



RESPIRATORY

ANESTHESIA

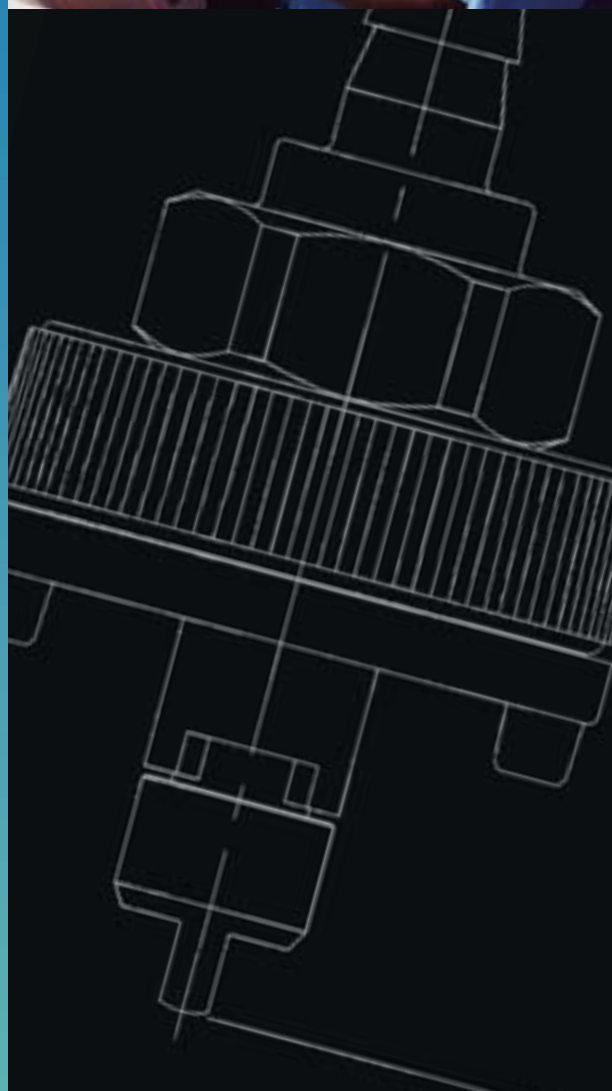
SURGICAL

DENTAL

ER/EMS

CLINICAL ENGINEERING

HOME CARE





Founded in 1979, Bay Corporation was established in response to the medical industry's need for a reliable source of quality medical gas fittings and connections. Today, we are considered the leading independent medical gas fittings, connections, adaptors and hose manufacturer for Respiratory, Anesthesia, Surgical, Dental, Emergency Care, and Home Care equipment. Our products are used by Original Equipment Manufacturers, Medical Device Distributors, Medical Equipment Repair and Refurbishing companies, and Hospital Biomedical personnel around the world.

Bay Corporation is committed to serving our customers' needs as we strive to provide a great place to work for our employees. We are dedicated to providing a professional and ethical atmosphere, which is reflected in our extensive line of products and customer service. In addition, we are known for our quick, off-the-shelf delivery of in-stock products. With 33,000 square feet, our manufacturing facility is designed to meet the growing needs of our customers.

We sincerely appreciate your consideration of Bay Corporation and look forward to serving you.

We are ***Your Medical Gas Fittings Specialist™!***

Color-coding Explanation

Color-coding is used as a gas identifier worldwide for medical gas fittings and connections. The following color-coding chart is for your assistance.

	USA	ISO
Carbon Dioxide	 Grey	 Grey
He-O ₂	 Brown and Green	 Brown and White
Medical Air	 Yellow	 Black and White
Nitrogen	 Black	 Black
Nitrous Oxide	 Blue	 Blue
O ₂ -He	 Green and Brown	 White and Brown
Oxygen	 Green	 White
Vacuum (Suction)	 White	 Yellow
WAGD (EVAC)	 Purple	 Purple

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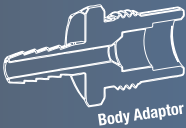
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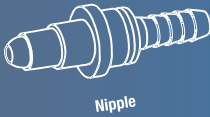


DISS Nuts

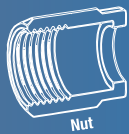
200 psi max • DISS explanation found on page 50



Body Adaptor



Nipple



Nut

1.888.835.3800

Hex Nut *(Gas Service Stamped on Nut)*



3/4"-16 Thread

Carbon Dioxide, DISS 1080-A	1084A
He-O ₂ mixture (I), DISS 1060-A	1064A
Medical Air, DISS 1160-A	1164A
Nitrogen, DISS 1120-A	1124A
Nitrous Oxide, DISS 1040-A	1044A
O ₂ -He mixture (II), DISS 1180-A	1184A
Vacuum (Suction), DISS 1220	1224

7/8"-14 Thread

Instrument Air (III), DISS 2080	2084
WAGD (EVAC), DISS 2220	2224

Hand-Tight Nut *(Color-Coded for Gas Service)*



U.S. Color-Coded 3/4"-16 Thread

Carbon Dioxide, DISS 1080-A.....Grey	1084AHT
Medical Air, DISS 1160-A.....Yellow.....	1164AHT
Nitrogen, DISS 1120-A.....Black.....	1124AHT
Nitrous Oxide, DISS 1040-A.....Blue	1044AHT
Vacuum (Suction), DISS 1220.....White.....	1224HT

7/8"-14 Thread

WAGD (EVAC), DISS 2220.....Purple.....	2224HT
--	--------

ISO Color-Coded

Medical Air, DISS 1160-A.....Black & White...	1164AHTC
Vacuum (Suction), DISS 1220.....Yellow.....	1224HTC

Cap & Chain Assembly (IV)



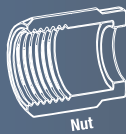
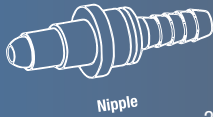
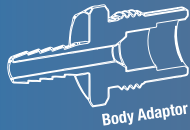
3/4"-16 Thread

Carbon Dioxide, He-O ₂ mixture (I), Medical Air, Nitrogen, Nitrous Oxide, O ₂ -He mixture (II), Vacuum (Suction)	1000CP
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7/8"-14 Thread

Instrument Air (III), WAGD (EVAC)	2000CP
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- Note:**
- (I) - Heliox mixtures: Helium over 80%.
 - (II) - Heliox mixtures: Helium not over 80%.
 - (III) - Intended for the powering of medical devices unrelated to human respiration.
 - (IV) - Provides a leak-tight seal rated at 200 psi gas service.



DISS Body Adaptors

200 psi max • Gas service stamped on body adaptors • DISS explanation found on page 50

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Body Adaptor, 1/8" NPT Male



3/4"-16 Thread

He-O ₂ mixture (I), DISS 1060-A.....	1061-2
Medical Air, DISS 1160-A	1161-2
Nitrogen, DISS 1120-A	1121-2
Nitrous Oxide, DISS 1040-A	1041-2
O ₂ -He mixture (II), DISS 1180-A.....	1181-2
Vacuum (Suction), DISS 1220	1221-2

7/8"-14 Thread

Instrument Air (III), DISS 2080.....	2081-2
WAGD (EVAC), DISS 2220.....	2221-2

Body Adaptor, 1/4" NPT Male



3/4"-16 Thread

Carbon Dioxide, DISS 1080-A	1081-4
He-O ₂ mixture (I), DISS 1060-A.....	1061-4
Medical Air, DISS 1160-A	1161-4
Nitrogen, DISS 1120-A	1121-4
Nitrous Oxide, DISS 1040-A	1041-4
O ₂ -He mixture (II), DISS 1180-A	1181-4
Vacuum (Suction), DISS 1220	1221-4

7/8"-14 Thread

Instrument Air (III), DISS 2080.....	2081-4
WAGD (EVAC), DISS 2220	2221-4

Body Adaptor, 1/8" NPT Female



3/4"-16 Thread

Medical Air, DISS 1160-A	1161-2F
Nitrogen, DISS 1120-A	1121-2F
Nitrous Oxide, DISS 1040-A	1041-2F
Vacuum (Suction), DISS 1220	1221-2F

Body Adaptor, Barbed for 1/4" I.D. Hose



3/4"-16 Thread

Medical Air, DISS 1160-A	1161-17
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Body Adaptor, Hose Barb with Hand Grip Collar



1/4" I.D. Hose Barb

3/4"-16 Thread

Carbon Dioxide, DISS 1080-A	1081-17HT
Medical Air, DISS 1160-A	1161-17HT
Nitrogen, DISS 1120-A	1121-17HT
Nitrous Oxide, DISS 1040-A	1041-17HT
Vacuum (Suction), DISS 1220	1221-17HT

7/8"-14 Thread

WAGD (EVAC), DISS 2220	2221-17HT
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5/16" I.D. Hose Barb

3/4"-16 Thread

Vacuum (Suction), DISS 1220	1221-31HT
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7/8"-14 Thread

WAGD (EVAC), DISS 2220	2221-31HT
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Note: (I) - Heliox mixtures: Helium over 80%.

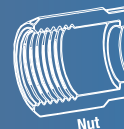
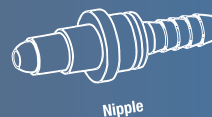
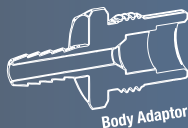
(II) - Heliox mixtures: Helium not over 80%.

(III) - Intended for the powering of medical devices unrelated to human respiration.

For DISS Body Adaptors with Demand Check Units and One-Way Check Valves, see pages 14 and 15, respectively.

DISS Nipples

200 psi max • DISS explanation found on page 50



1.888.835.3800



Hex Nut - for use with DISS Nipples

Nipple, 1/8" NPT Male



Carbon Dioxide, DISS 1080-A	1083-2
He-O ₂ mixture (I), DISS 1060-A	1063-2
Instrument Air (III), DISS 2080	2083-2
Medical Air, DISS 1160-A	1163-2
Nitrogen, DISS 1120-A	1123-2
Nitrous Oxide, DISS 1040-A	1043-2
O ₂ -He mixture (II), DISS 1180-A	1183-2
Vacuum (Suction), DISS 1220	1223-2
WAGD (EVAC), DISS 2220	2223-2

Nipple, 1/4" NPT Male



Carbon Dioxide, DISS 1080-A	1083-4
Instrument Air (III), DISS 2080	2083-4
Medical Air, DISS 1160-A	1163-4
Nitrogen, DISS 1120-A	1123-4
Nitrous Oxide, DISS 1040-A	1043-4
Vacuum (Suction), DISS 1220	1223-4
WAGD (EVAC), DISS 2220	2223-4

Nipple, Barbed for 1/4" I.D. Hose



Carbon Dioxide, DISS 1080-A	1083-17
He-O ₂ mixture (I), DISS 1060-A	1063-17
Instrument Air (III), DISS 2080	2083-17
Medical Air, DISS 1160-A	1163-17
Nitrogen, DISS 1120-A	1123-17
Nitrous Oxide, DISS 1040-A	1043-17
O ₂ -He mixture (II), DISS 1180-A	1183-17
Vacuum (Suction), DISS 1220	1223-17
WAGD (EVAC), DISS 2220	2223-17

Nipple, Barbed for 5/16" I.D. Hose



Vacuum (Suction), DISS 1220	1223-31
WAGD (EVAC), DISS 2220	2223-31

Retaining Ring

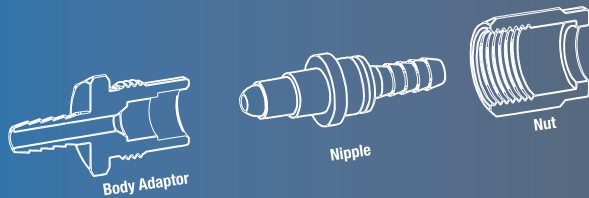


RR-1

RR-3

Carbon Dioxide, He-O ₂ mixture (I), Medical Air, Nitrogen, Nitrous Oxide, O ₂ -He mixture (II), Vacuum (Suction)	RR-1
Instrument Air (III), WAGD (EVAC)	RR-3

Note: (I) - Heliox mixtures: Helium over 80%.
(II) - Heliox mixtures: Helium not over 80%.
(III) - Intended for the powering of medical devices unrelated to human respiration.



