

## Hose Assembly - Canadian Standard

Hose Assembly Part Numbers	Outlet Side	Inlet Side
Hex Nut configuration <b>HCW8-4S8S-XXX</b> Where XXX is length in inches 1 CM = to 0.394 inch Length rounded up to nearest inch		
Knurled Nut Configuration <b>HCW8-3C8S-XXX</b> Where XXX is length in inches 1 CM = to 0.394 inch Length rounded up to nearest inch		

Flotec's Canadian Hose Assemblies are intended to deliver compressed, low-pressure oxygen between a source of compressed oxygen and medical equipment. They are primarily intended to be used in medical facilities by medical professionals. Canadian Hose Assemblies are not intended to be directly attached to patients in any way.

Flotec's Canadian Hose Assemblies were designed to be compliant with both ISO 5359:2014 and CAN/CSA-Z5359:16.

### Canadian Hose Assembly Specifications:

<b>Medical Gas, Hose Color</b>	Oxygen, White
<b>Operating Pressure</b>	Up to 14 Bar (1400 kPa, 200 psig)
<b>Operating Flow Rate</b>	Up to 250 LPM
<b>Outlet</b>	DISS-1240 with demand check valve
<b>Temperature Range</b>	Use and store between -10 to 40° C (14 to 104° F)

### Canadian Hose Assembly Optional Configurations

<b>Inlet Type</b>	DISS-1240 with O-ring & knurled nut for tightening by hand or DISS-1240 with O-ring & hex nut for tightening with a wrench
<b>Hose Length</b>	45.7 cm to 76 cm (18 in to 300 in) Fittings will increase the overall length by approximately 5 cm (2 in) If exact dimensions from fitting to fitting are needed, let us know.

When ordering or requesting information, please use the part numbers specified above as well as a specified length of hose. If there are any questions on what to order, how to order, or product specifications, contact us at [orderdesk@floteco2.com](mailto:orderdesk@floteco2.com).



Date	Revision	Description	ECN #	Draft	Check
09-30-2020	A	Release and Issue	E20-019	JW	

  

**Nut Lasing Information**

Assembly Job Number  
Ex: A1234

Expiration Date  
Ex: 08272030  
MMDDYY  
MM - Month  
DD - Day  
YYYY - Year

**Ferrule Lasing**  
Laser Engrave both Ferrules with "Flotec"

**Lay Line Information**  
Note: Layline Information Appears every 48" (4 ft)  
FLOTEC Medical Gas Hose 250 PSI (1700 kPa) WP 1/4" (6.3 mm) Non-Conductive

**Manufacture Date**  
Manufacture Date Permanently Embossed Every 12" (1ft) in the following format:  
NMMDDYYYY  
MM - Month  
DD - Day  
YYYY - Year

2 wraps of PTFE Thread Tape Used to seal pipe connections (Item #8)

7	710-6602-002	N/A	Green PTFE Thread Tape	PTFE
6	DCV-1240	1	DISS-1240 Check Valve (Oxygen)	Plated Brass, Neoprene, Stainless Steel
5	AF02HB-2-4	1	1/8" FNPT - 1/4" Hose Barb	Brass Plated
4	HAW5-4	18 - 300"	Medical Gas Hose, White	See Table
3	HF-500	2	Hose Ferrule	Brass, Plated
2	b DHN-1240	1	DISS 1240 Hex Nut	Brass, Plated
	a 410-5411-002	1	DISS 1240 Swivel Nut	6061-T6/T651 Aluminum, Clear Anodized
1	DN-1240X-HB-4	1	DISS 1240 Nipple to 1/4" Hose Barb w/o O-Ring	Brass Plated

Assembly Part Number	Description
HCW8-4S8S-XXX	Hose Assembly, Canada, Oxygen, CGA 1240 Hex nut w/ O-ring, CGA 1240 Check Valve, Specified Length
HCW8-3C8S-XXX	Hose Assembly, Canada, Oxygen, CGA 1240 knurled nut w/ O-ring, CGA 1240 Check Valve, Specified Length

Item #	Flotec Part #	Quantity	Description	Material
7	710-6602-002	N/A	Green PTFE Thread Tape	PTFE
6	DCV-1240	1	DISS-1240 Check Valve (Oxygen)	Plated Brass, Neoprene, Stainless Steel
5	AF02HB-2-4	1	1/8" FNPT - 1/4" Hose Barb	Brass Plated
4	HAW5-4	18 - 300"	Medical Gas Hose, White	See Table
3	HF-500	2	Hose Ferrule	Brass, Plated
2	b DHN-1240	1	DISS 1240 Hex Nut	Brass, Plated
	a 410-5411-002	1	DISS 1240 Swivel Nut	6061-T6/T651 Aluminum, Clear Anodized
1	DN-1240X-HB-4	1	DISS 1240 Nipple to 1/4" Hose Barb w/o O-Ring	Brass Plated

Tolerances Unless Otherwise Specified		Material: See BOM	
2 Decimal Places ±0.01	Angles ±1.0°	Suggested Bar Stock Size: N/A	
3 Decimal Places ±0.005	Chamfer Angles ±5.0°	Sheet: 1 of 1	Drawing Number: HCW8-XX8S-XXX
4 Decimal Places ±0.0005	Fractions ±1/64"		

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## Absence of CMR Phthalates:

Based on design & testing, Flotec Hose Assemblies are free of Phthalates that may be **Carcinogenic, Mutagenic, or toxic to Reproduction**