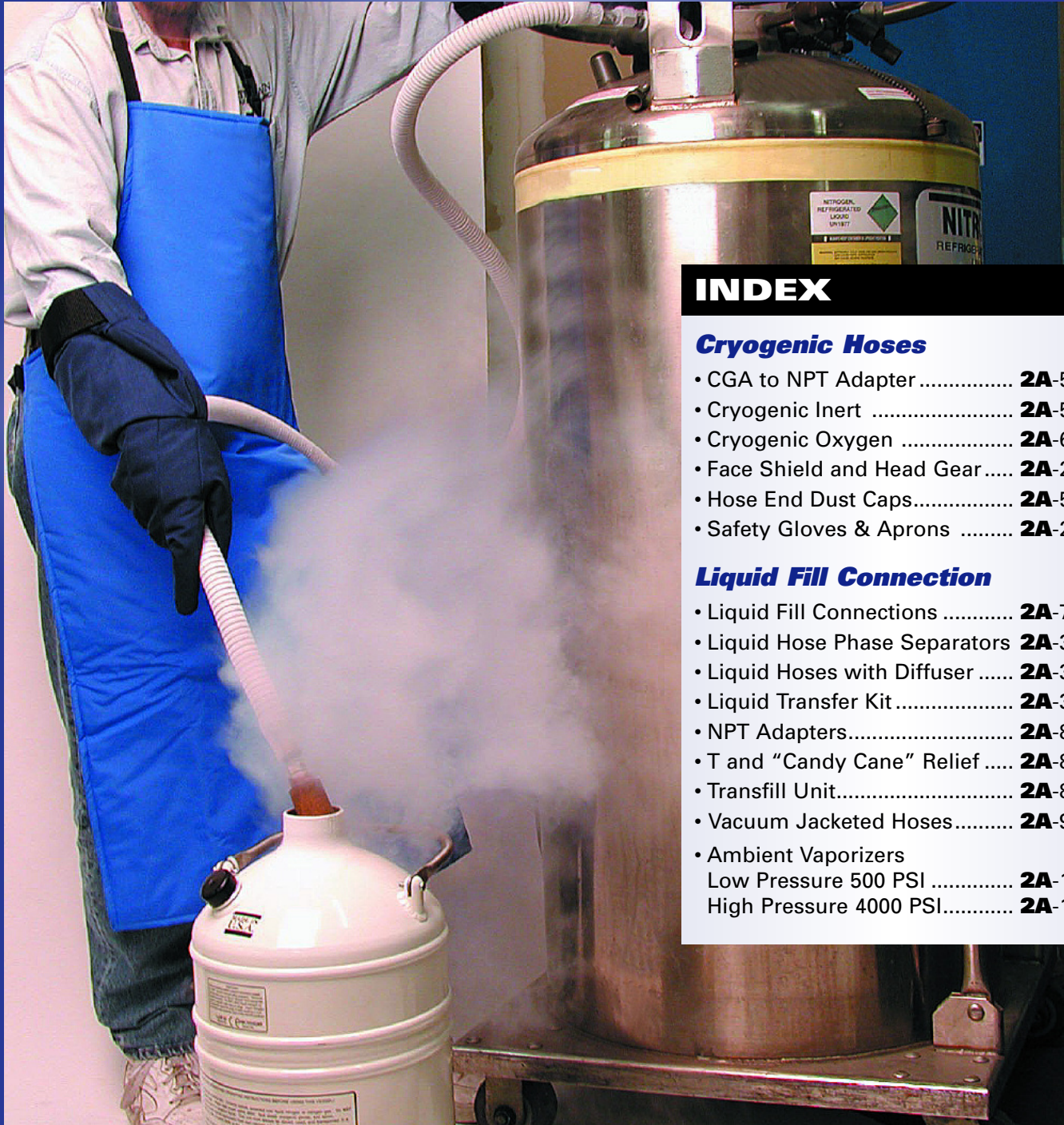
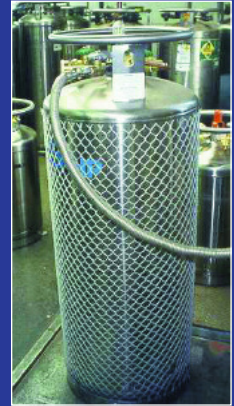


Cryogenic Hoses

Ratermann Manufacturing, Inc. carries a wide range of cryogenic hoses right off the shelf and can quickly build custom length hose assemblies.



