

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 LD35 and PLD35 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).

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 LD35/ PLD35 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



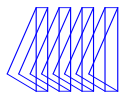
17-0432
Vaporizer Outlet
CGA 440 Oxygen male x 3/4" FNPT



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

PLXD35 Series Manifold Left Bank Header Cryogenic Kits	
Part Number	Description
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

LXD35 Series Manifold Header Cryogenic Kits (Both Banks)	
Part Number	Description
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

Part Number	Description
*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
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