DISS Nipples with O-rings

200 psi max • DISS explanation found on page 50



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Nipple with O-ring, 1/8" NPT Male



Carbon Dioxide, DISS 1080-A.....	1083-20
He-O ₂ mixture (I), DISS 1060-A.....	1063-20
Instrument Air (III), DISS 2080.....	2083-20
Medical Air, DISS 1160-A.....	1163-20
Nitrogen, DISS 1120-A.....	1123-20
Nitrous Oxide, DISS 1040-A.....	1043-20
O ₂ -He mixture (II), DISS 1180-A.....	1183-20
Vacuum (Suction), DISS 1220.....	1223-20
WAGD (EVAC), DISS 2220.....	2223-20



Hex Nut - for use with DISS Nipples with O-rings

Nipple with O-ring, 1/4" NPT Male



Carbon Dioxide, DISS 1080-A.....	1083-40
Instrument Air (III), DISS 2080.....	2083-40
Medical Air, DISS 1160-A.....	1163-40
Nitrogen, DISS 1120-A.....	1123-40
Nitrous Oxide, DISS 1040-A.....	1043-40
Vacuum (Suction), DISS 1220.....	1223-40
WAGD (EVAC), DISS 2220.....	2223-40



Hand-tight Nut - for use with DISS Nipples with O-rings

Nipple with O-ring, Barbed for 1/4" I.D. Hose



Carbon Dioxide, DISS 1080-A.....	1083-170
He-O ₂ mixture (I), DISS 1060-A.....	1063-170
Instrument Air (III), DISS 2080.....	2083-170
Medical Air, DISS 1160-A.....	1163-170
Nitrogen, DISS 1120-A.....	1123-170
Nitrous Oxide, DISS 1040-A.....	1043-170
O ₂ -He mixture (II), DISS 1180-A.....	1183-170
Vacuum (Suction), DISS 1220.....	1223-170
WAGD (EVAC), DISS 2220.....	2223-170

Nipple with O-ring, Barbed for 5/16" I.D. Hose



Vacuum (Suction), DISS 1220.....	1223-310
WAGD (EVAC), DISS 2220.....	2223-310

O-ring Replacement



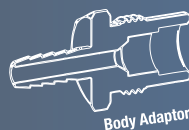
Carbon Dioxide, DISS 1080-A.....	1080-0
He-O ₂ mixture (I), DISS 1060-A.....	1060-0
Instrument Air (III), DISS 2080.....	2080-0
Medical Air, DISS 1160-A.....	1160-0
Nitrogen, DISS 1120-A.....	1120-0
Nitrous Oxide, DISS 1040-A.....	1040-0
O ₂ -He mixture (II), DISS 1180-A.....	1180-0
Vacuum (Suction), DISS 1220.....	1220-0
WAGD (EVAC), DISS 2220.....	2220-0

Note: (I) - Heliox mixtures: Helium over 80%.
 (II) - Heliox mixtures: Helium not over 80%.
 (III) - Intended for the powering of medical devices unrelated to human respiration.

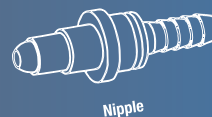


DISS 1240 Oxygen Nuts, Nipples, and Components

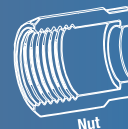
200 psi max • 9/16"-18 Thread • DISS explanation found on page 50



Body Adaptor



Nipple



Nut

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Hex Nut

Oxygen.....1244



Wing Nut

Oxygen, Green.....1244WN



Hand-Tight Nut

Oxygen, Green.....1244HT
Oxygen, White (ISO).....1244HTW



Nipple, 1/8" NPT Male

1" Long.....1243-1
1 1/2" Long.....1243-2



Nipple, 1/8" NPT Male with O-ring

1" Long.....1243-10
1 1/2" Long.....1243-20



Nipple, Hose Barb

For 3/16" I.D. Hose.....1243-18



For 1/4" I.D. Hose.....1243-17
Same with retaining ring groove.....1242-3-1

Nipple, Hose Barb with O-ring

For 3/16" I.D. Hose.....1243-180



For 1/4" I.D. Hose.....1243-170
Same with retaining ring groove.....1242-3-10

Nipple, Tapered Barb (I)

For 1/4"-3/8" I.D. Hose.....1243-380
With O-ring



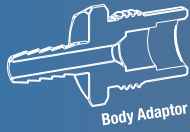
Components



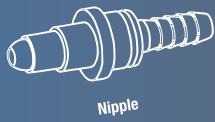
Replacement O-ring.....1240-0



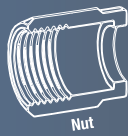
Nut Retaining Ring.....SR-1



Body Adaptor



Nipple



Nut

DISS 1240 Oxygen Body Adaptors

200 psi max • 9/16"-18 Thread • DISS explanation found on page 50

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Body Adaptor, NPT Male



1/8" NPT Male	1241-2
1/4" NPT Male	1241-4

Body Adaptor, NPT Female



1/8" NPT Female	1241-6
1/4" NPT Female	1241-7

Body Adaptor, Hose Barb



Barbed for 1/4" I.D. Hose.....	1241-17
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Body Adaptor, NPT Male with Filtered Orifice *(Orifice Size Stamped on Body Adaptor)*



1/8" NPT Male w/#77 Orifice.....	1241-277
1/4" NPT Male w/#77 Orifice.....	1241-477

Body Adaptor, Hose Barb with Hand Grip Collar



Barbed for 1/4" I.D. Hose, Green	1241-17HT
Barbed for 1/4" I.D. Hose, White (ISO).....	1241-17HTW

Note: Demand Check Units and One-Way Check Valves,
see pages 14 and 15, respectively.

DISS 1240 Oxygen Adaptors and Connections

200 psi max • 9/16"-18 Thread • DISS explanation found on page 50

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Cap & Chain Assembly (II)1242-2



Tapered Nipple Assembly (I),
with hex nut and 5 in. chain1244-6



Male Coupler.....1242-5



Female Coupler1242-11



Two-Piece Swivel Outlet, Disposable (I)

Green1244-3D
White (ISO)1244-3DW
Yellow1244-3YL
Black1244-3BL



Tapered Nipple Assembly (I),
with hand-tight nut and 5 in. chain

Green1244-8
White (ISO)1244-8W



Note: (I) - Not intended for static pressure build-up.
(II) - Provides a leak-tight seal rated at 200
psi gas service.

DISS 1240 Oxygen Female Adaptors

200 psi max • 9/16"-18 Thread • DISS explanation found on page 50

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Straight Design with NPT Male



1242-7 version pictured

DISS Female x 1/8" NPT Male	1242-6
DISS Female x 1/4" NPT Male	1242-7

Straight Design with NPT Female



1242-8 version pictured

DISS Female x 1/8" NPT Female	1242-8
DISS Female x 1/4" NPT Female	1242-9

90° Designs with DISS Male



DISS Female x DISS Male, Nipple Length – 3/4"	1249-1S
--	---------



DISS Female x DISS Male, Nipple Length – 1 1/2"	1249-1
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DISS Female x DISS Male, Nipple Length – 2"	1249-1L
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90° Design with NPT Male

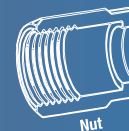
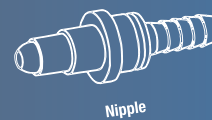
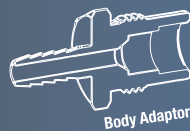


DISS Female x 1/8" NPT Male, Nipple Length – 1 1/2"	1249-2
DISS Female x 1/4" NPT Male, Nipple Length – 3/4"	1249-3



DISS Hex Nut & Nipple Combinations

- 200 psi max • includes O-rings (*unless otherwise noted*)
- DISS explanation found on page 50



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Hex Nut and Nipple with 1/8" NPT Male



Oxygen version pictured

9/16"-18 Thread

Oxygen, DISS 1240, with 1" nipple (without O-ring).....	2402
Oxygen, DISS 1240, with 1 1/2" nipple (without O-ring)	1242-6

Oxygen, DISS 1240, with 1" nipple.....	2402-10
Oxygen, DISS 1240, with 1 1/2" nipple.....	1242-60

3/4"-16 Thread

Carbon Dioxide, DISS 1080-A.....	0802
He-O ₂ mixture (I), DISS 1060-A	0602
Medical Air, DISS 1160-A	1602
Nitrogen, DISS 1120-A.....	1202
Nitrous Oxide, DISS 1040-A.....	0402
O ₂ -He mixture (II), DISS 1180-A.....	1802
Vacuum (Suction), DISS 1220	2202

7/8"-14 Thread

Instrument Air (III), DISS 2080	2002
WAGD (EVAC), DISS 2220	0202

Hex Nut and Nipple with 1/4" NPT Male



3/4"-16 version pictured

9/16"-18 Thread

Oxygen, DISS 1240 (without O-ring)	1242-7
--	--------

3/4"-16 Thread

Carbon Dioxide, DISS 1080-A.....	0804
Medical Air, DISS 1160-A.....	1604
Nitrogen, DISS 1120-A.....	1204
Nitrous Oxide, DISS 1040-A.....	0404
Vacuum (Suction), DISS 1220	2204

7/8"-14 Thread

Instrument Air (III), DISS 2080	2004
WAGD (EVAC), DISS 2220.....	0204

Hex Nut and Nipple with 1/4" I.D. Hose Barb



Oxygen version pictured

9/16"-18 Thread

Oxygen, DISS 1240 (without O-ring)	1242-3
Oxygen, DISS 1240.....	1242-30

3/4"-16 Thread

Carbon Dioxide, DISS 1080-A.....	0817
He-O ₂ mixture (I), DISS 1060-A.....	0617
Medical Air, DISS 1160-A.....	1617
Nitrogen, DISS 1120-A.....	1217
Nitrous Oxide, DISS 1040-A.....	0417
O ₂ -He mixture (II), DISS 1080-A.....	1817
Vacuum (Suction), DISS 1220	2217

7/8"-14 Thread

Instrument Air (III), DISS 2080	2017
WAGD (EVAC), DISS 2220	0217

Hex Nut and Nipple with 5/16" I.D. Hose Barb



3/4"-16 version pictured

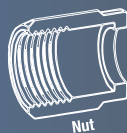
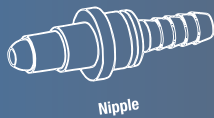
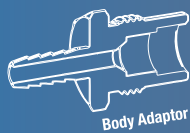
3/4"-16 Thread

Vacuum (Suction), DISS 1220	2231
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7/8"-14 Thread

WAGD (EVAC), DISS 2220	0231
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Note: (I) - Heliox mixtures: Helium over 80%.
(II) - Heliox mixtures: Helium not over 80%.
(III) - Intended for the powering of medical devices unrelated to human respiration.