INDEX

Cryogenic Hoses

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CRYO GLOVES & APRON

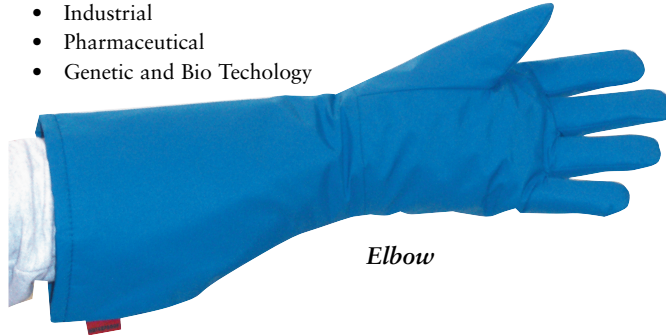
CRYO-GLOVES

Features

- Superior thermal protection
- Waterproof
- Comfortable / Lightweight / Excellent dexterity
- Breathable / Stay-dry lining
- Protection from splashes of cryogenic liquids
- Extra comfort when working in cryogenic atmospheres for extended periods

Environments

- Fertility Clinics
- Bio-Medical
- Industrial
- Pharmaceutical
- Genetic and Bio Technology



Elbow

Applications

- LN atmospheres and environments
- Refrigerated liquid baths
- Cryo freezers
- Cryogenic grinding

Waterproof Cryo-Gloves

Part #	Description	1+
CRY-GL1820WP-L	Cryo-Glove 18-20" (elbow) – large	155.67
CRY-GL1820WP-M	Cryo-Glove 18-20" (elbow) – medium	155.67
CRY-GL1820WP-XL	Cryo-Glove 18-20" (elbow) – extra large	155.67

CRYO-APRON

Features

- Superior thermal protection
- Waterproof
- Comfortable / Lightweight / Breathable
- Warmth and splash protection for torso and legs
- Adjustable straps at neck and waist
- Side release buckles for quick on/off

Applications

- Cold rooms / walk-in freezers
- Blast freezers
- Delivery and filling of cryogenic liquids
- HAZMAT® cryo liquid spill response

Environments

- Cryo preservation facilities
- Cryogenic liquid producers
- Clinical laboratory
- Bio-Medical
- Blood Banks
- Frozen food processing
- Pharmaceutical



Apron

* shown: cryo-gloves Pt # CRY-IG18G-WP

Cryo-Apron

Part #	Description	1+
CRY-AP36	Cryo-Apron – 36" / 90.85 cm	117.03
CRY-AP42	Cryo-Apron – 42" / 100.4 cm	128.40
CRY-AP48	Cryo-Apron – 48" / 121.75 cm	139.75
CRY-AP54	Cryo-Apron – 54" / 137.0 cm	151.12



SAFETY FIRST
WEAR PROTECTIVE APPAREL
WHEN RISK IS PRESENT

**KEEP GLOVES AND APRONS
READILY ACCESSIBLE**

*Caution: Not Intended for
Immersion in Liquid Nitrogen or
other Cryogenic Liquids*

Selection & Usage

- Proper fit contributes to product performance – a tight fit leads to thermal loss.
- Select the appropriate glove length and apron length for your specific application.
- Select *Waterproof Cryo-Gloves* for use in cryogenic atmospheres – glove fit should be loose enough to allow for quick removal if necessary.
- Select *Cryo-Industrial Gloves* when gloves are used in contact with abrasive surfaces.
- Store gloves and aprons in a clean dry space.
- Periodically inspect the condition of your gloves and aprons – replace garments that show excessive wear.

FACE SHIELD & HEAD GEAR



Face
Shield
and Head
Gear

Part #	Description
CRY-FS1	Face Shield
CRY-HG1	Head Gear

DRIVER'S CRYO-INDUSTRIAL GLOVES

Thermal protection in a rugged, abrasion resistant outer shell.

***Gauntlet style has velcro to tighten the glove on.**

Waterproof Cryo-Industrial Gloves*

Part #	Description	1+
CRY-IG12WWP-M	Wrist – 12" Waterproof Industrial Glove	124.99
CRY-IG12WWP-L	Wrist – 12" Waterproof Industrial Glove	124.99
CRY-IG12WWP-XL	Wrist – 12" Waterproof Industrial Glove	124.99
CRY-IG18GWP-M	Gauntlet – 18" Waterproof Industrial Glove	224.97
CRY-IG18GWP-L	Gauntlet – 18" Waterproof Industrial Glove	224.97
CRY-IG18GWP-XL	Gauntlet – 18" Waterproof Industrial Glove	224.97



