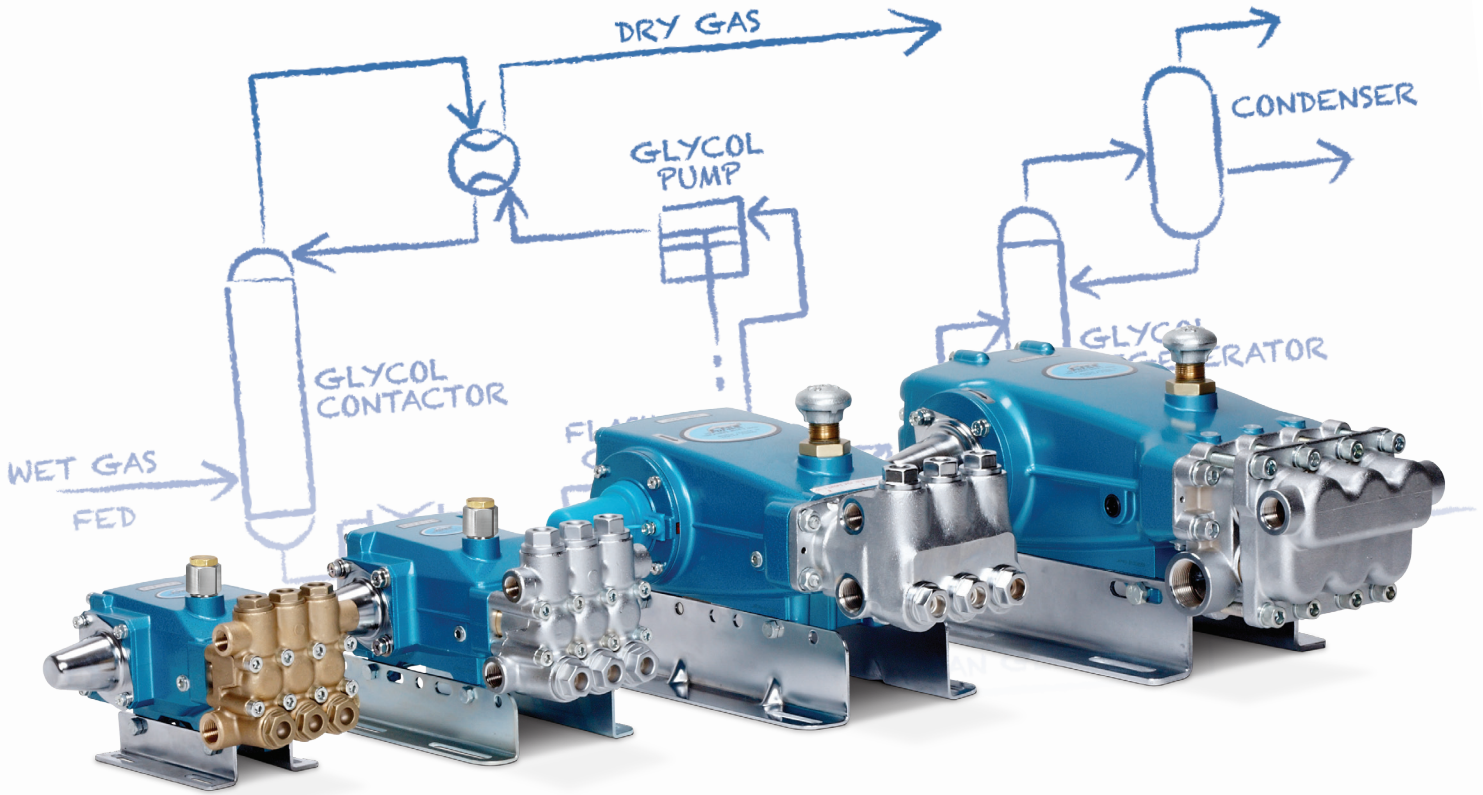


# TEG DEHYDRATION PUMPS



## TEG Pump Reliability You Expect From Cat Pumps®

The formation of hydrates in gas pipelines has had a significant impact to industry profits for decades causing unplanned production shutdowns and destruction of system equipment. Triethylene glycol (TEG) is the most common method of removing water from natural gas. Emission compliance and reliability of the glycol system equipment, especially the glycol pump, is essential. Our electric/engine-driven TEG pump product line has been field-proven in the most rigorous dehydration conditions, a reliability you would expect from Cat Pumps. All pumps can be electric/engine-driven to help with HAP's compliance and lowering of regulatory costs.

### Electric-Engine vs. Gas-Pilot Driven Pumps

- A third or more reduction in methane emissions
- Payback to refit existing systems with electric/engine driven pumps is less than one year
- No piston O-ring to wear improving operating efficiency
- Lower maintenance costs – longer seal life
- HAP's reduced lowering regulatory compliance costs

### Product Features

- Continuous-duty performance where low life-cycle costs are a must
- Field proven performance from 2.3 to 25 gpm (8.7 to 94.6 lpm) at pressures from 100 to 2500 psi (7 to 175 bar) at temperatures up to 240°F (116°C)
- Brass or stainless manifold construction for compatibility
- Other model performances available upon request

# Triethylene Glycol (TEG) Pump Ordering

## Brass Manifolds | 2.4 to 25 gpm (9.0 to 94.6 lpm)

Note: Pumps in *italics* indicates an optional performance rating. Technical data sheets are available for each pump model at [www.catpumps.com](http://www.catpumps.com).

