

# CIRCULATION PUMP

## Key Features

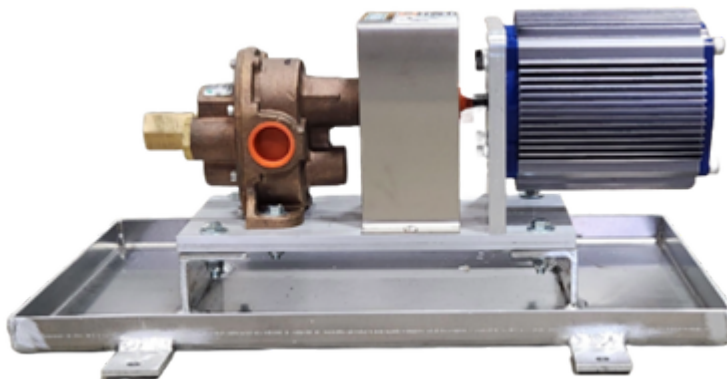
- Compact system for mobile installation and limited space
- Discharge pressure up to 60 psi
- Class 1 Div. 1 Groups C & D
- 100% Emissions free and Verifiable, Carbon Credit Complaint

## PRODUCT OVERVIEW

The TRIDO TC-Series Circulation Pump is a reliable, compact solution designed for demanding industrial applications. Engineered for glycol circulation in heat tracing systems, it also excels in natural gas dehydration and other fluid transfer processes. With the flexibility to operate on solar power in remote locations or grid power where available, the TC-Series delivers performance without compromise. Offering discharge pressures up to 60 psi, Class 1 Div. 1 Groups C & D certification, and a space-saving design ideal for mobile installations, this pump ensures safety, efficiency, and adaptability. Best of all, it is 100% emissions-free and verifiably carbon credit compliant—making it a sustainable choice for modern operations.

## PERFORMANCE DATA

Parameter	Value	Unit
Maximum Pressure	60	PSI
Max Power	210	Watts
Speed Range	150-300	RPM



## ELECTRICAL & CONTROL

Parameter	Value
Motor Type	PMAC 24V 3 Phase, C1D1
Voltage Range	14 to 32 VDC
Max Power Consumption	15 Amps
Controller Type	TSC-1000, VFD 24V
Communication Interface	SCADA, MODBUS

## ENVIRONMENTAL CONDITIONS

Parameter	Value	Unit
Operating Temperature	-40 to 40	°C
Storage Temperature	-40 to 40	°C

## MECHANICAL SPECIFICATIONS

Dimensions (H x W x L)	Weight
9.1" x 16.3" x 21.3"	38 lbs

### Installation & Accessories:

- Optional solar skid mounting available
- Other peripherals are available upon request

### Compliance & Certification:

- Class 1 Div 1 Groups C & D
- Emissions-free and Carbon Credit Compliant

Warranty Period: 2 years

