



Emulsion Tank, 400 Gal



Description

Four hundred gallon dome top, reversed flanged and dished insulated tank equipped with a sweeping agitator and a high-efficiency Sharpe mixer.

This process tank is ideal for establishing homogeneous emulsions.

Tank Dimensions

- Actual capacity of 466 gallons to top head seam
- 54-1/2" OD, 48-1/2" ID; approximate 122" overall height to the top of the agitator motor
- (4) 2-1/2" SCH 40 pipe legs with adjustable pad feet

Materials

- 316L stainless steel product contact
- 304 stainless steel remainder



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Technical specifications


TANK DESIGN:

- SWEEP AGITATOR: SIDE AND BOTTOM SWEEP BLADES ON A SCH 80 PIPE SHAFT DRIVE SHAFT WITH 3" TRI-CLAMP ENTRY SEAL
- SWEEP GEARMOTOR: NORD 2 HP, CLINCHER GEAR REDUCER, SINGLE SPEED, 26 RPM, 230/460 VOLT, 3ph, 60 Hz WITH STAINLESS STEEL BALDOR MOTOR
- SHARPE—MODEL FPG-075, WHITE EPOXY PAINTED F-SERIES MIXER, SINGLE SPEED, 350 RPM, 230/460 VOLT, 3ph, 60 Hz WITH (1) HYFLO 218 X 8" DIAMETER HYDROFOIL IMPELLER LOCATED AT BOTTOM OF 1" SOLID ROUND X 42" LONG SHAFT. SHAFT ENTERS TANK AS AN OFFSET DESIGN THROUGH A FLARED HOLE COVERED BY A RUBBER DUST SHIELD.
- INLETS:
 - ◆ (4) 1" TRI-CLAMP FERRULES (LEVEL, PRODUCT INLET & PT-100 PROBES)
 - ◆ (1) 1-1/2" TRI-CLAMP FERRULE IN TOP HEAD (AIR SPACE HEATER)
 - ◆ (1) 2" TRI-CLAMP FERRULE IN TOP HEAD (AIR SPACE THERMOMETER)
 - ◆ (7) 3" TRI-CLAMP FERRULES IN TOP HEAD WITH 2" REMOVABLE DOWN NO FOAM ASSEMBLIES
- OUTLET: 2-1/2" D10FL LEAK DETECTOR VALVE (APPROX. 15-3/4" OUTLET HEIGHT)
- MANWAY: 16" ROUND TOP ENTRY WITH OUTSIDE CLOSURE
- INTERIOR FINISH: #4 FINISH (180 GRIT) WITH WELDS GROUND SMOOTH AND FLUSH
- EXTERIOR FINISH: 2B MILL FINISH WITH WELDS GROUND SMOOTH AND FLUSH



CONTACTS

GD Process Design, LLC

 N76 W30500 County Road V v
Hartland, WI 53029



Ph: 262-361-4080

Fax: 262-966-0312

sales@gdprocessdesign.com

www.gdprocessdesign.com