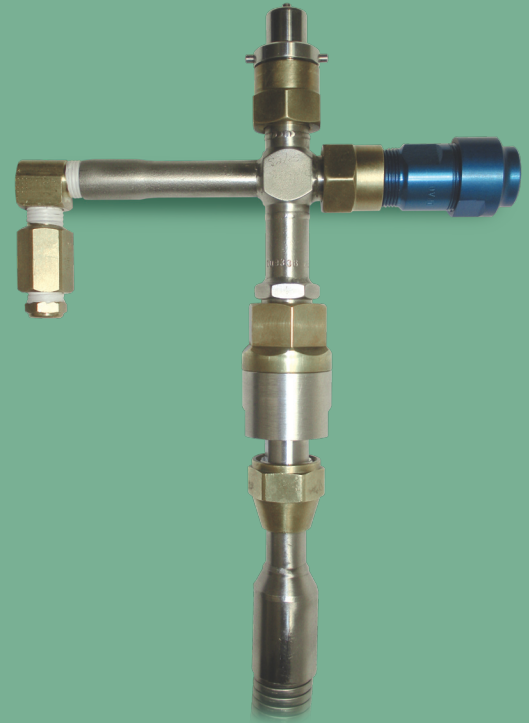




Superior  
Products, LLC.  
*Redefining Gas Management Systems*

## CRYOGENIC FILL PRODUCTS

Medical Quick Connects  
Transfer Hoses  
Fittings & Accessories







Superiors' liquid oxygen fill products allow you to make the connection from your delivery truck to the in home "base unit". We make it easy for you to create a hose system that can be used to fill up to three different types of "base units" from one hose. Our swivel union coupling

allows you to rotate from one connector to the next (up to three) without changing the hose or connectors. Our system is easy! Just follow these four easy steps to get the system you need or to help rotate pin style Quick-Connects.


## STEP 1 - CHOOSE YOUR HOSE

CHB = Brass End or CHS = Stainless Steel End or CHBT = Brass Ends with Tee

CGA 440 OXYGEN CRYOGENIC TRANSFER HOSE		OR	CHBT HOSE	
(B)=Brass Ends (S)=Stainless Steel Ends - Insert type of material  STAINLESS STEEL CHS-440-440-72  			 CHBT Hose 1150 PSI	
			<b>Add Relief Pressure (100, 125, 150)</b>	
CGA 440 female both ends 48" long	CH ( )-440-440-48	1/4" NPT - TEE	CHBT-440-440-48-4-( )	
CGA 440 female both ends 60" long	CH ( )-440-440-60	1/4" NPT - TEE	CHBT-440-440-60-4-( )	
CGA 440 female both ends 72" long	CH ( )-440-440-72	1/4" NPT - TEE	CHBT-440-440-72-4-( )	
CGA 440 female both ends 120" long	CH ( )-440-440-120	1/4" NPT - TEE	CHBT-440-440-120-4-( )	
CGA 440 female both ends 144" long	CH ( )-440-440-144	1/4" NPT - TEE	CHBT-440-440-144-4-( )	
Other lengths available. Call for part number.		1/8" NPT - TEE	CHBT-440-440-48-2-( )	
		1/8" NPT - TEE	CHBT-440-440-60-2-( )	
		1/8" NPT - TEE	CHBT-440-440-72-2-( )	
		1/8" NPT - TEE	CHBT-440-440-120-2-( )	
		1/8" NPT - TEE	CHBT-440-440-144-2-( )	

## STEP 2 - ADD SWIVEL UNION (optional)

**SWIVEL UNION**



9551-3

Swivel Union Male x Female
9551-3


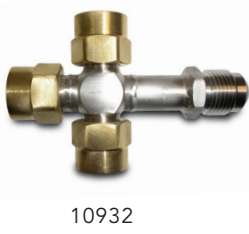

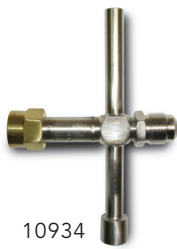


**Superior Products Quality Team**

Our Superior Products Quality Team makes sure every product meets the high standards that Superior sets. Only Superior Products carries the SPQT seal of approval.