DISS Hand-Tight Nut & Nipple Combinations

200 psi max • DISS explanation found on page 50

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Hand-Tight Nut and Nipple with 1/8" NPT Male



Oxygen version pictured

9/16"-18 Thread

Oxygen, DISS 1240, with 1" nipple	2402HT
Oxygen, DISS 1240, with 1 1/2" nipple.....	1242-6HT

3/4"-16 Thread

Carbon Dioxide, DISS 1080-A	0802HT
Medical Air, DISS 1160-A	1602HT
Nitrogen, DISS 1120-A	1202HT
Nitrous Oxide, DISS 1040-A.....	0402HT
Vacuum (Suction), DISS 1220.....	2202HT

7/8"-14 Thread

WAGD (EVAC), DISS 2220.....	0202HT
-----------------------------	--------

ISO Color-coded

Medical Air, DISS 1160-A	Black & White.....	1602HTC
Vacuum (Suction), DISS 1220.....	Yellow.....	2202HTC
Oxygen, DISS 1240, with 1" nipple.....	White.....	2402HTC
Oxygen, DISS 1240, with 1 1/2" nipple.....	White.....	1242-6HTC

Hand-Tight Nut and Nipple with 1/4" NPT Male



3/4"-16 version pictured

3/4"-16 Thread

Carbon Dioxide, DISS 1080-A.....	0804HT
Medical Air, DISS 1160-A.....	1604HT
Nitrogen, DISS 1120-A.....	1204HT
Nitrous Oxide, DISS 1040-A.....	0404HT
Vacuum (Suction), DISS 1220.....	2204HT

ISO Color-coded

Medical Air, DISS 1160-A	Black & White	1604HTC
Vacuum (Suction), DISS 1220.....	Yellow.....	2204HTC

Hand-Tight Nut and Nipple with 1/4" I.D. Hose Barb



Oxygen Version Pictured

9/16"-18 Thread

Oxygen, DISS 1240.....	2417HT
------------------------	--------

3/4"-16 Thread

Carbon Dioxide, DISS 1080-A.....	0817HT
Medical Air, DISS 1160-A.....	1617HT
Nitrogen, DISS 1120-A.....	1217HT
Nitrous Oxide, DISS 1040-A.....	0417HT
Vacuum (Suction), DISS 1220.....	2217HT

7/8"-14 Thread

WAGD (EVAC) DISS 2220.....	0217HT
----------------------------	--------

ISO Color-coded

Medical Air, DISS 1160-A	Black & White.....	1617HTC
Vacuum (Suction), DISS 1220.....	Yellow.....	2217HTC
Oxygen, DISS 1240.....	White.....	2417HTC

Hand-Tight Nut and Nipple with 5/16" I.D. Hose Barb



3/4"-16 Version Pictured

3/4"-16 Thread

Vacuum (Suction), DISS 1220.....	2231HT
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7/8"-14 Thread

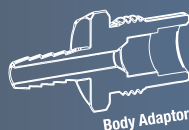
WAGD (EVAC), DISS 2220.....	0231HT
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ISO Color-coded

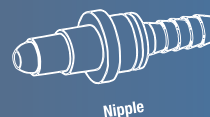
Vacuum (Suction), DISS 1220.....	Yellow	2231HTC
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Demand Check Units

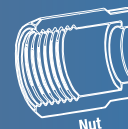
200 psi max • DISS explanation found on page 50



Body Adaptor



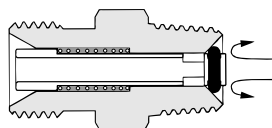
Nipple



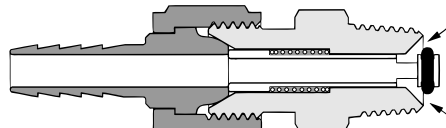
Nut

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Typical Operation



No Flow
Mechanism automatically shuts
off gas supply when disconnected



Unit opens when mating
connection is complete

DV Body Adaptor, 1/8" NPT Male



3/4"-16 version pictured

9/16"-18 Thread

Oxygen, DISS 12401241-2DV

3/4"-16 Thread

He-O₂ mixture (I), DISS 1060-A.....1061-2DV

Medical Air, DISS 1160-A1161-2DV

Nitrogen, DISS 1120-A.....1121-2DV

Nitrous Oxide, DISS 1040-A.....1041-2DV

O₂-He mixture (II), DISS 1180-A.....1181-2DV

DV Body Adaptor, 1/4" NPT Male



Oxygen version pictured

9/16"-18 Thread

Oxygen, DISS 12401241-4DV

3/4"-16 Thread

Carbon Dioxide, DISS 1080-A.....1081-4DV

He-O₂ mixture (I), DISS 1060-A.....1061-4DV

Medical Air, DISS 1160-A.....1161-4DV

Nitrous Oxide, DISS 1040-A.....1041-4DV

Nitrogen, DISS 1120-A.....1121-4DV

O₂-He mixture (II), DISS 1180-A.....1181-4DV

Vacuum (Suction), DISS 12201221-4DV

7/8"-14 Thread

WAGD (EVAC), DISS 2220..... 2221-4DV

DV Body Adaptor, Barbed for 1/4" I.D. Hose with Hand Grip Collar



3/4"-16 version pictured

9/16"-18 Thread

Oxygen, DISS 12401241-17DV

3/4"-16 Thread

Carbon Dioxide, DISS 1080-A.....1081-17DV

Medical Air, DISS 1160-A1161-17DV

Nitrous Oxide, DISS 1040-A.....1041-17DV

Nitrogen, DISS 1120-A.....1121-17DV

Vacuum (Suction), DISS 12201221-17DV

7/8"-14 Thread

WAGD (EVAC), DISS 22202221-17DV

DV Body Adaptor, Barbed for 5/16" I.D. Hose with Hand Grip Collar



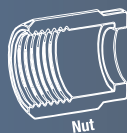
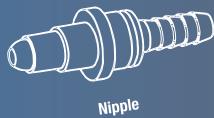
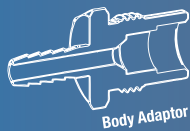
3/4"-16 Thread

Vacuum (Suction), DISS 12201221-31DV

7/8"-14 Thread

WAGD (EVAC), DISS 22202221-31DV

Note: (I) - Heliox mixtures: Helium over 80%.
(II) - Heliox mixtures: Helium not over 80%.
See page 15 for extension adaptors.

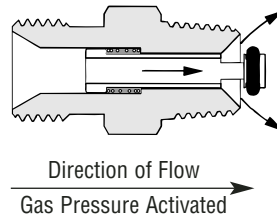
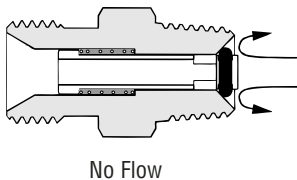


One-Way Check Valves

200 psi max • DISS explanation found on page 50

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Typical Operation



Body Adaptor, 1/8" NPT Male with One-Way Check



3/4"-16 version pictured

9/16"-18 Thread

Oxygen, DISS 12401241-2CV

3/4"-16 Thread

Medical Air, DISS 1160-A.....1161-2CV

Nitrous Oxide, DISS 1040-A.....1041-2CV

Body Adaptor, 1/4" NPT Male with One-Way Check



Oxygen version pictured

9/16"-18 Thread

Oxygen, DISS 12401241-4CV

3/4"-16 Thread

Medical Air, DISS 1160-A.....1161-4CV

Nitrous Oxide, DISS 1040-A.....1041-4CV

Nitrogen, DISS 1120-A1121-4CV

NPT Adaptors, with One-Way Check



Flows from 1/4" NPT FemaleAB-44CV
to 1/4" NPT Male

Flows from 1/4" NPT Male.....AB-44CVR
to 1/4" NPT Female

NPT Hex Nipple, with One-Way Check



1/4" NPT Male x 1/4" NPT MaleHN-4CV

Extension Adaptors (I)



1/8" NPT Female x 1/8" NPT Male.....AB-22

1/4" NPT Female x 1/4" NPT Male.....AB-44

Note: (I) - An extension adaptor is necessary when full-free extension of poppet is not obtained.



Power Take-Off Assemblies

200 psi max

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Compact Power Take-Off Assemblies



- Inlet: 1/8" NPT Female
Outlets: one vertical DISS Demand Check Unit,
one horizontal 1/8" NPT Male
- Oxygen**, DISS 1240.....P-24
Medical Air, DISS 1160-A.....P-16

Extended Power Take-Off Assemblies



- Inlet: 1/8" NPT Female
Outlets: one vertical DISS Demand Check Unit,
one horizontal 1/8" NPT Male
- Oxygen**, DISS 1240PTO-124
Medical Air, DISS 1160-APTO-116

Power Adaptor Block Less Fittings



- Extended Version, 3" longPTO-1
- Inlet: 1/8" NPT Female
 - Horizontal Outlet: 1/8" NPT Male
 - Vertical Outlet: 1/8" NPT Female
- Compact Version, 1.22" longST-2
- Inlet: 1/8" NPT Female
 - Horizontal Outlet: 1/8" NPT Male
 - Vertical Outlet: 1/8" NPT Female

Note: Special configurations are available upon request.

Dual Outlet Y-Connections

200 psi max

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Y-Blocks



1/8" NPT Female All Ports.....	YO-222
1/8" NPT Female Inlet x.....	YO-244
1/4" NPT Female Outlets	
1/4" NPT Female All Ports.....	YO-444

DISS Hex Nut Female Inlet, DISS Male Outlets



Oxygen version pictured

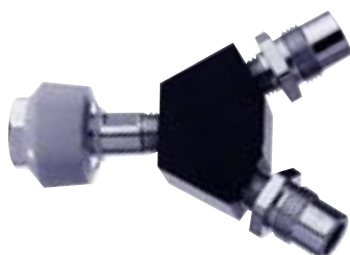
9/16"-18 Thread

Oxygen, DISS 1240	YO-124X
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3/4"-16 Thread

Medical Air, DISS 1160-A.....	YO-116X
Nitrogen, DISS 1120-A.....	YO-112X
Nitrous Oxide, DISS 1040-A.....	YO-104X
Vacuum (Suction), DISS 1220	YO-122X

DISS Hand-Tight Nut Female Inlet, DISS Male Outlets



3/4"-16 version pictured

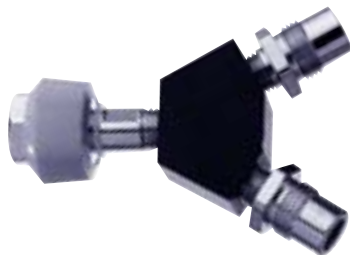
9/16"-18 Thread

Oxygen, DISS 1240	YO-124
-------------------------	--------

3/4"-16 Thread

Medical Air, DISS 1160-A	YO-116
Nitrogen, DISS 1120-A.....	YO-112
Nitrous Oxide, DISS 1040-A.....	YO-104
Vacuum (Suction), DISS 1220.....	YO-122

DISS Hand-Tight Nut Female Inlet, DISS Demand Check Outlets



3/4"-16 version pictured

9/16"-18 Thread

Oxygen, DISS 1240	YO-124DV
-------------------------	----------

3/4"-16 Thread

Medical Air, DISS 1160-A	YO-116DV
Nitrogen, DISS 1120-A.....	YO-112DV
Nitrous Oxide, DISS 1040-A.....	YO-104DV
Vacuum (Suction), DISS 1220	YO-122DV

Extension Adaptor Blocks



front view

1/8" NPT Female Rear Inlet, Two 1/8" NPT Female Outlets;
Brushed Aluminum Finish

Centered Rear Inlet	AA-11014
Offset Rear Inlet	AA-11015

Chemetron® Style Dual Outlet Connection

100 psi max • Short projection designs which reduce stress on wall outlet connections.

1.888.835.3800

Male Quick-Connect Inlet, Female Coupler Outlets



Medical Air	YO-CM16
Nitrous Oxide.....	YO-CM04
Oxygen.....	YO-CM24
Vacuum (Suction)	YO-CM22

Male Quick-Connect Inlet-Centered, Female Coupler Outlets



Medical Air	YO-CMT16
Nitrous Oxide.....	YO-CMT04
Oxygen.....	YO-CMT24
Vacuum (Suction)	YO-CMT22

Male Quick-Connect Inlet-Right, Female Coupler Outlets



Medical Air	YO-CMR16
Nitrous Oxide	YO-CMR04
Oxygen	YO-CMR24
Vacuum (Suction)	YO-CMR22

Male Quick-Connect Inlet-Left, Female Coupler Outlets



Medical Air	YO-CML16
Nitrous Oxide.....	YO-CML04
Oxygen.....	YO-CML24
Vacuum (Suction).....	YO-CML22

Note: Special configurations are available upon request.
See pages 20-21 for further information regarding
Bay Corporation's Chemetron® style quick-connects.

