

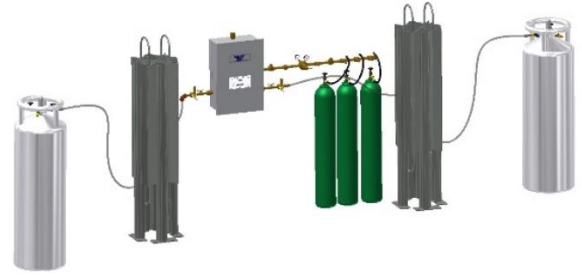
**Submittal Data Sheet**

**Project Information**

Cryogenic Kits provide all of the Cryogenic Liquid Transfer Hoses and Fittings needed to interconnect from one to four Portable Bulk or Micro Bulk Liquid Vessels to Vaporizers and Vaporizers to LX35 and PLX35 series Genesys™ high flow manifold headers. Cryogenic Kits are cleaned for use with oxygen in accordance with CGA G4.1, tested and built-in accordance to Compressed Gas Association (CGA) and National Fire Protection Association (NFPA 99) guidelines.

**Complete Cryogenic Kits Include:**

- **Vaporizer Outlet(s)**  
3/4" FNPT / 1/2" FNPT X CGA 440 Oxygen/  
CGA 295 Nitrogen
- **Vaporizer Inlet Sub-Assembly(ies)**  
3/4" FNPT / 1/2" FNPT X one to four CGA 440 Oxygen/  
CGA 295 Nitrogen connections
- **Liquid Vessel Equalizer Sub-Assembly(ies)**  
CGA 440 Oxygen/ CGA 295 Nitrogen female x CGA 440 Oxygen/  
CGA 295 Nitrogen males, for connecting vent hoses between  
vessels
- **8-foot Cryogenic Transfer Hose(s)**  
From Vaporizer Inlet Sub-Assembly(ies) to Portable  
Bulk or Micro-Bulk Liquid Vessel(s) CGA 440 Oxygen/  
CGA 295 Nitrogen
- **6-foot Cryogenic Transfer Hose(s)**  
From Vaporizer Outlet to LX35/ PLX35 manifold header
- **4- foot Cryogenic Vent Hose(s)**  
To connect the vents of multiple Portable Bulk or  
Micro-Bulk Liquid Vessels to ensure even flow of liquid



**Cryogenic Transfer/ Vent Hose**

- 20-2010 8- feet Cryogenic Transfer Hose
- 20-2011 6- feet Cryogenic Transfer Hose
- 20-2012 4- feet Cryogenic Transfer/ Vent Hose



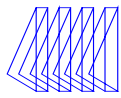
**17-0432**  
**Vaporizer Outlet**  
CGA 440 Oxygen male x 3/4" FNPT



**17-0434**  
**Vaporizer Inlet Sub-Assembly  
for two transfer hoses**  
3/4" FNPT x two CGA 440 Oxygen male



**17-0437**  
**Vessel Equalizer Sub-Assembly**  
CGA 440 Oxygen female x two CGA  
440 Oxygen males



*How to Order: Cryogenic Hoses and accessories*

**Complete Cryogenic Kits**

| <b>PLX35 Series Manifold Left Bank Header Cryogenic Kits</b> |   |
|--|---|
| <b>Part Number</b>   | <b>Description</b>  |
| 30-1011  | 1 Vessel - Left Side Vessel Header Kit CGA 440 - Oxygen   |
| 30-1012  | 2 Vessel - Left Side Vessel Header Kit CGA 440 - Oxygen   |
| 30-1013  | 3 Vessel - Left Side Vessel Header Kit CGA 440 - Oxygen   |
| 30-1014  | 4 Vessel - Left Side Vessel Header Kit CGA 440 - Oxygen   |
| 30-1016  | 1 Vessel - Left Side Vessel Header Kit CGA 295 - Nitrogen |
| 30-1017  | 2 Vessel - Left Side Vessel Header Kit CGA 295 - Nitrogen |
| 30-1018  | 3 Vessel - Left Side Vessel Header Kit CGA 295 - Nitrogen |
| 30-1019  | 4 Vessel - Left Side Vessel Header Kit CGA 295 - Nitrogen |

| <b>LX35 Series Manifold Header Cryogenic Kits (Both Banks)</b> |   |
|--|---|
| <b>Part Number</b>   | <b>Description</b>                                      |
| 30-1000  | 1 x 1 Cryogenic liquid transfer kits CGA 440 - Oxygen   |
| 30-1001  | 2 x 2 Cryogenic liquid transfer kits CGA 440 - Oxygen   |
| 30-1002  | 3 x 3 Cryogenic liquid transfer kits CGA 440 - Oxygen   |
| 30-1003  | 4 x 4 Cryogenic liquid transfer kits CGA 440 - Oxygen   |
| 30-1004  | 1 x 1 Cryogenic liquid transfer kits CGA 295 - Nitrogen |
| 30-1005  | 2 x 2 Cryogenic liquid transfer kits CGA 295 - Nitrogen |
| 30-1006  | 3 x 3 Cryogenic liquid transfer kits CGA 295 - Nitrogen |
| 30-1007  | 4 x 4 Cryogenic liquid transfer kits CGA 295 - Nitrogen |

**Oxygen Cryogenic Kit Components**

| <b>Part Number</b> | <b>Description</b>  |
|--------------------|---|
| *17-0432           | Vaporizer Outlet CGA 440 Oxygen male x 3/4" FNPT                    |
| 17-0433            | Vaporizer Inlet 3/4" FNPT x CGA 440 Oxygen male                     |
| *17-0434           | Vaporizer Inlet 3/4" FNPT x two CGA 440 Oxygen male                 |
| 17-0435            | Vaporizer Inlet 3/4" FNPT x three CGA 440 Oxygen male               |
| 17-0436            | Vaporizer Inlet 3/4" FNPT x four CGA 440 Oxygen male                |
| *17-0437           | Equalizer Sub-Assembly CGA 440 O2 female x two CGA 440 O2 male      |
| 17-0408            | Bushing, 3/4" MNPT x 1/2" FNPT                                      |
| 17-0525            | CGA 295 Vaporizer Outlet  |
| 17-0526            | CGA 295 1x1 Vaporizer Inlet   |
| 17-0528            | CGA 295 2x2 Vaporizer Inlet   |
| 17-0529            | CGA 295 3x3 Vaporizer Inlet   |
| 17-0530            | CGA 295 Vaporizer/Vessel Equalizer (Used on 3x3 & 4x4)              |
| 17-0533            | CGA 295 4x4 Vaporizer Inlet   |
| 20-2010            | 8' Cryogenic liquid transfer hoses with fittings CGA 440 - Oxygen   |
| 20-2011            | 6' Cryogenic liquid transfer hoses with fittings CGA 440 - Oxygen   |
| 20-2012            | 4' Cryogenic liquid transfer hoses with fittings CGA 440 - Oxygen   |
| 20-2018            | 6' Cryogenic liquid transfer hoses with fittings CGA 295 - Nitrogen |
| 20-2019            | 8' Cryogenic liquid transfer hoses with fittings CGA 295 - Nitrogen |
| 20-2020            | 4' Cryogenic liquid transfer hoses with fittings CGA 295 - Nitrogen |

*\*See Photos on sheet 1 of 2*