Driver's
Cryo-
Industrial
Gloves

LIQUID HOSE PHASE SEPARATORS

LIQUID NITROGEN DIFFUSER



**Diffuser
Connects
Directly
to Male
NPT Hose**



Part # CRY-ACC18PS
1/8" FNPT x 1/2" OD x 1 3/16" L

**Most
Common
Size**



Part # CRY-ACC38PS
3/8" FNPT x 1 3/8" OD x 2 3/4" L



Part # CRY-ACC12PS
1/2" FNPT x 1 5/8" OD x 4 1/4" L

LIQUID TRANSFER KIT

Hose & Diffuser –

Armored Hose CGA-295 with 1/8" Diffuser

Part #	Hose Length	Description
FPA4D18	4'	CGA-295 w/ 1/8" Diffuser
FPA6D18	6'	CGA-295 w/ 1/8" Diffuser
FPA8D18	8'	CGA-295 w/ 1/8" Diffuser
FPA12D18	12'	CGA-295 w/ 1/8" Diffuser

Hose & Diffuser –

Armored Hose CGA-295 with 3/8" Diffuser

Part #	Hose Length	Description
FPA4D38	4'	CGA-295 w/ 3/8" Diffuser
FPA6D38	6'	CGA-295 w/ 3/8" Diffuser
FPA8D38	8'	CGA-295 w/ 3/8" Diffuser
FPA12D38	12'	CGA-295 w/ 3/8" Diffuser

Hose & Diffuser –

Armored Hose CGA-295 with 1/2" Diffuser

Part #	Hose Length	Description
FPA4D12	4'	CGA-295 w/ 1/2" Diffuser
FPA6D12	6'	CGA-295 w/ 1/2" Diffuser
FPA8D12	8'	CGA-295 w/ 1/2" Diffuser
FPA12D12	12'	CGA-295 w/ 1/2" Diffuser



Part # FPA4D38

LIQUID HOSES WITH DIFFUSER

ARMORED HOSE WITH FAST CHANGING ADAPTER STYLE DIFFUSER

CGA-295 x 1/8" Diffuser with Adapter



Armored Hose CGA-295 with 1/8" Diffuser with Adapter

Part #	Hose Length	Description
FPA4D18-A	4'	CGA-295 with 1/8" Diffuser
FPA6D18-A	6'	CGA-295 with 1/8" Diffuser
FPA8D18-A	8'	CGA-295 with 1/8" Diffuser
FPA12D18-A	12'	CGA-295 with 1/8" Diffuser

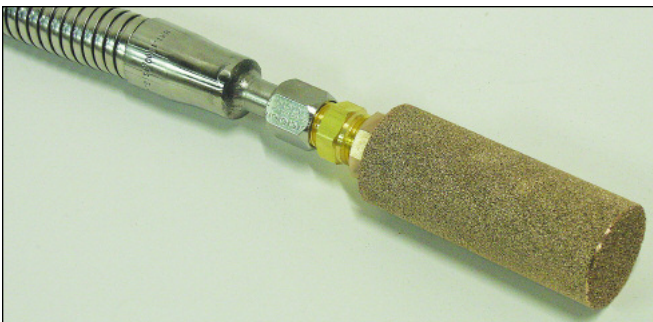
CGA-295 x 3/8" Diffuser with Adapter



Armored Hose CGA-295 with 3/8" Diffuser with Adapter

Part #	Hose Length	Description
FPA4D38-A	4'	CGA-295 with 3/8" Diffuser
FPA6D38-A	6'	CGA-295 with 3/8" Diffuser
FPA8D38-A	8'	CGA-295 with 3/8" Diffuser
FPA12D38-A	12'	CGA-295 with 3/8" Diffuser

CGA-295 x 1/2" Diffuser with Adapter



Armored Hose CGA-295 with 1/2" Diffuser with Adapter

Part #	Hose Length	Description
FPA4D12-A	4'	CGA-295 with 1/2" Diffuser
FPA6D12-A	6'	CGA-295 with 1/2" Diffuser
FPA8D12-A	8'	CGA-295 with 1/2" Diffuser
FPA12D12-A	12'	CGA-295 with 1/2" Diffuser

FAST CHANGE DIFFUSER WITH CGA ADAPTER

FOR USE WITH CGA-295 HOSE END

One Hose Can be Used for Different Diffuser Sizes



Part #
CRYAC18PSCGA295

Part #
CRYAC38PSCGA295

Part #
CRYAC12PSCGA295

Diffuser and Adapter

Includes Phase separator and adapters

for Liquid Nitrogen, Use with CGA-295 Cryogenic Hose

Part #	Description
CRYAC18PSCGA295	1/8" NPT Phase Separator Use to attach to a hose end of CGA-295
CRYAC38PSCGA295	3/8" NPT Phase Separator Use to attach to a hose end of CGA-295
CRYAC12PSCGA295	1/2" NPT Phase Separator Use to attach to a hose end of CGA-295

* Hose not included with kits – Use CGA-295 Hose Ends.