Model	MAXIMUM FLOW		MAXIMUM PRESSURE		HP	KW	RPM	Drives
	gpm	lpm	psi	bar				
3CP1130.44101	2.4	9.0	2200	155	3.6	2.69	1725	Solid shaft, Belt, Bell, Clutch
3CP1140.44101	3.6	13.6	2200	155	5.4	4.03	1725	Solid shaft, Belt, Bell, Clutch
5CP2120W.44101	4	15.1	2500	175	6.9	5.15	950	Belt, Clutch
5CP2140CS.44101	4	15.1	2500	175	6.9	5.15	1725	Solid shaft, Belt, Bell, Clutch
3CP1120.44101	4.2	15.9	2200	155	6.3	4.70	1725	Solid shaft, Belt, Bell, Clutch
5CP6120.44101	6	22.7	1600	110	6.6	4.92	1400	Belt, Clutch
1050.44101	10	37.9	2200	155	15.1	11.26	958	Belt, Clutch
<i>1050.44101</i>	12	45.4	1800	125	14.8	11.04	1150	<i>Belt, Clutch</i>
1540E.44101	18	68.1	1200	85	14.8	11.04	1100	Belt, Clutch
2530.44101	25	94.6	1000	70	17.1	12.75	1025	Belt
<i>2530.44101</i>	21	79.5	1200	85	17.3	12.90	860	<i>Belt</i>

## 316 Stainless Steel Manifolds | 2.3 to 25 gpm (8.7 to 94.6 lpm)

3CP1231.44101	2.3	8.7	2000	140	3.2	2.39	1725	Solid shaft, Belt, Bell, Clutch
3CP1241.44101	3.6	13.6	2000	140	4.9	3.65	1725	Solid shaft, Belt, Bell, Clutch
5CP6241CS.44101	4	15.1	2000	140	5.5	4.10	1725	Solid shaft, Belt, Bell, Clutch
3CP1221.44101	4.2	15.9	2000	140	5.8	4.33	1725	Solid shaft, Belt, Bell, Clutch
5CP6221.44101	6	22.7	2000	140	8.2	6.11	1400	Belt, Clutch
1051.44101	10	37.9	2200	155	15.1	11.26	958	Belt, Clutch
<i>1051.44101</i>	12	45.4	1800	125	14.8	11.04	1150	<i>Belt, Clutch</i>
1541.44101	18	68.1	1200	85	14.8	11.04	1100	Belt, Clutch
2531.44101	25	94.6	1000	70	17.1	12.75	1025	Belt
<i>2531.44101</i>	21	79.5	1200	85	17.3	12.90	860	<i>Belt</i>

## Recommended Accessories

Pump seal and valve kit information can be found on the pump data sheet at [catpumps.com](http://catpumps.com).

Pump Model	Primary Pressure Control		Secondary Pressure Control		Pressure Gauge	Accumulator	LPS Monitor	Crankcase Oil Kit*	Seal Kit	Valve Kit **
	Regulator	Unloader	Relief Valve	Pop-Off Valve						
3CP (Brass)	7003	7672.0110	7672.1110	33961S	6073	6030	Not Available	76334	76097	33258
3CP (Stainless)	7003.100	7501.0110	7501.1110	9961S	6073	6030	Not Available	76334	76096	31216
5CP (Brass)	7013	7672.0110	7672.1110	33961S	6073	6030	Not Available	76334	76237	31821, 31263***
5CP (Stainless)	7012.100	7531.0110	7531.1110	9961S	6073	6030	Not Available	76334	76095	34362
1050	7023	7534.0110	7534.1110	Use Relief Valve	6073	6030	30664, 30664.120VAC	76334	76094	31256
1051	7023.100	7533.0110	7533.1110	Use Relief Valve	6073	6030	30664, 30664.120VAC	76334	76094	30987
1540E	7022	7534.0110	7534.1110	Use Relief Valve	6073	6013	30664, 30664.120VAC	76334	76093	76775
1541	7022.100	7531.0110	7531.1110	Use Relief Valve	6073	6013	30664, 30664.120VAC	76334	76093	76450
2530	7022	7590.0110	7590.1110	Use Relief Valve	6073	6013	30290, 30290.120VAC	76144	76087	31267
2531	7022.100	Contact Cat Pumps	890702	890713	6073	6013	30290, 30290.120VAC	76144	76087	31267

\* Includes oil drain and oil indicator except 76144 which is an oil indicator only.

\*\* Two valve kits should be ordered to service all valves in the pump except the 3CP1221.44101, 3CP1231.44101, 3CP1241.44101 and 5CP6221.44101, 5CP6241CS.44101, 5CP6251.44101 which require only one valve kit.

\*\*\* Valve kit 31821 fits models 5CP2120W.44101, 5CP2140CS.44101, 5CP2150W.44101 and valve kit 31263 fits model 5CP6120.44101.

## For Unmatched Reliability Choose Cat Pumps TEG Dehydration Pumps

### CAT PUMPS

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