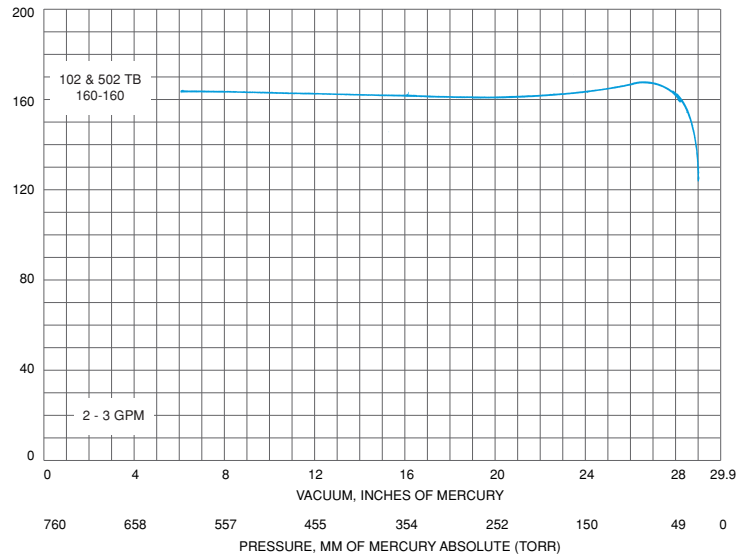
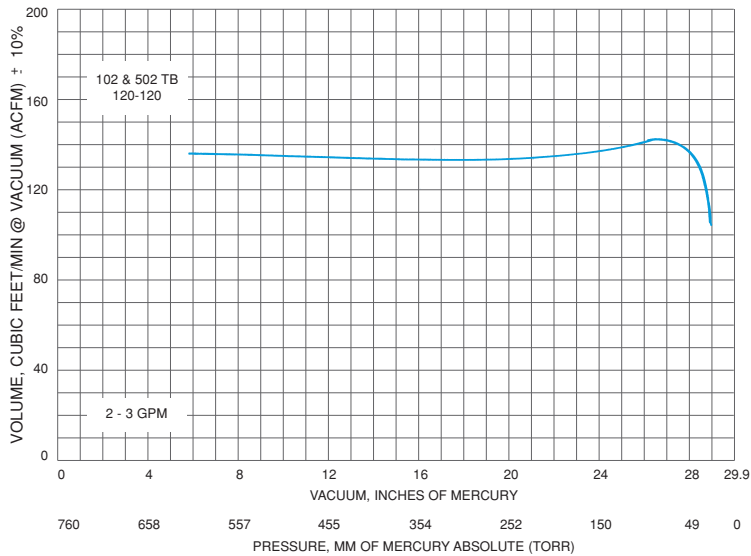
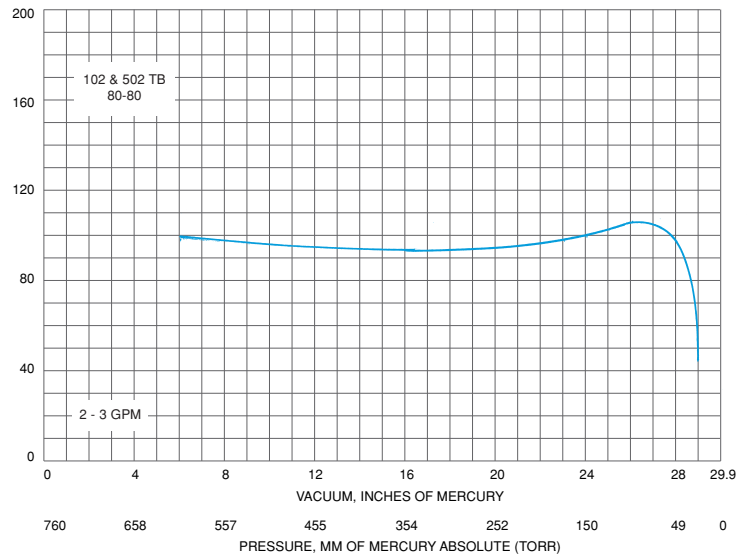
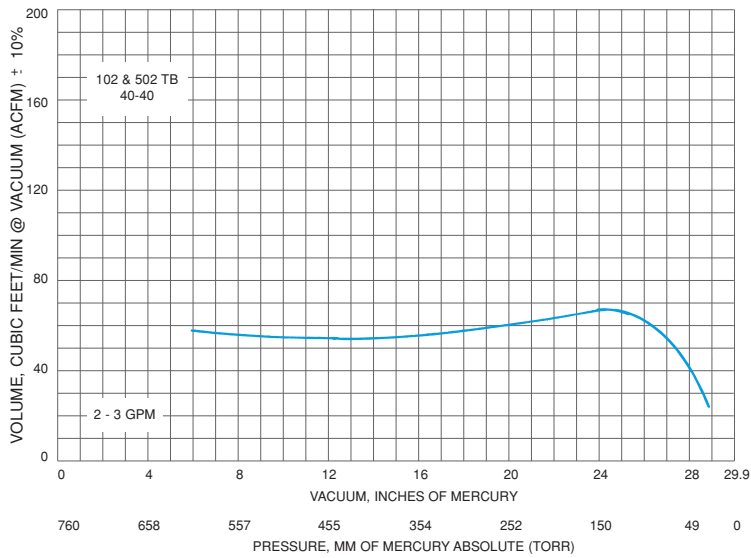


Performance of Two-Stage, Stainless Steel, Liquid Ring Vacuum Pump Packages



NOTE: All Performance Curves are based on 29.9" Hg. atmospheric pressure, dry entering air and 60°F water as the service liquid.

IMPORTANT FACTORS IN COMPARING LIQUID RING VACUUM PUMP PERFORMANCE:

To make a true comparison of performance, it is important to know whether catalogue data is based on "Dry Air" or "Saturated Air". Data based on "Saturated Air" can be about 10% higher than with "Dry Air", and for this reason many in the industry use this approach. Lyco Wausau data is based on "Dry Air", and when compared with these others, can be increased by about 11%.

Most others provide a derate factor for stainless steel construction since their catalogue data is based on standard, cast iron models. This derate factor, often 10%, is the result of their need for wider clearances to avoid galling. Lyco Wausau performance, based on Lyco Wausau standard models, do not need to be derated, and when compared with these others can be increased by about 11%.

When comparing Lyco Wausau performance with others that publish both "Saturated Air" data, and also require derating for stainless steel, the adjustment can be significant. These others must be derated a total of almost 20%, or Lyco Wausau performance increased by almost 25%.