



LYNN Engineered Systems

VACUUM PRIMING SYSTEM – SUPPLEMENTARY OPTIONS

PART 2 PRODUCTS

2.04 AUTOMATIC TANK DRAIN

Vacuum priming system is to be furnished with a drain feature to automatically drain off any water accumulation in the vacuum receiver. The automatic drain feature must fully isolate itself from the priming system during the draining process so as not to cause interruption in the priming process.

The auto drain assembly is to include an ASME rated and CRN registered drain receiver to collect water accumulation from the vacuum receiver. The drain receiver is to be furnished with the following mounted components, a two position level control switch, a 2-way normally open isolation solenoid, a 2-way normally closed drain solenoid, and a 3-way solenoid for controlling tank equalization and venting. Interconnecting piping between the automatic drain assembly and the vacuum priming system is to be provided for a complete assembly ready for installation.

2.05 CONTROL PANEL (addendum to specification for the control panel)

System control panel shall include components to control draining sequence between the high and low level set points without interruption of the priming process. A separate door mounted panel light shall be provided to indicate when the drain sequence is cycling.

2.07 CONSTRUCTION

Drain receiver construction is carbon steel. All component valves and gauges shall be provided in brass or bronze construction. All interconnecting pipe and fittings shall be T304/304L SS.

2.08 SHOP PAINTING

Receiver tank exterior is to be primed and finished with manufacturer's standard enamel coating. (Optional interior epoxy coating or galvanizing is also available.)