Choose
from Three
Sizes of
Diffusers
Includes
Armored
Hose and
Diffuser



CRYO LIQUID HOSES INERT

SUPERFLEX INERT CRYOGENIC LIQUID CYLINDER HOSES

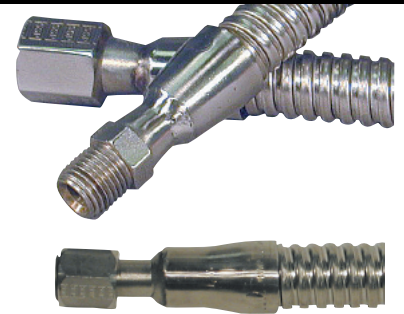


Transfer Hose for Nitrogen and Argon

1/2" inner diameter standard duty stainless steel hose to provide a dependable, high pressure hose for your cryogenic transfer applications. Machine flare ends and stainless steel hex nuts are standard of these hoses.

Stamped with 1000 PSIG MAWP, and month/year of manufacturer.

** Not cleaned for Oxygen Service*



INLET	OUTLET
CGA 295	CGA 295
INLET	OUTLET
CGA 295	3/8" MNPT Male
INLET	OUTLET
CGA 295	1/2" MNPT Male

Without Armor Casing

Hose Length	Part #
48"	FP-CGA295-CH-48
72"	FP-CGA295-CH-72
10'	FP-CGA295-CH-120
12'	FP-CGA295-CH-144
20'	FP-CGA295-CH-240

With Armor Casing

Hose Length	Part #
48"	FP-A-CGA295-CH-48
72"	FP-A-CGA295-CH-72
10'	FP-A-CGA295-CH-120
12'	FP-A-CGA295-CH-144
20'	FP-A-CGA295-CH-240

Without Armor Casing

Hose Length	Part #
48"	FP-M38CGA295-CH-48
72"	FP-M38CGA295-CH-72
10'	FP-M38CGA295-CH-120
12'	FP-M38CGA295-CH-144
20'	FP-M38CGA295-CH-240

With Armor Casing

Hose Length	Part #
48"	FP-A-M38CGA295-CH-48
72"	FP-A-M38CGA295-CH-72
10'	FP-A-M38CGA295-CH-120
12'	FP-A-M38CGA295-CH-144
20'	FP-A-M38CGA295-CH-240

Without Armor Casing

Hose Length	Part #
48"	FP-M12CGA295-CH-48
72"	FP-M12CGA295-CH-72
10'	FP-M12CGA295-CH-120

With Armor Casing

Hose Length	Part #
48"	FP-A-M12CGA295-CH-48
72"	FP-A-M12CGA295-CH-72
10'	FP-A-M12CGA295-CH-120

ORDER CUSTOM LENGTH HOSE

Type Hose	With or Without Armor Casing	INLET		OUTLET		Length Hose <input type="checkbox"/> Inches Pt # CH _____ IN
	<input type="checkbox"/> Armor Standard Pt # A <input type="checkbox"/> Non-Armor Standard Pt # N	Choose Your Hose End Pt # CGA 295 – Pt # CGA295 3/8 NPT Male Pt # M38 1/2 NPT Male Pt # M12	Choose Your Hose End Pt # CGA 295 – Pt # CGA295 3/8 NPT Male Pt # M38 1/2 NPT Male Pt # M12			
FP						
FP - _____ - _____ - _____ - CH _____ IN						

► Please be careful to select the correct custom hose configuration.

*Custom length hoses are not returnable for either credit or refund.

HOSE END DUST CAPS

Keep dirt and bugs out of hose while in storage.



CGA 295 Inert

Part No.	Description
Cap-295Hose	Hose Plug & Chain

HOSE COUPLER

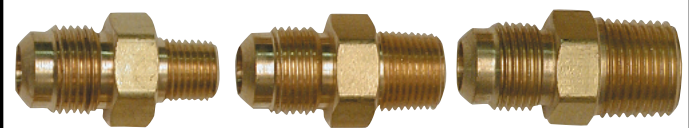
CGA-295 Inert



Part # CGA-295COU

CGA TO NPT ADAPTER

Hose Adapters for CGA-295 to NPT Fitting - O.D. Hex is 7/8"



1/4" NPT Male
Part # CGA-29514

3/8" NPT Male
Part # CGA-29538

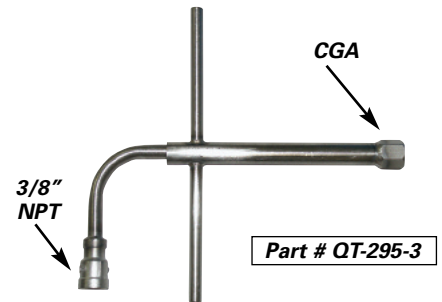
1/2" NPT Male
Part # CGA-29512

LIQUID FILLING CONNECTIONS

DEWAR LIQUID FILLING CONNECTION



The Quick Fill Wrench is a *Quick On and Off* Connection for Liquid Containers from 160 to 250 Liter Sizes. You will never again have to search for a wrench and your wrench replacement program will simply disappear.