Ohmeda® Style Dual Outlet Connection

100 psi max • Short projection designs which reduce stress on wall outlet connections.



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Male Quick-Connect Inlet, Female Coupler Outlets



Medical Air	YO-OH16
Nitrous Oxide	YO-OH04
Oxygen	YO-OH24
Vacuum (Suction)	YO-OH22

Male Quick-Connect Inlet-Centered, Female Coupler Outlets



Medical Air	YO-OHT16
Nitrous Oxide	YO-OHT04
Oxygen	YO-OHT24
Vacuum (Suction)	YO-OHT22

Male Quick-Connect Inlet-Right, Female Coupler Outlets



Medical Air	YO-OHR16
Nitrous Oxide	YO-OHR04
Oxygen	YO-OHR24
Vacuum (Suction)	YO-OHR22

Male Quick-Connect Inlet-Left, Female Coupler Outlets



Medical Air	YO-OHL16
Nitrous Oxide	YO-OHL04
Oxygen	YO-OHL24
Vacuum (Suction)	YO-OHL22

Notes: Special configurations are available upon request.

See pages 22-23 for further information regarding Bay Corporation's Ohmeda® style quick-connects.



Chemetron® Style Male Quick Connects

100 psi max

1.888.835.3800

1/8" NPT Male



Medical Air	CM-116-2
Nitrous Oxide	CM-104-2
Oxygen	CM-124-2
Vacuum (Suction)	CM-122-2
WAGD (EVAC)	CM-EVA-2

1/8" NPT Female



Medical Air	CM-116-2F
Nitrous Oxide	CM-104-2F
Oxygen	CM-124-2F
Vacuum (Suction)	CM-122-2F
WAGD (EVAC)	CM-EVA-2F

1/4" NPT Male



Medical Air	CM-116-4
Nitrous Oxide	CM-104-4
Oxygen	CM-124-4
Vacuum (Suction)	CM-122-4
WAGD (EVAC)	CM-EVA-4

DISS Male



Medical Air	CM-116-9
Nitrous Oxide	CM-104-9
Oxygen	CM-124-9
Vacuum (Suction)	CM-122-9
WAGD (EVAC)	CM-EVA-9

DISS Female Hex Nut & Nipple



Medical Air	CM-116-16
Nitrous Oxide	CM-104-04
Oxygen	CM-124-24
Vacuum (Suction)	CM-122-22
WAGD (EVAC)	CM-EVA-22

Hose Barb



1/4" I.D. Hose Barb

Medical Air	CM-116-17
Nitrous Oxide	CM-104-17
Oxygen	CM-124-17
Vacuum (Suction)	CM-122-17
WAGD (EVAC)	CM-EVA-17

5/16" I.D. Hose Barb

Vacuum (Suction)	CM-122-31
WAGD (EVAC)	CM-EVA-31

DISS Demand Check Unit



Medical Air	CM-116-9DV
Nitrous Oxide	CM-104-9DV
Oxygen	CM-124-9DV
Vacuum (Suction)	CM-122-9DV

DISS Female Hand-Tight Nut & Nipple



Medical Air	CM-116-HT
Nitrous Oxide	CM-104-HT
Oxygen	CM-124-HT
Vacuum (Suction)	CM-122-HT
WAGD (EVAC)	CM-EVA-HT

Chemetron® Style Female Couplers

100 psi max

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1/8" NPT Male



Medical Air	CMF-16-2
Nitrous Oxide	CMF-04-2
Oxygen	CMF-24-2
Vacuum (Suction)	CMF-22-2
WAGD (EVAC)	CMF-EV-2

1/8" NPT Female



Medical Air	CMF-16-2F
Nitrous Oxide	CMF-04-2F
Oxygen	CMF-24-2F
Vacuum (Suction)	CMF-22-2F
WAGD (EVAC)	CMF-EV-2F

1/4" NPT Male



Medical Air	CMF-16-4
Nitrous Oxide	CMF-04-4
Oxygen	CMF-24-4
Vacuum (Suction)	CMF-22-4
WAGD (EVAC)	CMF-EV-4

DISS Male



Medical Air	CMF-16-9
Nitrous Oxide	CMF-04-9
Oxygen	CMF-24-9
Vacuum (Suction)	CMF-22-9

DISS Female Hex Nut & Nipple



Medical Air	CMF-16-16
Nitrous Oxide	CMF-04-04
Oxygen	CMF-24-24
Vacuum (Suction)	CMF-22-22

Hose Barb



1/4" I.D. Barb

Medical Air	CMF-16-17
Nitrous Oxide	CMF-04-17
Oxygen	CMF-24-17
Vacuum (Suction)	CMF-22-17
WAGD (EVAC)	CMF-EV-17

5/16" I.D. Barb

Vacuum (Suction)	CMF-22-31
WAGD (EVAC)	CMF-EV-31

DISS Female Hand-Tight Nut & Nipple



Medical Air	CMF-16-HT
Nitrous Oxide	CMF-04-HT
Oxygen	CMF-24-HT
Vacuum (Suction)	CMF-22-HT

Ohmeda® Style Male Quick-Connects

100 psi max

1.888.835.3800

1/8" NPT Male



	ISO
Carbon Dioxide.....OH-108-2	OH-116-2C
Medical Air.....OH-116-2	
Nitrous Oxide.....OH-104-2	
Oxygen.....OH-124-2	OH-124-2C
Vacuum (Suction).....OH-122-2	OH-122-2C
WAGD (EVAC).....OH-EVA-2	

1/8" NPT Female



Carbon Dioxide.....OH-108-2F	OH-116-2FC
Medical Air.....OH-116-2F	
Nitrous Oxide.....OH-104-2F	
Oxygen.....OH-124-2F	OH-124-2FC
Vacuum (Suction).....OH-122-2F	OH-122-2FC
WAGD (EVAC).....OH-EVA-2F	

1/4" NPT Male



Carbon Dioxide.....OH-108-4
Medical Air.....OH-116-4
Nitrous Oxide.....OH-104-4
Oxygen.....OH-124-4
Vacuum (Suction).....OH-122-4
WAGD (EVAC).....OH-EVA-4

DISS Male



Medical Air.....OH-116-9
Nitrous Oxide.....OH-104-9
Oxygen.....OH-124-9
Vacuum (Suction).....OH-122-9
WAGD (EVAC).....OH-EVA-9

DISS Female Hex Nut & Nipple



Carbon Dioxide.....OH-108-08
Medical Air.....OH-116-16
Nitrous Oxide.....OH-104-04
Oxygen.....OH-124-24
Vacuum (Suction).....OH-122-22
WAGD (EVAC).....OH-EVA-22

Hose Barb



1/4" I.D. Hose Barb	
Carbon Dioxide.....OH-108-17	OH-116-17C
Medical Air.....OH-116-17	
Nitrous Oxide.....OH-104-17	
Oxygen.....OH-124-17	OH-124-17C
Vacuum (Suction).....OH-122-17	OH-122-17C
WAGD (EVAC).....OH-EVA-17	
5/16" I.D. Hose Barb	
Vacuum (Suction).....OH-122-31	OH-122-31C
WAGD (EVAC).....OH-EVA-31	

DISS Demand Check Unit



Medical Air.....OH-116-9DV
Nitrous Oxide.....OH-104-9DV
Oxygen.....OH-124-9DV
Vacuum (Suction).....OH-122-9DV

DISS Female Hand-Tight Nut & Nipple



Medical Air.....OH-116-HT
Nitrous Oxide.....OH-104-HT
Oxygen.....OH-124-HT
Vacuum (Suction).....OH-122-HT
WAGD (EVAC).....OH-EVA-HT

Ohmeda® Style Female Couplers

100 psi max

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1/8" NPT Male



Carbon Dioxide	OHF-08-2
Medical Air	OHF-16-2
Nitrous Oxide	OHF-04-2
Oxygen	OHF-24-2
Vacuum (Suction)	OHF-22-2
WAGD (EVAC)	OHF-EV-2

1/8" NPT Female



Carbon Dioxide	OHF-08-2F
Medical Air	OHF-16-2F
Nitrous Oxide	OHF-04-2F
Oxygen	OHF-24-2F
Vacuum (Suction)	OHF-22-2F
WAGD (EVAC)	OHF-EV-2F

1/4" NPT Male



Carbon Dioxide	OHF-08-4
Medical Air	OHF-16-4
Nitrous Oxide	OHF-04-4
Oxygen	OHF-24-4
Vacuum (Suction)	OHF-22-4
WAGD (EVAC)	OHF-EV-4

DISS Male



Medical Air	OHF-16-9
Nitrous Oxide	OHF-04-9
Oxygen	OHF-24-9
Vacuum (Suction)	OHF-22-9

DISS Female Hex Nut & Nipple



Medical Air	OHF-16-16
Nitrous Oxide	OHF-04-04
Oxygen	OHF-24-24
Vacuum (Suction)	OHF-22-22

Hose Barb



1/4" I.D. Barb

Carbon Dioxide	OHF-08-17
Medical Air	OHF-16-17
Nitrous Oxide	OHF-04-17
Oxygen	OHF-24-17
Vacuum (Suction)	OHF-22-17
WAGD (EVAC)	OHF-EV-17

5/16" I.D. Barb

Vacuum (Suction)	OHF-22-31
WAGD (EVAC)	OHF-EV-31

DISS Female Hand-Tight Nut & Nipple



Medical Air	OHF-16-HT
Nitrous Oxide	OHF-04-HT
Oxygen	OHF-24-HT
Vacuum (Suction)	OHF-22-HT



Schrader® Non-Swivel Style Male Quick-Connects

200 psi max

1.888.835.3800

1/8" NPT Male



Medical Air	SCH-116-2
Nitrogen	SCH-112-2
Nitrous Oxide	SCH-104-2
Oxygen	SCH-124-2
Vacuum (Suction)	SCH-122-2

1/8" NPT Female



Medical Air	SCH-116-2F
Nitrogen	SCH-112-2F
Nitrous Oxide	SCH-104-2F
Oxygen	SCH-124-2F
Vacuum (Suction)	SCH-122-2F

DISS Male



Medical Air	SCH-116-9
Nitrogen	SCH-112-9
Nitrous Oxide	SCH-104-9
Oxygen	SCH-124-9
Vacuum (Suction)	SCH-122-9

DISS Female Hex Nut & Nipple



Medical Air	SCH-116-16
Nitrogen	SCH-112-12
Nitrous Oxide	SCH-104-04
Oxygen	SCH-124-24
Vacuum (Suction)	SCH-122-22

Hose Barb



1/4" I.D. Hose Barb

Medical Air	SCH-116-17
Nitrogen	SCH-112-17
Nitrous Oxide	SCH-104-17
Oxygen	SCH-124-17
Vacuum (Suction)	SCH-122-17

5/16" I.D. Hose Barb

Vacuum (Suction)	SCH-122-31
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DISS Demand Check Unit



Medical Air	SCH-116-9DV
Nitrogen	SCH-112-9DV
Nitrous Oxide	SCH-104-9DV
Oxygen	SCH-124-9DV
Vacuum (Suction)	SCH-122-9DV

DISS Female Hand-Tight Nut & Nipple



Medical Air	SCH-116-HT
Nitrogen	SCH-112-HT
Nitrous Oxide	SCH-104-HT
Oxygen	SCH-124-HT
Vacuum (Suction)	SCH-122-HT

