

CRYOGENIC TRANSPORT WITH PUMP

D. O. T. CRYOGENIC STORAGE TRANSPORT Ethane, Ethylene & LNG



CRYOGENIC TRANSPORT ETHANE, EHTYLENE & LNG SPECIFICATIONS

CRYOGENIC TRANSPORT SPECIFICATIONS:		
TARE WEIGHT	28,000 Lbs.	
WATER VOLUME	11,455 Gal.	
CODE	MC 338	
TRAILER LENGTH	46.5 FT.	
MAX WORKING PRESSURE	100 PSI.	
ETHANE (WITH 4K OVERWEIGHT ALLOWANCE)	37,628 Lbs.	8,250 Gal.
ETHYLENE (WITH 4K OVERWEIGHT ALLOWANCE)	37,628 Lbs.	7,949 Gal.
LNG (WITH 4K OVERWEIGHT ALLOWANCE)	37,628 Lbs.	10,617 Gal.

SEE BACK FOR CONNECTIONS

ETHANE PUMP PERFORMANCE	
MIN gpm	90 gpm @ 184 psig discharge
OPT gpm	180 gpm @ 175 psig
MAX gpm	220 gpm @160 psig
DISCHARGE PRESSURE MAX 225 psi	

ETHYLENE PUMP PERFORMANCE	
MIN gpm	90 gpm @ 191 psig discharge
OPT gpm	180 gpm @ 181.7 psig
MAX gpm	220 gpm @167 psig
DISCHARGE PRESSURE MAX 262 psi	

LNG PUMP PERFORMANCE	
MIN gpm	90 gpm @ 143 psig discharge
OPT gpm	180 gpm @ 136 psig
MAX gpm	220 gpm @125 psig
DISCHARGE PRESSURE MAX 216 psi	

CRYOGENIC CONNECTIONS

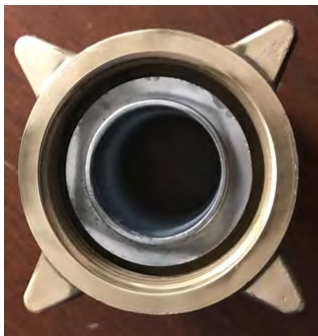
Trailer Fill Port & Hose Connections for Ethane or Ethylene



3 1/4 ACME TRAILER TANK CONNECTION



ETHANE & ETHYLENE TANK CONNECTION WITH PTFE TEFLON GASKETS

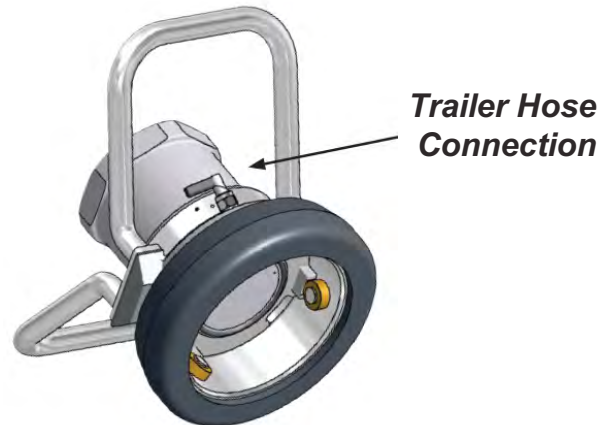


3 1/4 ACME TRAILER HOSE CONNECTION

Dry Break Cam & Groove Style Dry Disconnect Couplings for Ethane

- Value of QDCs
- No hammering
- No leaking during cool down
- Eliminates purging and cool down losses
- Eliminates venting the hose volume at the conclusion of the loading operation.

Dry Hose Connections for Cryogenic Ethane or Ethylene



Fill Tank Connection