

# TEG DEHYDRATION PUMPS



## TEG Pump Reliability You Expect From Cat Pumps

The formation of hydrates in gas pipelines has had a significant impact on 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.

### Features:

- Continuous-duty performance
- Field-proven performance from 2.3 to 36 gpm (8.7 to 136 lpm) at pressures from 100 to 2500 psi (6.9 to 172 bar) at temperatures up to 240°F (115°C)
- Brass or stainless manifold construction for compatibility
- Other model performances available upon request
- TEG-fitted pumps and accessories are readily available, with a typical lead time of 1 to 2 days.

### Drive Options

Easily configurable to any application.



**Clutch with Belt Drive**

Engages/disengages pump and drive device to meet flow demands



**Pulley with Belt Drive**

Pulley-driven allows flexibility for motor or engine driven options



**Bell Housing with Electric Motor**

Bell Housings available for NEMA and IEC electric motors

# Triethylene Glycol (TEG) Pump Ordering

## BRASS MANIFOLDS | 2.4–36 GPM (9.0–136 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		RPM	DRIVES		
	GPM	LPM	PSI	BAR		BELT	BELL	CLUTCH
3CP1130.44101	2.4	9.0	2200	152	1725	•	•	•
5CP3105CS.44101	2.5	9.5	3500	245	1750	•	•	•
3CP1140.44101	3.6	13.6	2200	152	1725	•	•	•
5CP2120W.44101	4.0	15.0	2500	172	950	•	•	•
5CP2140CS.44101	4.0	15.0	2500	172	1725	•	•	•
3CP1120.44101	4.2	15.9	2200	152	1725	•	•	•
5CP2150W.44101	5.0	19.0	2000	138	1725	•	•	•
5CP6120.44101	7.4	28.0	1500	103	1725	•	•	•
1050.44101	10.0	37.9	2200	152	958	•	•	•
<i>1050.44101</i>	<i>12.3</i>	<i>46.5</i>	<i>1800</i>	<i>124</i>	<i>1180</i>	•	•	•
1530.44101	15.6	59.0	1500	103	1450	•	•	•
1540E.44101	19.3	73.0	1200	83	1180	•	•	•
2510.44101	20.0	76.0	2000	138	1450	•	•	•
2530.44101	25.0	94.6	1200	83	1025	•	•	•
3535.44101	36.0	136	1200	83	800	•	•	•

$$HP = \frac{GPM \times PSI}{1460}$$

## 316 STAINLESS STEEL AND NICKEL ALUMINUM BRONZE MANIFOLDS | 2.3–36 GPM (8.7–136 LPM)

MODEL	MAXIMUM FLOW		MAXIMUM PRESSURE		RPM	DRIVES		
	GPM	LPM	PSI	BAR		BELT	BELL	CLUTCH
3CP1231.44101	2.3	8.7	2000	138	1725	•	•	•
3CP1241.44101	3.6	13.6	2000	138	1725	•	•	•
5CPQ6241.44101	4.0	15.0	2000	138	1725	•	•	•
3CP1221.44101	4.2	15.9	2000	138	1725	•	•	•
5CPQ6251.44101	5.0	19.0	2000	138	1725	•	•	•
5CPQ6221.44101	6.0	22.7	2000	138	1400	•	•	•
<i>5CPQ6221.44101</i>	<i>7.4</i>	<i>28.0</i>	<i>1500</i>	<i>103</i>	<i>1725</i>	•	•	•
1051.44101	10.0	37.9	2200	152	958	•	•	•
<i>1051.44101</i>	<i>12.3</i>	<i>46.5</i>	<i>1800</i>	<i>124</i>	<i>1180</i>	•	•	•
3517.44101*	14.0	53.0	3000	207	800	•	•	•
1531.44101	15.6	59.0	1500	103	1450	•	•	•
1541.44101	19.3	73.0	1200	83	1180	•	•	•
2531.44101	25.0	94.6	1200	70	1025	•	•	•
3521DHS.44101	25.5	94.6	2000	138	870	•	•	•
3531D.44101	36.0	136	1200	83	800	•	•	•

\* Nickel Aluminum Bronze Manifold

## Popular Accessories

Cat Pumps offers a wide range of high-quality accessories adhering to the same exacting standards as our industry-leading pumps. Every accessory is performance tested and designed to match pump specifications. By demanding genuine Cat Pumps products, you receive the best value and lowest cost of ownership over the life of the system.

See individual pump data sheet for recommended accessory part numbers.



Contact Cat Pumps for more information at [info@catpumps.com](mailto:info@catpumps.com) or call (763) 780-5440.



### CAT PUMPS

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