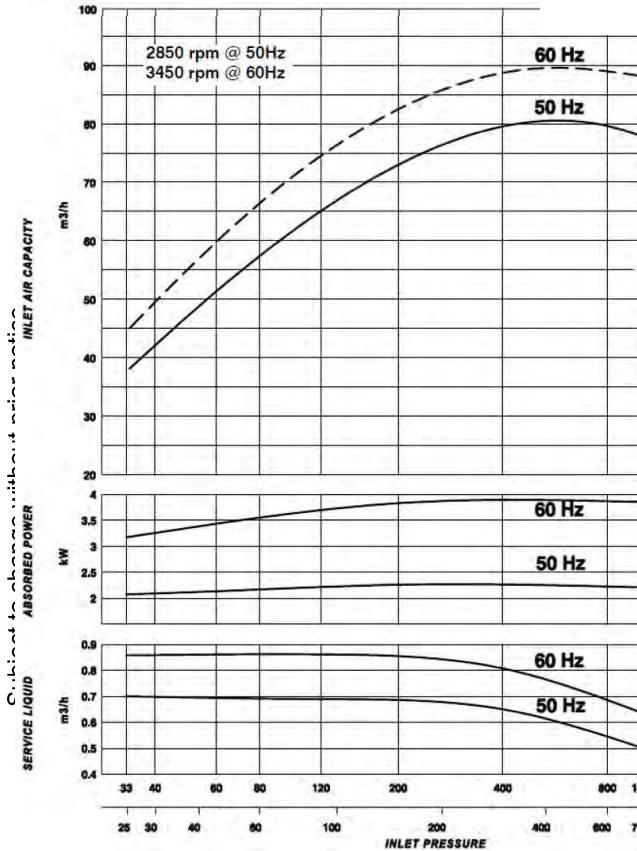


CONNECTIONS		
S	G 1 1/2"	Suction
D	G 1 1/2"	Discharge
Cs	G 1/4"	Service liquid
Cd	G 1/4"	Pump drain
Ca	G 1/8"	Anti-cavitation



The given data are referred to dry air at the temperature of 20°C, at the atmospheric discharge pressure (1013 mbar), and of supply of service water at 15°C temperature.

Performances tolerance  $\pm 10\%$ .

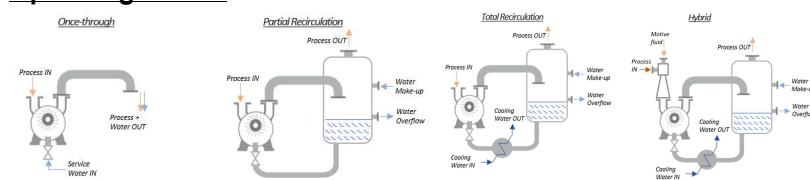
### PRODUCT INFORMATION:

FLA 51 is a simple, compact, and reliable liquid ring pump capable to handle almost any gas mixture, including vapors in vacuum or over pressure. The operating principle combined to its accurate design allow for severe duty with high tolerance of liquid carry over. The wide range of suction pressure (down to 33 mbar abs) makes the FLA series versatile and suitable for many industrial applications and more. The stainless steel port plate and impeller are designed and manufactured with accurate process to reach outstanding and steady performance. The low operating speed associated with the robust and simplified construction grant a long service life with minimal maintenance.

### APPLICATIONS:

Vacuum industrial processing, Sterilization, Extrusion, Degassing, Evaporation and Distillation, Priming, Vacuum sewage, Bottling, Depoutry, Fish Farming

### Operating Modes



FLA 96	
Voltage	277/480V
Part Number	8502006
Nominal Capacity	CFM 52.972
Total Final Pressure (Abs.)	Torr/inHg 24.75/.97
Motor Power	H.P. 5
Nominal r.p.m.	n/min 3450
Noise Level	dB(a) 72
Weight	Lbs. 95
Max Gas Temperature	248° F
Max Liquid Temperature	122° F

(\*) Please contact the Manufacturer if environmental conditions are different from those indicated.