

Dual Lumen Nasal Cannulas

There are several dual lumen nasal cannulas that CAIRE offers. The most popular are those that sense and deliver oxygen in both nostrils. The customer has the option of two designs: concentric tubes or split nasal prongs.

Concentric Tubes



10035468 Dual Lumen Cannula 5'
10035467 Dual Lumen Cannula 7'

Split Nasal Prong



6-778058-00 Dual Lumen Cannula 5'
6-778057-00 Dual Lumen Cannula 7'

The dual lumen cannula is used only with the HELiOS Plus and HELiOS Marathon. The Spirit and all continuous flow units use the single lumen cannula available from your local DME provider.

HELiOS Plus Conserver

When ordering the conserver for the HELiOS Plus, please do not use part number B-701572-00. This is no longer available and has been replaced by B-702132-00.

HELiOS Marathon Vent Valve Assembly

Dating back to November 2007, all HELiOS Marathon vent valve assemblies are equipped with vent valve restrictors. All service vent valve assemblies will also be equipped with these restrictors causing those without a restrictor to be obsolete. Please use part number 10029030 to order vent valve assemblies instead of 067980.

FCV Positioning During Filling

When filling a portable from any of the reservoirs offered by CAIRE, the flow control valve on both the portable and the reservoir should be turned to the off position (i.e. to a flow setting of 0) for the duration of the filling process.



H300 & H850 PRIMARY RELIEF / ECONOMIZER VALVES

The relief / economizer valves used on the H300 and H850 portables are designed to operate at different pressures and are not interchangeable. To replace these valves, use the part numbers below.

H300 Primary Relief (27.5 PSI)/ Economizer Valve (20.5 – 23.0 PSI): B-702074-00
H850 Primary Relief (28 PSI)/ Economizer Valve (23.5 – 28.0 PSI): 067958

QDV Compatibility

The current design for Chart part number 14447612T (QDV BASE TF M PB/CP TPED) is compatible for use with the following units:

- Stroller and Sprint units equipped with PB female QDV
- Spirit units equipped with PB female QDV
- Hi-Flow Stroller units equipped with PB female QDV
- Companion units equipped with PB female QDV
- HELiOS units equipped with PB female QDV
- Cryopal FREELOX portable units

The portable units listed above can be filled from a base/stationary unit equipped with a PB/CP Male QDV or a US FREELOX 2 male QDV. However, part number 14447612T was not designed for use with the Taema female QDV, as the inner diameter of the Taema QDV is too small to accommodate the outer diameter of the Cryopal compatible QDV.

QDV Removal and Replacement Procedure

QDV Removal:

1. Empty the LOX from the unit and depressurize the unit prior to removing the QDV
2. Remove Shroud
3. Remove pop-off assembly & sleeve if applicable.¹
4. Turn the top fill QDV nut clockwise with an adjustable wrench while holding the QDV stationary.
5. Pull the QDV straight up and off of the fill tube.

QDV Replacement:

1. Push QDV back on to fill tube and torque nut to 60-67 N-m (45-50 ft-lbs), while holding valve body, to fasten the QDV in place.
2. Place pop-off sleeve over QDV.¹
3. Reassemble pop-off assembly, ensuring that the pin fits into the groove at the base of the pop-off sleeve.¹
4. Replace shroud.

¹Push-on QDVs (Puritan Bennett and Taema) are the only valves that require the pop-off sleeve.

Procedure is Applicable to the Following:



10542031T QDV BASE TF PB TPED (Puritan Bennett)



10754105T QDV BASE TF M PEN TPED (Penox)



QDV Removal and Replacement Procedure(cont.)



13708067T QDV BASE TF M TAE TPED (Taema)



14447612T QDV BASE TF M PB/CP TPED (Cryopal)



CA003778T QDV BASE TF M LO TPED (Life-Ox)



10768558 TUBE EXT POSI-LOCK -
Use this extension with the Penox and Life-Ox QDVs.

Customer & Technical Info

For ordering information contact

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