Connect your Dewar quickly for fast hookup and filling.

Wear protective equipment to insure safety when filling. Please see page 2A-2

Features

- Tee Handle Eliminates Need for Separate Wrenches
- 1/2" Flare Dewar Connection
- Quick Spin On and Off Dewar Connection
- Polished Stainless Steel Construction
- No More Lost Wrenches
- No More Wasted Time Searching for Wrenches

Dewar Liquid Filling Connection

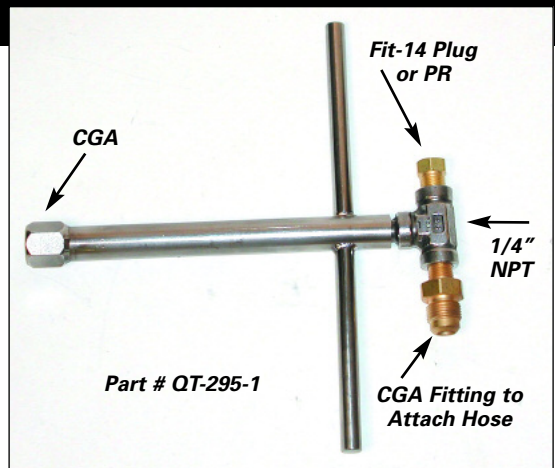
Part #	Description
QT-295-2	CGA 295 – Inert Gas 45° angle
QT-440-2	CGA 440 – Oxygen 45° angle
QT-295-3	CGA 295 – Inert Gas 90° angle
QT-440-3	CGA 440 – Oxygen 90° angle

**Hose not included.*

90° CGA 295 Extension



DEWAR LIQUID FILLING CONNECTION



Dewar Liquid Filling Connection

Part #	Description
QT-295-1	CGA 295 – Inert Gas
QT-440-1	CGA 440 – Oxygen

**Hose not included.*

LIQUID HOSES

T AND "CANDY CANE" RELIEF

1/4" NPT Safety Pressure Relief



1/4" NPT Safety Pressure Relief

Part #	Description
PR-22	22 PSI
PR-35	35 PSI
PR-50	50 PSI
PR-75	75 PSI
PR-100	100 PSI
PR-125	125 PSI
PR-150	150 PSI
PR-175	175 PSI
PR-200	200 PSI
PR-230	230 PSI
PR-235	235 PSI
PR-350	350 PSI
PR-375	375 PSI
PR-400	400 PSI
PR-425	425 PSI
PR-450	450 PSI
PR-500	500 PSI
PR-700	700 PSI

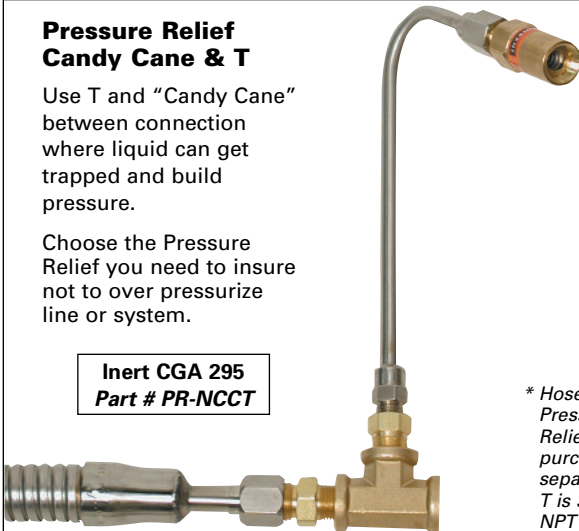
Custom Pressure Settings Also Available

Pressure Relief Candy Cane & T

Use T and "Candy Cane" between connection where liquid can get trapped and build pressure.

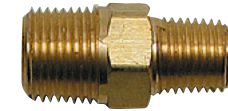
Choose the Pressure Relief you need to insure not to over pressurize line or system.

Inert CGA 295
Part # PR-NCCT



* Hose and Pressure Relief purchased separately. T is 3/8" NPT female

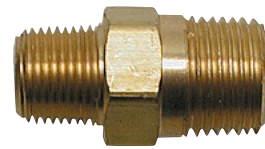
NPT Adapters



3/8" To 1/4" Male NPT
Part # FIT-M38M14



3/8" To 3/8" Male NPT
Part # FIT-M38M38



3/8" To 1/2" Male NPT
Part # FIT-M38M12

Most common

Part # PR-CC295

Part # PR-CC

Part #	Description
*PR-CC295	For Nitrogen Candy Cane & T Pressure Relief Kit 3/8" NPT Male CGA 295
*PR-CC440	For Oxygen Candy Cane & T Pressure Relief Kit 3/8" NPT Male CGA 440
PR-CC	Candy Cane with 1/4" NPT Female for Pressure Relief
PR-CCT	Candy Cane & T for Pressure Relief without CGA Hookup 3/8" NPT Female
FIT-M38M14	Adapter to 1/4" NPT
FIT-M38M38	Adapter to 3/8" NPT
FIT-M38M12	Adapter to 1/2" NPT

* Pressure Reliefs – Need to order desired Pressure Reliefs Separately. Not included with Candy Cane or T.