Schrader® Swivel Style Male Quick-Connects

200 psi max

sales@baycorp.com

1/8" NPT Male



Medical Air	SH-16-2S
Nitrogen	SH-12-2S
Nitrous Oxide	SH-04-2S
Oxygen	SH-24-2S
Vacuum (Suction)	SH-22-2S

1/8" NPT Female



Medical Air	SH-16-2FS
Nitrogen	SH-12-2FS
Nitrous Oxide	SH-04-2FS
Oxygen	SH-24-2FS
Vacuum (Suction)	SH-22-2FS

DISS Male



Medical Air	SH-16-9S
Nitrogen	SH-12-9S
Nitrous Oxide	SH-04-9S
Oxygen	SH-24-9S
Vacuum (Suction)	SH-22-9S

DISS Female Hex Nut & Nipple



Medical Air	SH-16-16S
Nitrogen	SH-12-12S
Nitrous Oxide	SH-04-04S
Oxygen	SH-24-24S
Vacuum (Suction)	SH-22-22S

Hose Barb



1/4" I.D. Hose Barb

Medical Air	SH-16-17S
Nitrogen	SH-12-17S
Nitrous Oxide	SH-04-17S
Oxygen	SH-24-17S
Vacuum (Suction)	SH-22-17S

5/16" I.D. Hose Barb

Vacuum (Suction)	SH-22-31S
------------------------	-----------

DISS Demand Check Unit



Medical Air	SH-16-9DVS
Nitrogen	SH-12-9DVS
Nitrous Oxide	SH-04-9DVS
Oxygen	SH-24-9DVS
Vacuum (Suction)	SH-22-9DVS

DISS Female Hand-Tight Nut & Nipple



Medical Air	SH-16-HTS
Nitrogen	SH-12-HTS
Nitrous Oxide	SH-04-HTS
Oxygen	SH-24-HTS
Vacuum (Suction)	SH-22-HTS



Schrader® Style Female Couplers

200 psi max

1.888.835.3800

1/4" NPT Male



Medical Air	SCF-16-4
Nitrous Oxide	SCF-04-4
Oxygen	SCF-24-4
Vacuum (Suction)	SCF-22-4

Black Cap

Nitrogen	SCF-12-4
----------------	----------

Hose Barb



1/4" I.D. Hose Barb

Medical Air	SCF-16-17
Nitrous Oxide	SCF-04-17
Oxygen	SCF-24-17
Vacuum (Suction)	SCF-22-17

Black Cap

Nitrogen	SCF-12-17
----------------	-----------

5/16" I.D. Hose Barb

Vacuum (Suction)	SCF-22-31
------------------------	-----------



Schrader® Style Dual Outlet Connections

200 psi max

Non-Swivel Male Quick-Connect Inlet, Female Coupler Outlets



Medical Air	Y0-SC16
Nitrous Oxide	Y0-SC04
Oxygen	Y0-SC24
Vacuum (Suction)	Y0-SC22

Black Caps

Nitrogen	Y0-SC12
----------------	---------

Note: Special configurations are available upon request.
See pages 24–25 for further information regarding Bay Corporation's Schrader® style quick-connects.

Puritan® Style Female Couplers

100 psi max

sales@baycorp.com

1/4" NPT Male



Medical Air	PQF-16-4
Nitrous Oxide	PQF-04-4
Oxygen	PQF-24-4
Vacuum (Suction)	PQF-22-4
WAGD (EVAC)	PQF-EV-4

Hose Barb



1/4" I.D. Hose Barb

Medical Air	PQF-16-17
Nitrous Oxide	PQF-04-17
Oxygen	PQF-24-17
Vacuum (Suction)	PQF-22-17
WAGD (EVAC)	PQF-EV-17

5/16" I.D. Hose Barb

Vacuum (Suction)	PQF-22-31
WAGD (EVAC)	PQF-EV-31

Puritan® Style Dual Outlet Connections

100 psi max

Male Quick-Connect Inlet, Female Coupler Outlets



Medical Air	YO-PQ16
Oxygen	YO-PQ24
Vacuum (Suction)	YO-PQ22
WAGD (EVAC)	YO-PQEV

Note: Special configurations are available upon request.

See page 28 for further information regarding
Bay Corporation's Puritan® style quick-connects.

Puritan® Style Male Quick-Connects

100 psi max

1.888.835.3800

1/8" NPT Male



Medical Air.....	PQ-116-2
Nitrous Oxide.....	PQ-104-2
Oxygen.....	PQ-124-2
Vacuum (Suction).....	PQ-122-2
WAGD (EVAC).....	PQ-EVA-2

ISO

1/8" NPT Female



Medical Air.....	PQ-116-2F
Nitrous Oxide.....	PQ-104-2F
Oxygen.....	PQ-124-2F
Vacuum (Suction).....	PQ-122-2F
WAGD (EVAC).....	PQ-EVA-2F

1/4" NPT Male



Medical Air.....	PQ-116-4
Nitrous Oxide.....	PQ-104-4
Oxygen.....	PQ-124-4
Vacuum (Suction).....	PQ-122-4
WAGD (EVAC).....	PQ-EVA-4

DISS Male



Medical Air.....	PQ-116-9
Nitrous Oxide.....	PQ-104-9
Oxygen.....	PQ-124-9
Vacuum (Suction).....	PQ-122-9
WAGD (EVAC).....	PQ-EVA-9

DISS Female Hex Nut & Nipple



Medical Air.....	PQ-116-16
Nitrous Oxide.....	PQ-104-04
Oxygen.....	PQ-124-24
Vacuum (Suction).....	PQ-122-22
WAGD (EVAC).....	PQ-EVA-22

Hose Barb



1/4" I.D. Hose Barb		
Medical Air.....	PQ-116-17	PQ-116-17C
Nitrous Oxide.....	PQ-104-17	
Oxygen.....	PQ-124-17	PQ-124-17C
Vacuum (Suction).....	PQ-122-17	PQ-122-17C
WAGD (EVAC).....	PQ-EVA-17	
5/16" I.D. Hose Barb		
Vacuum (Suction).....	PQ-122-31	PQ-122-31C
WAGD (EVAC).....	PQ-EVA-31	

DISS Demand Check Unit



Medical Air.....	PQ-116-9DV
Nitrous Oxide.....	PQ-104-9DV
Oxygen.....	PQ-124-9DV
Vacuum (Suction).....	PQ-122-9DV
WAGD (EVAC).....	PQ-EVA-9DV

DISS Female Hand-Tight Nut & Nipple



Medical Air.....	PQ-116-HT
Nitrous Oxide.....	PQ-104-HT
Oxygen.....	PQ-124-HT
Vacuum (Suction).....	PQ-122-HT
WAGD (EVAC).....	PQ-EVA-HT

Oxygen Neb Drives

50 psi max

sales@baycorp.com

Chemetron® Style



6-7 lpmCM-124-N65

7-8 lpmCM-124-N75

Ohmeda® Style



6-7 lpmOH-124-N65

7-8 lpmOH-124-N75

Puritan® Style



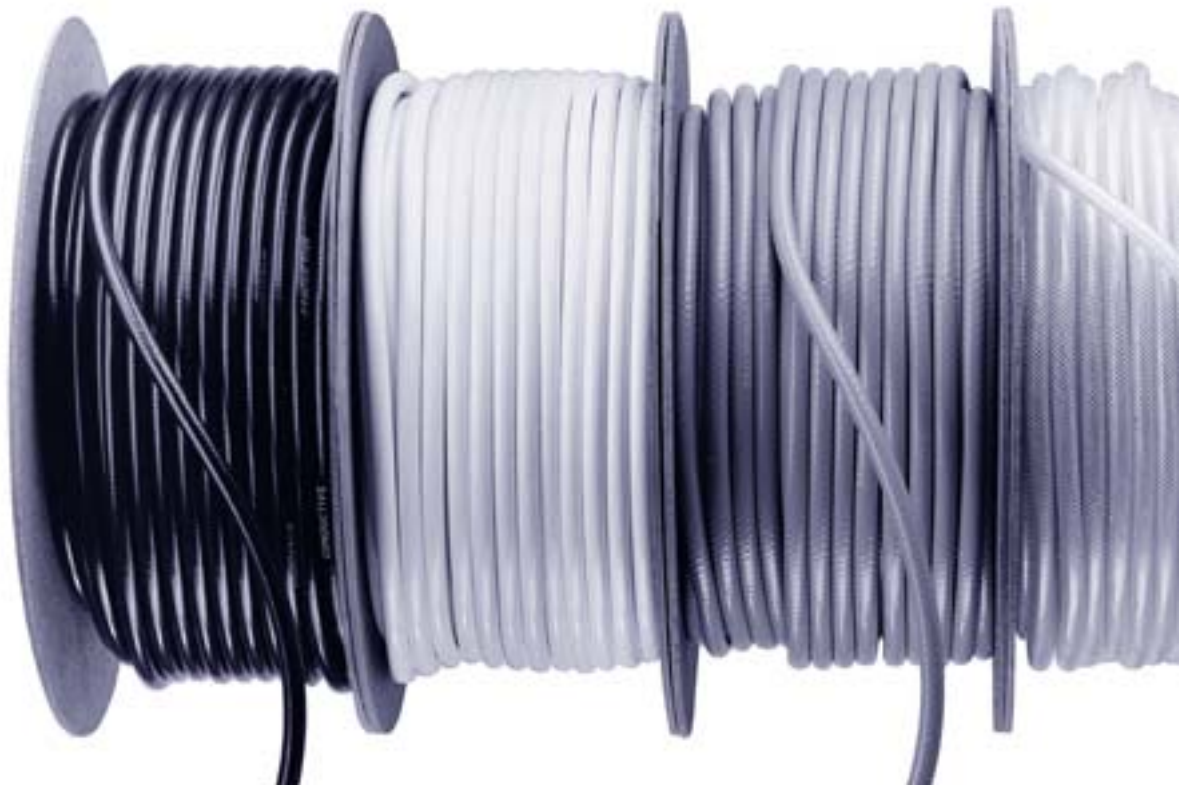
6-7 lpmPQ-124-N65

7-8 lpmPQ-124-N75



Conductive Hose

1.888.835.3800



Conductive Hose *(Packaged 250 ft. per reel)*

- Inner core: Medical grade conductive PVC (meets conductivity requirement of NFPA 99)
- Braid reinforced polyester
- Outer cover: Solid-colored PVC - see chart
- Working pressure: 200 psi max. @ 70° F
- Minimum bend radius: 3 inches
- Working Temperature: 25° F to 150° F

1/4" I.D. U.S. Gas Service Color Item No.
Outside Diameter: .460"

Carbon Dioxide	Grey	2108-250
Medical Air	Yellow	2116-250
Nitrogen	Black	2112-250
Nitrous Oxide	Blue	2104-250
Oxygen	Green	2124-250
Vacuum (Suction)	White	2122-250
WAGD (EVAC)	Purple	2140-250

5/16" I.D. U.S. Gas Service Color Item No.
Outside Diameter: .560"

Vacuum (Suction)	White	3122-250
------------------------	-------------	----------



Non-Conductive Hose (Packaged 250 ft. per reel)

- Inner core: Medical grade PVC
- Braid reinforced polyester
- Outer cover: Solid-colored PVC - see chart
- Working pressure: 200 psi max. @ 70° F
- Minimum bend radius: 3 inches
- Working Temperature: 25° F to 150° F

1/4" I.D. U.S. Gas Service Color Item No.
Outside Diameter: .460"

General Purpose	Clear w/White Braid	BC-2225
Medical Air	Yellow	1416
Nitrogen	Black	1458
Nitrous Oxide	Blue	1404
Oxygen	Green	1424
Vacuum (Suction)	White	1422
WAGD (EVAC)	Purple	1440

5/16" I.D. U.S. Gas Service Color Item No.
Outside Diameter: .560"

General Purpose	Clear w/White Braid	BC-2231
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Rubber Hose for Oxygen Service (Packaged 650 ft. per reel)

Used in applications where extreme temperatures may be present (i.e. Emergency Medical Service).

