



Dixon® MannTek Cryogenic Dry Disconnects – Hose Unit

Application

- Container discharge, fuel bunkering, loading/unloading of tank trucks, rail cars, ships, bunkering and tank vessels, vapor recovery lines. Suitable for cryogenic liquified gases, such as LNG, nitrogen, oxygen, argon, and ethylene.

Material

- Seals: PTFE

Specifications

- 1 to 4" **360 PSI** maximum, 6" **230 PSI** maximum
- Temperature rating: **-328°F (-200°C)** minimum
- Conforms to ISO/DTS 18683 dimensioned for dry disconnects used for bunkering

Features

- Single action operation uses a straightforward turning motion to connect the couplings and open the flow path
- Safe and reliable: valve cannot be opened until the unit is coupled and it closes automatically when disconnecting, eliminating spills
- Used with a wide range of cryogenic liquefied gases without the risk of cross connection due to human error
- Over 6,000 LNG fuel bunkering operations since 2013, Used for receiving and storing liquid oxygen, liquid hydrogen, and LNG for rocket and engine testing
- A quick and safe connection of hoses and loading arms under pressure and with minimized product loss



Female NPT

Size	316 Stainless Steel Part #
2"	CRYDDC200SS
3"	CRYDDC300SS
4"	CRYDDC400SS
6"	CRYDDC600SS

150# Flange

Size	316 Stainless Steel Part #
2"	CRYDDC200SSFL
3"	CRYDDC300SSFL
4"	CRYDDC400SSFL
6"	CRYDDC600SSFL

Dixon® MannTek Cryogenic Dry Disconnects Adapters – Tank Unit

Female NPT

Size	316 Stainless Steel Part #
3"	CRYDDA300SS
4"	CRYDDA400SS

150# Flange

Size	316 Stainless Steel Part #
2"	CRYDDA200SSFL
3"	CRYDDA300SSFL
4"	CRYDDA400SSFL
6"	CRYDDA600SSFL



Cryogenic Dry Disconnect Plugs

Size	Composite Part #
1-1/2" to 2"	CRYDDDP200
3"	CRYDDDP300