COMPLETE TRANSFILL UNIT FOR DEWARs

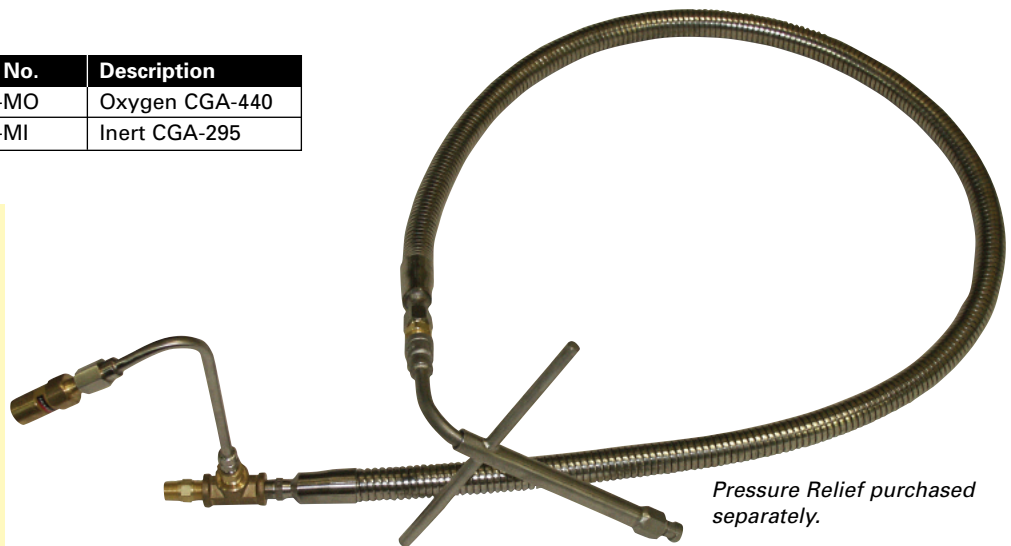
Unit Includes

- Candy Cane / T / 3/8" NPT
- 6 Foot Armored Hose and
- Quick Turn CGA Fill Tool

Part No.	Description
CRY-MO	Oxygen CGA-440
CRY-MI	Inert CGA-295



Available See Page 6B-11



Pressure Relief purchased separately.

Photo shown with Optional Pressure Relief and NPT Adapter. Choose NPT Adapter from above

VACUUM JACKETED HOSES

3 FT. THROUGH 25 FT. FOR LN2 CGA 295 - 3/8" & 1/2" NPT

End Connections

*CGA-295 Inert**Male Pipe Thread**Female Pipe Thread*

Specifications

Size	3/8" ID x 1 1/2" OD (Inner Hose) (Outside Armor Flex)	1/2" ID x 1 1/8" OD (Inner Hose) (Outside Armor Flex)
Pressure Rating	150 psi	150 psi
Material	304 SS w/ Vacuum Superinsulation	304 SS w/ Vacuum Superinsulation
Minimum Bend Radius	4 1/2"	6"
Length	3' through 25' std (Other custom configurations available)	3' through 25' std (Other custom configurations available)
End Connections	as needed	as needed

Not for use with oxygen

Vacuum Jacketed Hoses

3/8" I.D. 150 PSI CGA 295 x CGA 295*Also available with female ends*

Size	Part Number	Description
3'	VS-38ID36CGA295	3 foot Vacuum Jacketed Hose, 3/8" ID, CGA-295 x CGA-295
4'	VS-38ID48CGA295	4 foot Vacuum Jacketed Hose, 3/8" ID, CGA-295 x CGA-295
5'	VS-38ID60CGA295	5 foot Vacuum Jacketed Hose, 3/8" ID, CGA-295 x CGA-295
6'	VS-38ID72CGA295	6 foot Vacuum Jacketed Hose, 3/8" ID, CGA-295 x CGA-295
10'	VS-38ID120CGA295	10 foot Vacuum Jacketed Hose, 3/8" ID, CGA-295 x CGA-295

