

Technical Data Sheet

Model: MVP Liquid Recovery Pump

	US	Metric
Maximum pumping outlet pressure	70 PSI	0.48 MPa, 4.8 bar
Center section CO2 change range	5 to 80 PSI	0.03-0.55 MPa, 0.3-5.5 bar
Equipment Withstand Pressure	350 PSI	2.41 MPa, 24.1 bar
Maximum CO2 consumption	<0.2 scfh	<0.006 cubic meters/hour
CO2 inlet size	1/4 in. npt(f)	
Maximum pump speed	135 cpm	
Process Inlet and Outlet Size	1 in. npt	
Weight	173.2lb	78.6kg
Electric Motor: Explosion proof for C1D1 hazardous areas		

Model MVP Liquid, 3 ph, inverter rated

Power	2 HP	1.5kW
Speed	3600 rp, (60 Hz)	
Gear Ratio	25.85	
Voltage	3-phase 208-230/460V	
Maximum Amperage Load	5.2 A (230V / 2.6 A (460V)	

Model MVP Liquid 1PH

Power	2 HP	1.5 kW
Speed	3600 rpm (60 Hz)	
Gear Ratio	25.85	
Voltage	1-phase 115/208-230V	
Maximum Amperage Load	20 A (115V / 10 A (230V)	

Noise Data

Sound Power (measured per ISO-9614-2)	88.5 dBa
Sound Pressure [tested 3.28ft (1m) from equipment]	80.5 dBa

Materials

Process Pressure Section and Reed Valves	Stainless Steel
Diaphragms	Standard: FKM fluoroelastomer Optional: PTFE
Process Vapor Temperature Range	FKM: -40° to 275°F (-40° to 135°C) PTFE: +40° to 220°F (+4° to 104°C)