- Inner Core: Synthetic Rubber
- Braid reinforced
- Outer Cover: Synthetic Rubber
- Working Pressure: 200 psi max.
- Minimum Bend Radius: 3 inches
- Burst Pressure: 1500 psi max.
- Working Temperature: -40°F to +200°F

3/16" I.D. U.S. Gas Service Color Item No.
Outside Diameter: .415"

Oxygen	Green	3124
--------------	-------------	------

Hose Assembly Matrix

1.888.835.3800



Create your own custom hose assembly part number.

Follow this process below to generate your unique part number.

Fill in _____

Then call Bay Corporation for verification as well as pricing and availability. Save time and money! (Suggestion: photocopy this worksheet for your future orders.)

step 1



Hose Type

X X _____

- Select type of hose
- Identify Internal Diameter (I.D.)
- Choose gas service/color
- Find associated two-digit order number

Type:
Internal Diameter:

Conductive PVC

1/4" 5/16"

Carbon Dioxide (grey) – 71
Medical Air (yellow) – 31
Nitrogen (black) – 21
Nitrous Oxide (blue) – 11
Oxygen (green) – 51
VAC/Suction (white) – 41 81
WAGD/EVAC (purple) – 61

Non-Conductive PVC

1/4" 5/16"

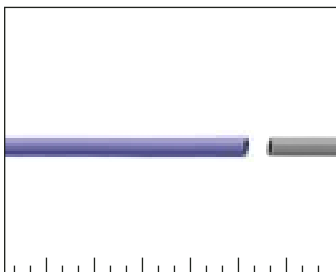
General Purpose – 02 05
(clear w/white braid)
Medical Air (yellow) – 33
Nitrogen (black) – 23
Nitrous Oxide (blue) – 13
Oxygen (green) – 53
VAC/Suction (white) – 43
WAGD (EVAC) – 63

Rubber Hose

3/16"

Oxygen (green) – 62

step 2



Hose Length

_____ X X X _____

- Determine desired length of hose assembly (cut length of hose)
- Convert to inches (i.e. 2 feet = 024 inches)

step 3



End Connections

_____ X X X X
inlet outlet

- Select type of end connections from page 33
- Identify appropriate gas service
- Find associated two-digit order number
- Repeat for end connection #2

step 4

If desired, add 90° swivel inlet option (patent pending).

S _____

↑ Add **S** prefix to part number. See page 33 for available inlet connections.
(Swivel adaptor sold separately. See page 41 for details.)

Note: See facing page for connections and codes.
See page 36 for Hose Retractor.

DISS Female Nut & Nipple



hand-tight nut



Carbon Dioxide (grey)	— 42
Medical Air (yellow)	— 62
Nitrogen (black)	— 52
Nitrous Oxide (blue)	— 22
Oxygen (green)	— 82
Oxygen (white)	— 88
VAC/Suction (white)	— 72
WAGD/EVAC (purple)	— 02

DISS Female Nut & Nipple



hex nut style



Carbon Dioxide	— 44
He-O ₂	— 34
Instrument Air	— 17
Medical Air	— 64
Nitrogen	— 54
Nitrous Oxide	— 24
O ₂ -He	— 37
Oxygen	— 84
VAC/Suction	— 74
WAGD/EVAC	— 04

DISS Female Nut & Nipple



hex nut and nipple with O-ring



Carbon Dioxide	— 45
He-O ₂	— 35
Instrument Air	— 18
Medical Air	— 65
Nitrogen	— 55
Nitrous Oxide	— 25
O ₂ -He	— 38
Oxygen	— 85
VAC/Suction	— 75
WAGD/EVAC	— 05

DISS Female Oxygen Nut & Nipple



wing nut style



Oxygen (green)	— 83
----------------	------

DISS Male Body Adaptor



with hand grip collar

Carbon Dioxide (grey)	— 40
Medical Air (yellow)	— 60
Nitrogen (black)	— 50
Nitrous Oxide (blue)	— 20
Oxygen (green)	— 80
VAC/Suction (white)	— 70
WAGD/EVAC (purple)	— 01

DISS Male with Demand Check



nipple opens valve

Carbon Dioxide (grey)	— 47
Medical Air (yellow)	— 67
Nitrogen (black)	— 57
Nitrous Oxide (blue)	— 27
Oxygen (green)	— 89
VAC/Suction (white)	— 77
WAGD/EVAC (purple)	— 07

DISS Male Body Adaptor



Air	— 61
He-O ₂	— 31
Instrument Air	— 16
O ₂ -He	— 36
Oxygen	— 81

Schrader® Style Male Adaptor



swivel stem



Air	— S6
Nitrogen	— SN
Nitrous Oxide	— S8
Oxygen	— S5
VAC/Suction	— S7

Schrader® Style Female Coupler



Medical Air	— F6
Nitrogen	— FN
Nitrous Oxide	— F8
Oxygen	— F5
VAC/Suction	— F7

Schrader® Style Male Adaptor



non-swivel stem



Medical Air	— S2
Nitrogen	— S9
Nitrous Oxide	— S4
Oxygen	— S1
VAC/Suction	— S3

Chemetron® Style Male Adaptor



Medical Air (yellow)	— C2
Nitrous Oxide (blue)	— C4
Oxygen (green)	— C1
VAC/Suction (white)	— C3
WAGD/EVAC (purple)	— CE

Chemetron® Style Female Coupler



Medical Air (yellow)	— C6
Nitrous Oxide (blue)	— C8
Oxygen (green)	— C5
VAC/Suction (white)	— C7
WAGD/EVAC (purple)	— C9

Puritan® Style Male Adaptor



with HT collar



Medical Air (yellow)	— P2
Nitrous Oxide (blue)	— P4
Oxygen (green)	— P1
VAC/Suction (white)	— P3
WAGD/EVAC (purple)	— PE

Puritan® Style Female Coupler



Medical Air (yellow)	— P6
Nitrous Oxide (blue)	— P8
Oxygen (green)	— P5
VAC/Suction (white)	— P7
WAGD/EVAC (purple)	— P9

Ohmeda® Style Male Adaptor



Carbon Dioxide (grey)	— H0
Medical Air (yellow)	— H2
Nitrous Oxide (blue)	— H4
Oxygen (green)	— H1
VAC/Suction (white)	— H3
WAGD/EVAC (purple)	— HE

Ohmeda® Style Female Coupler



Carbon Dioxide (grey)	— HC
Medical Air (yellow)	— H6
Nitrous Oxide (blue)	— H8
Oxygen (green)	— H5
VAC/Suction (white)	— H7
WAGD/EVAC (purple)	— H9

Female NPT Pipe Thread



1/8" NPT	— 92
1/4" NPT	— 94

Male NPT Pipe Thread



1/8" NPT	— 91
1/4" NPT	— 93

No End Connection

Blank End	— 00
-----------	------



= swivel style available for inlet.



International Fittings

Contact Bay Corporation for other gas services and fittings

1.888.835.3800

BS Probe



Oxygen with 1/8" NPT male	BS-2402
Oxygen with 1/4" ID hose barb	BS-2417
Air with 1/8" NPT male	BS-1602
Air with 1/4" ID hose barb	BS-1617

NIST Female



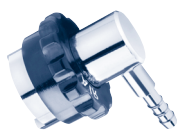
Oxygen with 1/8" NPT male	NIST-2402
Oxygen with 1/4" ID hose barb	NIST-2417
Air with 1/8" NPT male	NIST-1602
Air with 1/4" ID hose barb	NIST-1617

DIN (German) Probe



Oxygen with 1/8" NPT male	DIN-2402
Oxygen with 1/4" ID hose barb	DIN-2417
Air with 1/8" NPT male	DIN-1602
Air with 1/4" ID hose barb	DIN-1617

AFNOR (French) Female, 90 degree



Oxygen with 1/4" ID hose barb	AF-2417-90
Air with 1/4" ID hose barb	AF-1617-90

Australian Female



Oxygen with 1/8" NPT male	AS-2402
Oxygen with 1/4" ID hose barb	AS-2417
Air with 1/8" NPT male	AS-1602
Air with 1/4" ID hose barb	AS-1617



International Hose Assemblies

Contact Bay Corporation for details regarding hose assemblies made with International Fittings. Bay Corporation is approved to produce CE Marked "Low Pressure PVC Medical Gas Hose Assemblies" per Directive 93/42/EEC.



Components for Hose Assemblies

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Ferrules



I.D.	Length	Item No.
.330"	1/2"	Y-6231
.358"	1/2"	Y-833
.380"	1/2"	Y-622
.410"	1/2"	Y-620
.450"	9/16"	(III) Y-769
.478"	11/16"	Y-4750
.500"	5/8"	(I) Y-624A
.525"	5/8"	Y-625A
.548"	31/64"	Y-626
.564"	3/4"	Y-3588
.575"	31/64"	(II) Y-KK

Bench Model Crimping Tool & Dies



Crimping Tool.....CR-100

Standard dies shipped with CR-100 Bore Diameters

- (1) .630
- (2) .580
- (3) .530 (II)
- (4) .480
- (5) .437 (I)

Heavy Duty Crimping Tool & Dies



Crimping Tool.....5111A

Recommended Die SetDR-39
for Bay Corporation's
1/4" I.D. hose

Recommended Die SetDR-36
for Bay Corporation's
5/16" I.D. hose

Recommended Die SetDR-41
for Bay Corporation's
3/16" I.D. hose

Note: (I) - Recommended for Bay Corporation's 1/4" I.D. hose in conjunction with Bay Corporation's products.
(II) - Recommended for Bay Corporation's 5/16" I.D. hose in conjunction with Bay Corporation's products.
(III) - Recommended for Bay Corporation's 3/16" I.D. hose in conjunction with Bay Corporation's products.



Components for Hose Assemblies

1.888.835.3800

Hose Retractor

Hose Retractor1400-HR



Hose Cutting Device & Replacement Blade

Hose CutterHC-1
Replacement Blade.....HC-1B



Vinyl Tubing, Teflon Tape and Leak Detection Fluid



sales@baycorp.com

Medical Grade Vinyl Tubing



I.D.	O.D.	Wall	Maximum Working Pressure	Item No.
1/8"	1/4"	1/16"	59 @ 70° F	HL-24
3/16"	5/16"	1/16"	51 @ 70° F	HL-35
1/4"	3/8"	1/16"	51 @ 70° F	HL-46
1/4"	7/16"	3/32"	60 @ 70° F	HL-47*
5/16"	7/16"	1/16"	50 @ 70° F	HL-57
3/8"	9/16"	3/32"	50 @ 70° F	HL-69
3/8"	1/2"	1/16"	40 @ 70° F	HL-650
1/2"	5/8"	1/16"	28 @ 70° F	HL-858

* Suitable for vacuum service, not to exceed 21" Hg. @ 70° F.

Specifications

- Material: 100% Virgin FDA Grade PVC meets U.S. Pharmacopoeia Class VI Criteria for Hospital, Clinical, and Laboratory Apparatus.
- Non-Toxic, Non-Reactive, Odorless, and Tasteless.
- Tubing may be sterilized with steam (20 psi for 15 min.), Chemical Bactericides or Gas (Ethylene Oxide).
- Packaged in 100 ft. coils.