3/8" I.D. 150 PSI CGA 295 x 3/8" Male NPT

Size	Part Number	Description
3'	VS-38ID36CGA295M38	3 foot Vacuum Jacketed Hose, 3/8" ID, CGA-295 x 3/8" MNPT
4'	VS-38ID48CGA295M38	4 foot Vacuum Jacketed Hose, 3/8" ID, CGA-295 x 3/8" MNPT
5'	VS-38ID60CGA295M38	5 foot Vacuum Jacketed Hose, 3/8" ID, CGA-295 x 3/8" MNPT
6'	VS-38ID72CGA295M38	6 foot Vacuum Jacketed Hose, 3/8" ID, CGA-295 x 3/8" MNPT
10'	VS-38ID120CGA295M38	10 foot Vacuum Jacketed Hose, 3/8" ID, CGA-295 x 3/8" MNPT

1/2" I.D. 150 PSI CGA 295 x CGA 295*Also available with female ends*

Size	Part Number	Description
3'	VS-12ID36CGA295	3 foot Vacuum Jacketed Hose, 1/2" ID, CGA-295 x CGA-295
4'	VS-12ID48CGA295	4 foot Vacuum Jacketed Hose, 1/2" ID, CGA-295 x CGA-295
5'	VS-12ID60CGA295	5 foot Vacuum Jacketed Hose, 1/2" ID, CGA-295 x CGA-295
6'	VS-12ID72CGA295	6 foot Vacuum Jacketed Hose, 1/2" ID, CGA-295 x CGA-295
10'	VS-12ID120CGA295	10 foot Vacuum Jacketed Hose, 1/2" ID, CGA-295 x CGA-295

1/2" I.D. 150 PSI CGA 295 x 1/2" Male NPT

Size	Part Number	Description
3'	VS-12ID36CGA295M12	3 foot Vacuum Jacketed Hose, 1/2" ID, CGA-295 x 1/2" MNPT
4'	VS-12ID48CGA295M12	4 foot Vacuum Jacketed Hose, 1/2" ID, CGA-295 x 1/2" MNPT
5'	VS-12ID60CGA295M12	5 foot Vacuum Jacketed Hose, 1/2" ID, CGA-295 x 1/2" MNPT
6'	VS-12ID72CGA295M12	6 foot Vacuum Jacketed Hose, 1/2" ID, CGA-295 x 1/2" MNPT
10'	VS-12ID120CGA295M12	10 foot Vacuum Jacketed Hose, 1/2" ID, CGA-295 x 1/2" MNPT

Vacuum Jacketed Cryogenic Hoses

AMBIENT VAPORIZERS

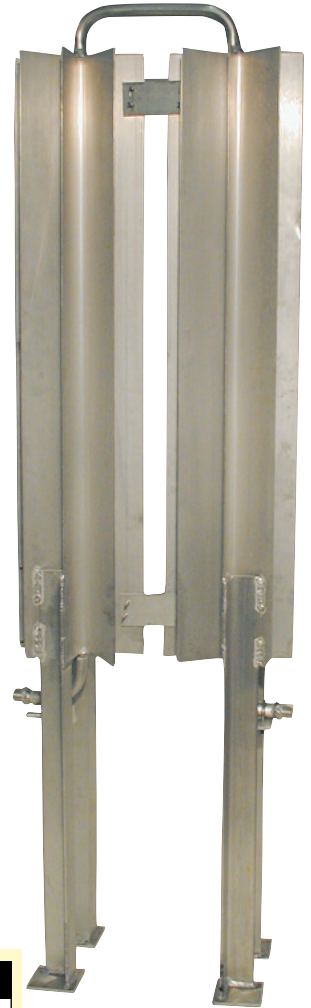
LOW PRESSURE 500 PSI

Low Pressure Ambient Vaporizers are 500 PSIG MAWP. The capacity ratings are based on an 8 hour day at 70° F and 70% RH. The capacity ratings are also based on Oxygen or Nitrogen. The Carbon Dioxide rating is 25 pounds/hour per extrusion. For Hydrogen add 35% capacity. Methane/Natural Gas – 335 SCFH/extrusion Helium – 1000 SCFH/extrusion

Extrusion Length: 7 feet
External Surface Area per Linear Foot of Extrusion: 5 square feet
Internal Surface Area per Linear Foot of Extrusion: 0.334 square feet