## STEP 3 -

## CHOOSE FILL ADAPTOR





DESCRIPTION	PART NUMBER
	10931
	10932
	10933
	10934
Single Fill Adaptor with Relief Valve 100 P.S.I.	10934-100
Single Fill Adaptor with Relief Valve 125 P.S.I.	10934-125
Single Fill Adaptor with Relief Valve 150 P.S.I.	10934-150
2-Way Fill Adaptor with Relief Valve 100 P.S.I.	10933-100
2-Way Fill Adaptor with Relief Valve 125 P.S.I.	10933-125
2-Way Fill Adaptor with Relief Valve 150 P.S.I.	10933-150
3-Way Fill Adaptor (must be used with CHBT Hose)	10932
2-Way Fill Adaptor (must be used with CHBT Hose)	10931

## STEP 4 -

## CHOOSE QUICK CONNECT COUPLER(S)

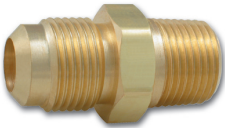
DESCRIPTION	PART NUMBER
	11193
	10938
	13193
	10940
	10941
	10942
Quick Connector coupler "C A", "MVE", "Caire" Style	11193
Quick Connector coupler "Penox" Style	10938
Quick Connector coupler "Puritan Bennett" Style	13193
Quick Connector coupler "Linde" Style	10940
Quick Connector coupler "Perry", "Invacare", "Mobilaire" Style	10941
Quick Connector coupler "Cryo II", "CMT", "Pulsair" Style	10942

### Example of Final System:

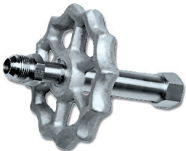

			
<b>CHS - 440 - 440 - 60</b>	<b>9551-3</b>	<b>10933-100</b>	<b>10942</b>
HOSE	SWIVEL UNION	FILL ADAPTOR	QUICK CONNECTORS
STEP 1	STEP 2	STEP 3	STEP 4





## FITTINGS & ACCESSORIES

FLARE TUBING ADAPTORS	CGA	CONNECTION	GAS	PART NO.
<b>500 PSI</b>  FA-4404 	CGA 440 male	5/8" flare x 1/4" MNPT	Cryogenic Oxygen	<b>FA-4402</b>
	CGA 440 male	5/8" flare x 3/8" MNPT	Cryogenic Oxygen	<b>FA-4403</b>
	CGA 440 male	5/8" flare x 1/2" MNPT	Cryogenic Oxygen	<b>FA-4404</b>
	CGA 440 male	5/8" flare x 3/4" MNPT	Cryogenic Oxygen	<b>FA-4405</b>

BULK TRANSFER HOSE	
 <p>Hose, 1" I.D.</p>	<p><b>How To Order</b> _____</p> <p><b>CBH - JIC 16* - JIC 16* - Inches</b> Insert length needed in inches</p> <p>*= Thread size 1 5/8 - 12    Seat 37 degree Flare</p>

QUICK CONNECT HANDWHEEL	QUICK CONNECT TEE HANDLE
 <p><b>500 PSI</b> STAINLESS STEEL</p> <p>Oxygen CGA 440 Handwheel    <b>HTC-440</b></p>	 <p><b>500 PSI</b> STAINLESS STEEL</p> <p>Oxygen CGA 440 Tee Handle    <b>CHTE-440</b></p>

CRYOGENIC PHASE SEPARATOR	FILL ELBOW
 <p><b>500 PSI</b> STAINLESS STEEL</p> <p>3/8" female NPT    <b>CPS-001</b></p>	 <p><b>500 PSI</b> STAINLESS STEEL</p> <p>Oxygen CGA 440    <b>CEL-440</b></p>

All products cleaned for oxygen service per CGA G-4.1