High Density Teflon Tape



1/4" x 520" for use with 1/8" NPTTFE-40
& 1/4" NPT Threads
1/2" x 520" for use with 1/2" NPTTFE-50
Threads & Larger

Instructions for Use:

Begin with the second thread from the end of the part to be taped. Wrap tape in the direction of the spiral. Make two complete wraps, drawing the tape around the threads tightly so that it conforms to the threaded surface. Allow for a slight overlap after the second full wrap and cut/tear the tape. Press the end of the tape in firmly. Make up the connection in the usual fashion and tighten. Tape will fill up the void in the threads and provide a positive seal.

Leak Detection Fluid

- Oxygen Safe
- Dries Clean
- Economical
- Meets MIL-L-255



8 oz.LD-8

Water Trap Assemblies

150 psi max

1.888.835.3800

Helps prevent moisture and water from entering downstream equipment while filtering out foreign material and debris. Designed for a service pressure of 150 psi maximum.

- Miniature Size
- 5 Micron Filter
- Manual Drain Valve
- High Flow Capacity

Straight Configurations



Medical Air, DISS 1160-A.....AFA-116
Male Inlet x Female Outlet
Oxygen, DISS 1240.....AFA-124
Male Inlet x Female Outlet

90° Configurations



Medical Air, DISS 1160-A.....AFA-116-90
90° Male Inlet x Female Outlet

Double 90° Configurations



Medical Air, DISS 1160-A.....AFA-116-2-90
90° Male Inlet x 90° Female Outlet

Water Trap Less Fittings



1/8" NPT Female Inlet x 1/8" NPT Female Outlet.....AFA-2

Replacement Components for Listed Water Traps

Filter Element, 5 MicronAFA-5R
Reservoir w/Manual DrainAFA-10R

Compact Valves

250 psi max



Featuring 1/4" turn shutoff for quick operation and visual on/off status. Full flow construction for optimum performance. Durable, chrome-plated brass body. Non-corrosive service.

sales@baycorp.com

NPT Male to NPT Male



1/8" NPT Male Inlet, 1/8" NPT Male Outlet7102
1/4" NPT Male Inlet, 1/4" NPT Male Outlet7104

NPT Female to NPT Female



1/8" NPT Female Inlet, 1/8" NPT Female Outlet7202
1/4" NPT Female Inlet, 1/4" NPT Female Outlet7204

NPT Male to NPT Female



1/8" NPT Male Inlet, 1/8" NPT Female Outlet7302
1/4" NPT Male Inlet, 1/4" NPT Female Outlet7304



Pipe Thread to Barbed Hose Adaptors

250 psi max

1.888.835.3800

Male NPT to Hose Barb



1/8" I.D. Hose Barb

1/8" NPT Male.....	MPT-22
1/4" NPT Male.....	MPT-42

3/16" I.D. Hose Barb

1/8" NPT Male.....	MPT-23
1/4" NPT Male.....	MPT-43

1/4" I.D. Hose Barb

1/8" NPT Male.....	MPT-24
1/4" NPT Male.....	MPT-44

5/16" I.D. Hose Barb

1/8" NPT Male.....	MPT-25
1/4" NPT Male.....	MPT-45

1/8" NPT Male to 'Bubble' Hose Barb (I)



Bubble Barbed for 1/4"-3/8" Nominal I.D. Hose.....	BLN-2-17
Bubble Barbed for 3/8"-1/2" Nominal I.D. Hose.....	BLN-3-17

Female NPT to Hose Barb



1/8" I.D. Hose Barb

1/8" NPT Female.....	FPT-22
1/4" NPT Female.....	FPT-42

3/16" I.D. Hose Barb

1/8" NPT Female.....	FPT-23
1/4" NPT Female.....	FPT-43

1/4" I.D. Hose Barb

1/8" NPT Female.....	FPT-24
1/4" NPT Female.....	FPT-44

5/16" I.D. Hose Barb

1/4" NPT Female.....	FPT-45
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Hose Splicers



Barbed for Joining 1/8" I.D. Hose.....	HS-22
Barbed for Joining 3/16" I.D. Hose.....	HS-33
Barbed for Joining 1/4" I.D. Hose.....	HS-44

Pipe Thread to Barbed Hose Adaptors

250 psi max



sales@baycorp.com

90° Male NPT Barbed for 1/4" I.D. Hose



1/8" NPT.....HA-217
1/4" NPT.....HA-417

90° Female NPT to Hose Barb



1/8" NPT Female x 1/4" I.D. Barb.....FPT-24-90
1/8" NPT Female x 5/16" I.D. Barb.....FPT-25-90

90° Swivel Adaptor to Hose Barb (*patent pending*)



1/8" NPT Female x 1/4" I.D. Hose Barb.....FPT-24-90S
1/8" NPT Female x 5/16" I.D. Hose Barb.....FPT-25-90S

- Tamper resistant design
- Permits 360° rotation
- Avoids hose kinking
- Improves safety
- Compact
- Balanced seal design

Pipe Thread Fittings

1000 psi max

1.888.835.3800

Female to Male Adaptors

1/8" NPT Female x	AB-22
1/8" NPT Male	
1/8" NPT Female x	AB-24
1/4" NPT Male	
1/4" NPT Female x	AB-42
1/8" NPT Male	
1/4" NPT Female x	AB-44
1/4" NPT Male	



Branch Tees

1/8" NPT All Ports	BT-2
1/4" NPT All Ports	BT-4



Street Tees

1/8" NPT All Ports	ST-2
1/4" NPT All Ports	ST-4



Crosses

1/8" NPT All Ports.....	CR-2
1/4" NPT All Ports.....	CR-4



3-Way Tees

1/8" NPT All Ports	T-2
1/4" NPT All Ports	T-4



90° Elbows

1/8" NPT Female.....	EL-2
1/4" NPT Female.....	EL-4



90° Street Elbows

1/8" NPT Female x	EL-22M
1/8" NPT Male	
1/4" NPT Female x	EL-42M
1/8" NPT Male	
1/4" NPT Female x	EL-44M
1/4" NPT Male	



45° Elbows

1/8" NPT Female x	EL-2M45
1/8" NPT Male	
1/4" NPT Female x	EL-4M45
1/4" NPT Male	



Pipe Thread Fittings

1000 psi max

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Female to Female Couplers

1/8" NPT Female	FC-2
1/4" NPT Female	FC-4
1/4" NPT Female x.....	FC-42
1/8" NPT Female	



Male to Male Hex Nipples

1/8" NPT Male	HN-2
1/4" NPT Male	HN-4
1/4" NPT Male x.....	HN-42
1/8" NPT Male	



Extension Adaptors

1/8" NPT Female x.....	LAB-22-25
1/8" NPT Male: Length - 2 1/2"	
1/4" NPT Female x.....	LAB-44-3
1/4" NPT Male: Length - 3"	



1/8" NPT Long Nipples

1 1/2" in Length.....	LN-2-15
2" in Length	LN-2-20
2 1/2" in Length.....	LN-2-25



1/4" NPT Long Nipples

1 1/2" in Length.....	LN-4-15
2" in Length	LN-4-20
2 1/2" in Length.....	LN-4-25
3" in Length.....	LN-4-30
3 1/2" in Length.....	LN-4-35



Hex Head Pipe Plugs

1/8" NPT Male.....	PG-2
1/4" NPT Male.....	PG-4



Countersunk Pipe Plugs

1/8" NPT Male.....	PG-2C
1/4" NPT Male.....	PG-4C



Bulkhead Assembly (I)

1/8" NPT Female	BH-2
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Note: (I) - Special configurations are available upon request.
See page 15 for One-Way Check Valves in Pipe Thread Fittings.



Flexible Pigtails

3000 psi max

1.888.835.3800

Flexible assemblies contain a Teflon inner core supported by a stainless steel wire braid external wrap. End connections are stainless steel, unless otherwise indicated. Temperature range: -40° to 150°F.

Flexible Stainless Steel Pigtails, 1/4" NPT Female x 1/4" NPT Female (I)



18" Long	FP-4-18
24" Long	FP-4-24
36" Long	FP-4-36
48" Long	FP-4-48

Flexible Stainless Steel Pigtails, Gas Specific (I)



Carbon Dioxide	FP-320-(X)
Medical Air	FP-346-(X)
Nitrogen	FP-580-(X)
Nitrous Oxide	FP-326-(X)

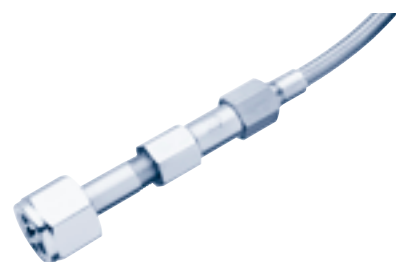
(X) = Pigtail Length less fittings18", 24", 36", or 48".
(Chrome-plated brass end connections.)

Insufflator Pigtail for Carbon Dioxide Service *(For use in conjunction with Insufflator Yoke, #9406, see pg. 49)*



1/4" SAE Flare with 7/16"-20 Thread,	FP-123
Length - 36"	

Pigtails with Inlet Check Valve, Gas Specific (I)



Carbon Dioxide	FP-320-(X)CV
Medical Air	FP-346-(X)CV
Nitrogen	FP-580-(X)CV
Nitrous Oxide	FP-326-(X)CV

(X) = Pigtail Length less fittings . . . 18", 24", 36" or 48".
(Chrome-plated brass end connections.)

Oxygen Rigid Pigtail and High-Pressure Fittings

3000 psi max



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Copper Pigtail for Manifolding Cylinders

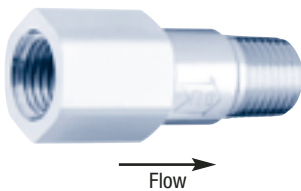
Oxygen, 20" fixed length; Unplated.....BP-540-20



One-Way Check Valve, 1/4" NPT Female Inlet x 1/4" NPT Male Outlet

Adaptor with Nitrile O-ring.....HP-44CV

Adaptor with Viton O-ring, *for Oxygen service*...HP-44CV-V



Tee Couplers

Oxygen, Chrome-Plated BrassT-540

Oxygen, Unplated.....BT-540



CGA Series Cylinder Valve Connections

3000 psi max

1.888.835.3800

Medical Breathing Mixtures, HeliOx; CGA 280 (I)



.750-14 NGO, RH-INT Thread

Hex Nut	284
Nipple, 2 1/2" x 1/4" NPT Male	285
Nipple w/filter, 2 1/2" x 1/4" NPT Male	285F

Carbon Dioxide; CGA 320



.830-14 NGO, RH-INT Thread

Hex Nut	324
Nipple, 2 1/2" x 1/4" NPT Male	320-5
Nipple w/filter, 2 1/2" x 1/4" NPT Male	320-5F
Teflon washer for 320-5 & 320-5F nipples	360W

Nitrous Oxide; CGA 326



.830-14 NGO, RH-INT Thread

Hex Nut	3264
Nipple, 2 1/2" x 1/4" NPT Male	3265
Nipple w/filter, 2 1/2" x 1/4" NPT Male	3265F

Medical Air; CGA 346



.830-14 NGO, RH-INT Thread

Hex Nut	344
Nipple, 2 1/2" x 1/4" NPT Male	345
Nipple w/filter, 2 1/2" x 1/4" NPT Male	345F

Medical Mixtures; CGA 500 (I)



.880-14 NGO, RH-EXT Thread

Hex Nut	504
Nipple, 2 1/2" x 1/4" NPT Male	503
Nipple w/filter, 2 1/2" x 1/4" NPT Male	503F

Oxygen; CGA 540



.908-14 NGO, RH-INT Thread

Hex Nut	544
Nipple, 2" x 1/4" NPT Male	543
Nipple w/filter, 2" x 1/4" NPT Male	543F
Nipple, 2 1/2" x 1/4" NPT Male	545
Nipple w/filter, 2 1/2" x 1/4" NPT Male	545F
Nipple, 3" x 1/4" NPT Male	547
Nipple w/filter, 3" x 1/4" NPT Male	547F

Oxygen, Hand-Tight; CGA 540



.908-14 NGO, RH-INT Thread

Hand-Tight Nut	544HT
Nipple w/Kel-F Tip, 2 1/2" x 1/4" NPT Male	543HT
Kel-F Tip replacement for 543HT Nipple	540-RT

Nitrogen, Helium; CGA 580



.960-14 NGO, RH-EXT Thread

Hex Nut	584
Nipple, 2 1/2" x 1/4" NPT Male	583
Nipple w/filter, 2 1/2" x 1/4" NPT Male	583F
Nipple, 3" x 1/4" NPT Male	585
Nipple w/filter, 3" x 1/4" NPT Male	585F

Heavy Duty Metal Wrench

For Large Cylinder (1 1/8" Nut) and Medical
D & E Cylinder ApplicationsWR-3



D & E Cylinder Wrenches



Polycarbonate Wrench.....WR-1



Polycarbonate Wrench, w/4" Loop ChainWR-1C



Polycarbonate Wrench, with 6" Chain & Clip WR-1CR
Polycarbonate Wrench, with 12" Chain & Clip Ring.....WR-1C12



Metal Wrench.....WR-4

• Contact Bay Corporation for custom label and security chain options.