Part #	Standard Cubic Feet / Hour	Dimensions	Connection
VAP-2LP	1,000	10" L x 18.5" W x 108" H	1/2" x 1/2" MPT
VAP-4LP	2,000	19.25" L x 19.25" W x 108" H	1/2" x 1/2" MPT
VAP-6LP	3,000	19.25" L x 28.5" W x 108" H	1/2" x 1/2" MPT
VAP-8LP	4,000	19.25" L x 37.75" W x 108" H	1/2" x 1/2" MPT
VAP-10LP	5,000	19.25" L x 47" W x 108" H	1/2" x 1/2" MPT
VAP-12LP	6,000	28.5" L x 37.75" W x 108" H	1/2" x 3/4" MPT
VAP-16LP	8,000	37.75" L x 37.75" W x 108" H	1/2" x 3/4" MPT
VAP-20LP	10,000	37.75" L x 47" W x 108" H	1/2" x 3/4" MPT
VAP-24LP	12,000	37.75" L x 56.25" W x 108" H	1/2" x 1" MPT
VAP-30LP	15,000	47" L x 56.25" W x 108" H	1/2" x 1 1/2" MPT
VAP-36LP	18,000	56.25" L x 56.25" W x 108" H	1/2" x 1 1/2" MPT
VAP-40LP	20,000	47" L x 74.75" W x 108" H	1/2" x 1 1/2" MPT
VAP-42LP	21,000	56.25" L x 65.5" W x 108" H	1" x 1 1/2" MPT
VAP-48LP	24,000	56.25" L x 74.75" W x 108" H	1" x 1 1/2" MPT
VAP-56LP	28,000	65.5" L x 74.75" W x 108" H	1" x 1 1/2" MPT
VAP-64LP	32,000	74.75" L x 74.75" W x 108" H	1" x 1 1/2" MPT
VAP-72LP	36,000	74.75" L x 84" W x 108" H	1" x 1 1/2" MPT
VAP-81LP	40,500	84" L x 84" W x 108" H	1/2" x 1/2" MPT
VAP-90LP	45,000	84" L x 93.25" W x 108" H	1" x 1 1/2" MPT
VAP-100LP	50,000	93.25" L x 93.25" W x 108" H	1" x 2" MPT

Call for Pricing Info



Tank Mount Vaporizers	Part #	Standard Cubic Feet / Hour	Dimensions	Connection
	VAP-500TM	500	10" L x 18.5" W x 47" H	1/2" x 1/2" MPT
	VAP-1000TM	1,000	19.25" L x 19.25" W x 47" H	1/2" x 1/2" MPT

HIGH PRESSURE 4000 PSI

High Pressure Ambient Vaporizers are 4,000 PSIG MAWP. The capacity ratings are based on an 8 hour day at 70° F and 70% RH. The capacity ratings are also based on Oxygen or Nitrogen.

Extrusion Length: 7 feet
External Surface Area per Linear Foot of Extrusion: 5 square feet
Internal Surface Area per Linear Foot of Extrusion: 0.1052 square feet

Part #	Standard Cubic Feet / Hour	Dimensions	Connection
VAP-2HP	1,000	10" L x 18.5" W x 108" H	1/2" x 1/2" MPT
VAP-4HP	2,000	19.25" L x 19.25" W x 108" H	1/2" x 1/2" MPT
VAP-6HP	3,000	19.25" L x 28.5" W x 108" H	1/2" x 1/2" MPT
VAP-8HP	4,000	19.25" L x 37.75" W x 108" H	1/2" x 1/2" MPT
VAP-10HP	5,000	19.25" L x 47" W x 108" H	1/2" x 1/2" MPT
VAP-12HP	6,000	28.5" L x 37.75" W x 108" H	1/2" x 1/2" MPT
VAP-16HP	8,000	37.75" L x 37.75" W x 108" H	1/2" x 1/2" MPT
VAP-20HP	10,000	37.75" L x 47" W x 108" H	1/2" x 1/2" MPT
VAP-24HP	12,000	37.75" L x 56.25" W x 108" H	1/2" x 1/2" MPT
VAP-30HP	15,000	47" L x 56.25" W x 108" H	1/2" x 1/2" MPT
VAP-36HP	18,000	56.25" L x 56.25" W x 108" H	1/2" x 1/2" MPT
VAP-40HP	20,000	47" L x 74.75" W x 108" H	1/2" x 1/2" MPT
VAP-42HP	21,000	56.25" L x 65.5" W x 108" H	1/2" x 1/2" MPT
VAP-48HP	24,000	56.25" L x 74.75" W x 108" H	1/2" x 1/2" MPT
VAP-56HP	28,000	65.5" L x 74.75" W x 108" H	1/2" x 1/2" MPT
VAP-64HP	32,000	74.75" L x 74.75" W x 108" H	1/2" x 1/2" MPT
VAP-72HP	36,000	74.75" L x 84" W x 108" H	1/2" x 1/2" MPT
VAP-81HP	40,500	84" L x 84" W x 108" H	1/2" x 1/2" MPT
VAP-90HP	45,000	84" L x 93.25" W x 108" H	1/2" x 1/2" MPT
VAP-100HP	50,000	93.25" L x 93.25" W x 108" H	1/2" x 1/2" MPT

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