

GOW-MAC[®]
INSTRUMENT CO.

Model 59-310 Pump

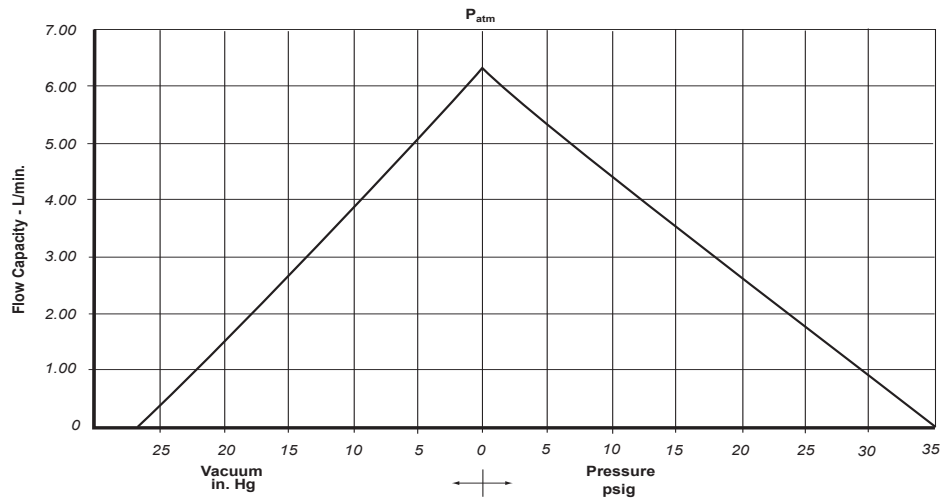
GOW-MAC Accessory Pumps

GOW-MAC 59-310 Series pumps are sold separately as accessories that complement our analyzers. When sample gases are below pressures required by the instruments' sample control devices, these pumps compress the gas without risk of contamination. The model 59-310 delivers up to 35 psig with a diaphragm pump powered by an external DC power supply. The model 59-300-3/59-302-3 delivers up to 100 psig using a 115/230 VAC swing piston pump. Both models are assembled in a steel instrument case measuring 6 x 10 inch footprint and 5 inches high, with rubber feet to dampen vibration on a bench-top. GOW-MAC 59-310 models are designed for high flow and adjustable bypass flow using a metering valve in the pump discharge.

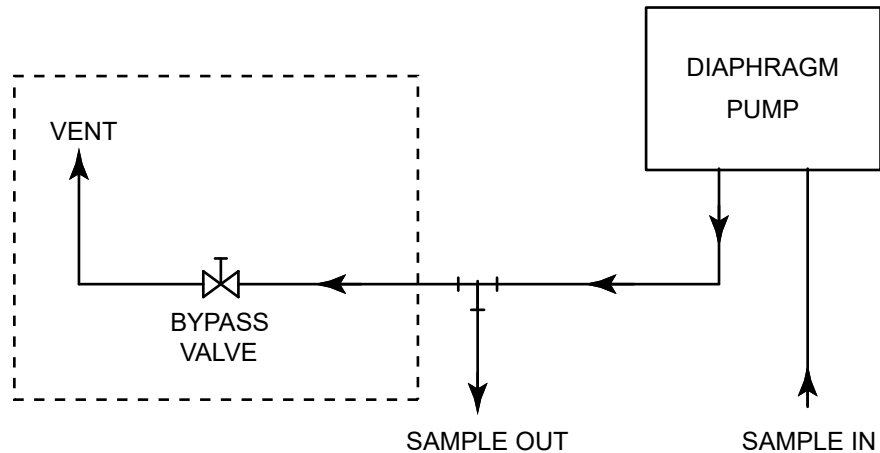
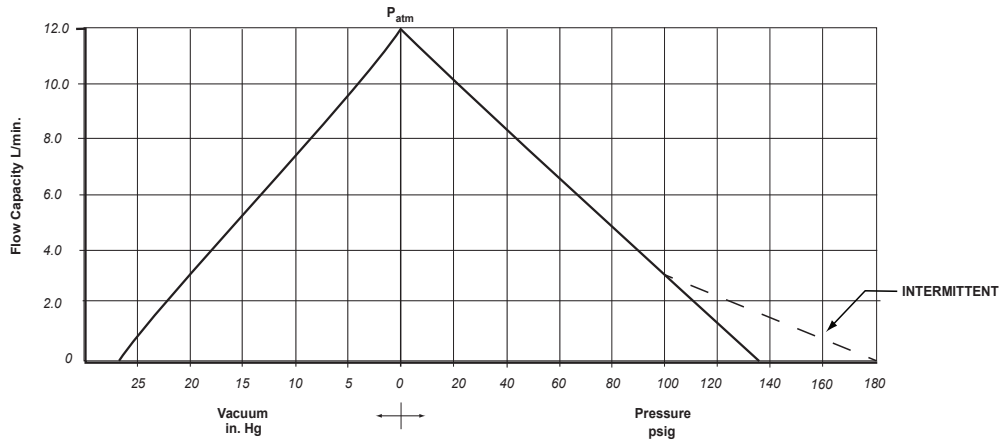


SPECIFICATIONS	MODEL	
	59-310	59-300-3
Maximum flow (lpm), Bypass valve closed	6.3	12
Maximum vacuum (in Hg), Bypass valve closed	26	25
Maximum continuous pressure (psig)	35	101
Bypass valve	yes	
Voltage (AC power)	100-240	115
Frequency (Hz)	50/60	60
Current (Amp)	0.9	0.8
Power (W)	19	100
Sample In Connection	1/8" compression, stainless steel	
Sample Out Connection	1/8" compression, stainless steel	
Bypass vent	1/4" tube	
Maximum ambient temperature (°C)	40 °C	
Maximum gas temperature (°C)	70 °C	40 °C
Internal tubing, fittings and valve	300 series stainless steel, brass	
Pump Head	PPS	N/A
Pump Diaphragm	PTFE coated	None
Pump Valve	FKM	N/A
Dimensions	6" x 10" x 5"	
Weight	6 lbs. (2.72 kg)	

Performance Characteristics
Model 59-310



Performance Characteristics
59-300-3



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SB-59-310
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