Pin-Indexed Yoke Assemblies

3000 psi max • For D & E Medical Cylinder Applications

1.888.835.3800



CGA Male



1/4 NPT male w/Check Valve



1/4" NPT Male



Insufflator Yoke

Pin-Indexed Yoke Assemblies

3000 psi max • For D & E Medical Cylinder Applications

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Oxygen; CGA 870

CGA 540 Male	8701
1/4" NPT Male	8704
1/4" NPT Male	8704CV
w/One-Way Check Valve and Rubber Washer	

Carbon Dioxide & Oxygen Mixtures (I); CGA 880

1/4" NPT Male	8804
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Helium & Oxygen Mixtures (V) Nitrogen & Oxygen Mixtures (III) Xenon & Oxygen Mixtures (IV); CGA 890

1/4" NPT Male	8904
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Nitrous Oxide; CGA 910

CGA 326 Male	9101
1/4" NPT Male	9104
1/4" NPT Male	9104CV
w/One-Way Check Valve and Rubber Washer	

Helium, Helium & Oxygen Mixtures (II); CGA 930

1/4" NPT Male	9304
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Carbon Dioxide, Carbon Dioxide & Oxygen Mixtures (VI); CGA 940

1/4" NPT Male	9404
1/4" NPT Male	9404CV
w/One-Way Check Valve and Rubber Washer	
Insufflator Yoke, 7/16" Flare	9406

Air; CGA 950

CGA 346 Male	9501
1/4" NPT Male	9504
1/4" NPT Male	9504CV
w/One-Way Check Valve and Rubber Washer	

Nitrogen; CGA 960

CGA 580 Male	9601
1/4" NPT Male	9604

Special Medical Mixtures; CGA 973*

1/4" NPT Male	9734
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* Nonflammable, Noncorrosive Gas Mixtures Labeled as Drugs or Medical Devices, and not having another Connection Assignment.

Replacement Components for Yoke Assemblies



T-Bar Handle,	TH-1
Screw Length - 1 3/4"	
Extended T-Bar Handle,	TH-2
Screw Length - 2 3/16"	
Plastic Yoke Washer	TW-100
Nitrile Washer with Aluminum Ring	RW-1
Fluorocarbon Washer with Brass Ring	RW-2
-recommended for Oxygen service	

Note: (I) - Carbon Dioxide not over 7%

(II) - Helium over 80%

(III) - Oxygen over 23.5%

(IV) - Oxygen over 23.5%

(V) - Helium not over 80%

(VI) - Co2 over 7%

Special configurations are available upon request.

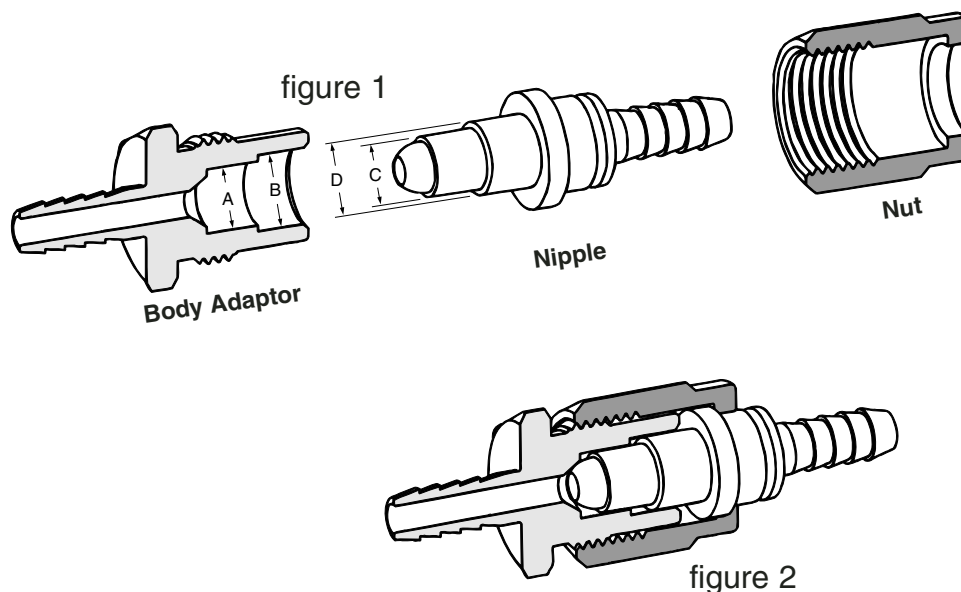
Diameter-Index Safety System

1.888.835.3800

Diameter-Index Safety System

The Compressed Gas Association (CGA) developed the Diameter-Index Safety System (DISS) to establish a standard for non-interchangeable, removable connections for use with Medical Gases (200 psi max.), Vacuum (Suction), and WAGD (Evacuation) Service. Non-interchangeable indexing is achieved by a series of increasing and decreasing diameters in the components of the connections. These specific diameters act in a key-like fashion, so that fittings within the gas service “family” (Vacuum and WAGD included) will connect only with their own “family members.” In place of diameter indexing, Oxygen (DISS 1240) has been assigned the long established 9/16"-18 thread connection as its safety standard.

Each DISS connection consists of a Body Adaptor, Nipple, and Nut (Fig. 1). As the diameters of the Body Adaptor (A & B) increase/decrease, the diameters of its mating Nipple (C & D) increase/decrease proportionally. In this way, only properly mated and intended parts fit together to permit thread engagement (Fig. 2). The DISS system is utilized on gas pressure regulator outlets, wall outlets, anesthesia equipment and respiratory therapy equipment. Bay Corporation is an active, contributing CGA member. For additional information on the Diameter-Index Safety System, please contact Bay Corporation.



Gas Name	Connection No.
Carbon Dioxide	1080-A
He-O ₂ mixture (I)	1060-A
Instrument Air (III)	2080
Medical Air	1160-A
Nitrogen	1120-A
Nitrous Oxide	1040-A
O ₂ -He mixture (II)	1180-A
Oxygen	1240
Vacuum (Suction)	1220
WAGD (EVAC)	2220

Chemetron®, Ohmeda®, Puritan®, and Schrader® are trademarks of their respective companies.

Note: (I) - Heliox mixtures: Helium over 80%.
(II) - Heliox mixtures: Helium not over 80%.
(III) - Intended for the powering of medical devices unrelated to human respiration.

Warranty and Remedy

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The Buyer represents and warrants that the Buyer is knowledgeable and capable to assemble, process, and resell Bay Corporation's (herein "Bay") products in a manner consistent with current industry standards.

Except as otherwise noted on Bay's quotation or other signed written communication from Bay, all parts sold by Bay are warranted for a period of one year from the date of shipment to be free from defects in material and workmanship and to conform to Bay's written specifications applicable to the parts. Bay, at its option, will replace, repair, or give Buyer proper credit for any products or parts found by Bay not to comply with this warranty. No other warranty or guarantee, expressed or implied, including without limitation the warranty of merchantability or fitness for any purpose, shall exist in connection with the design, manufacture, sale, or use of any goods or parts sold by Bay.

Without in anyway limiting the generality of the foregoing, this warranty does not cover, and Bay shall have no liability for:

- A. Failure or damage due to misapplication, abuse, improper installation, or abnormal conditions of use, temperature, moisture, dirt, pollution, or corrosion.
- B. Parts that have been in any way altered after leaving Bay's plant.
- C. Parts damaged in shipment or otherwise without Bay's fault.
- D. Expenses incurred by the Buyer in processing any parts before discovery of alleged defects or in attempting to correct same.
- E. Failure or rejection of parts due to incorrect specifications and/or design parameters supplied by the Buyer.
- F. Damages or losses resulting directly or indirectly from the use or resale by the Buyer of defective parts, or for Bay's parts that have been further processed by the Buyer.

Bay shall not be liable for incidental, indirect, consequential, or punitive damages. The remedies of purchaser set forth herein are exclusive, and the liability of Bay with respect to any contract or sale, whether in contract, in tort, under any warranty, express or implied for merchantability, fitness, or otherwise, shall not exceed the price of the products upon which such liability is based. Bay shall not be responsible for losses, detentions, or delays occasioned by accident, strikes, or fires affecting Bay's operations or the operations of Bay's suppliers, or any other cause beyond the control of Bay.

All claims by Buyer will be deemed waived if not presented within 30 days after receipt of shipment. Upon notice of any such claims, Bay may inspect any alleged defective parts at the Buyer's place of business or may request their return to Bay. The Buyer may not return parts without authority from Bay and Bay will not be liable for transportation charges if parts are returned without Bay's authorization.

Terms and Conditions

Payment:	2% 10 days from date of invoice, net 30 days to customers with established credit.
Past Due Account:	An interest penalty of 1.5% per month will be charged to delinquent accounts.
Freight And Allowance:	Delivery on all orders of net value of less than \$1,500.00 shall be F.O.B. shipping point. On shipments of standard catalog items exceeding \$1,500.00 in value, the freight shall be F.O.B. delivered to all points in the continental USA. Unless specifically agreed upon in advance, Bay will select the carrier and route.
Prices:	Prices are subject to change without notice and are quoted in US dollars.
Quotations:	All quotations are for immediate acceptance unless otherwise stated and are subject to correction for clerical error. Refer to original mailed quotation for additional terms and conditions of sale.
Stock Items:	Bay reserves the right to update or change the design of Bay's standard product line without notice.
Minimum Order:	A minimum charge will apply to cover the cost of processing small valued orders.
Returned Goods:	Bay will not accept returned goods without prior approval. The Buyer shall obtain an RGA (Returned Goods Authorization) number from Bay. To receive credit, all items being returned must be carefully packed to avoid transit damage. Items returned for reason other than the fault of Bay will be subject to restocking charges. Certain products, including specials and obsolete items, cannot be returned for credit.
Shortage And Damage Claims:	Contact Bay immediately upon receipt of shipment to report any shortages and/or damages.
Governing Law:	All transactions with Bay shall be deemed to have been made and entered into and shall be construed and enforced in accordance with the laws of the State of Ohio. Any action to interpret or enforce contracts with Bay shall take place in Cleveland, Ohio.
Arbitration:	Any dispute arising out of or related to Bay's products or any contract with Bay, other than an action seeking injunctive relief, shall be resolved by binding arbitration by the American Arbitration Association, in Cleveland, Ohio pursuant to the rules of commercial arbitration. Buyer and Bay agree to each pay one-half the cost of the arbitration proceeding. Any decision rendered by the arbitrators shall be binding upon the parties and may be filed in any court of competent jurisdiction.



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