

Comparing Pax's Original Self-Priming Pax System to a Pax Pre-Pressurized System

Pax Original Self-Priming Systems; 2.5 Gallon System

The original style Pax units utilize the vacuum created by the systems distribution pumps to pull lubrication from the reservoir. This design requires each individual pump to be manually primed, which can require considerable time, and it also requires each suction line to be equipped with an accumulator, which can become a maintenance issue.



Accumulators, which are required for each suction line, can create maintenance issues

Individual Suction Lines for each distribution pump can create priming issues



Pax Pre-Pressurized Lubrication System; 2 Gallon System

The Pax Pre-Pressurized Lubrication System utilizes a single sump filter and diaphragm pump to supply pressurized fluid to the distribution pumps. This arrangement eliminates priming issues, eliminates the plastic accumulators, and eliminates the individual suction lines for each distribution pump, which are the three main reasons for downtime and maintenance on the original style Pax system.



Pax Model 2-2 with optional Timer and Mounting Bracket



One, 140 micron filter assembly is utilized for all distribution pumps



The diaphragm pump inside the filter assembly supplies pressurized fluid to the distribution pumps, which eliminates priming

Spray Nozzles for the Original and Pre-Pressurized Pax Systems

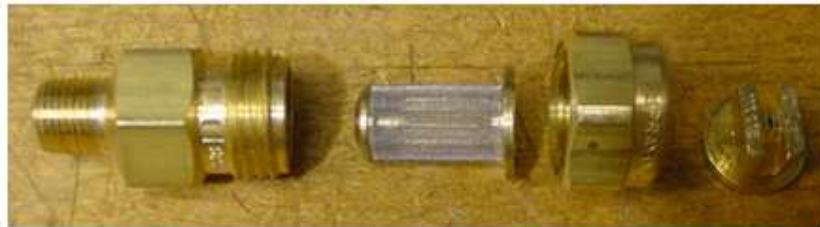
Nozzles for Pax original style systems and Pax V-series systems utilize a strainer assembly that houses a 3 to 5 psi check valve.

The Pax Pre-Pressurized units, which have pressurized fluid supplied to the distribution pumps, are designed to utilize a spray nozzle with a 60 PSI check valve. The Pre-Pressurized nozzles can be identified by the scribe mark on the nozzle hex (refer to below pictures). The 60 psi check valve utilized in the Pre-Pressurized nozzle will not fit into the original style nozzle.

An original style spray nozzle can be used on a Pax Pre-Pressurized unit but, if the air regulator on the Pre-Pressurized unit is set at more than 45 PSI, the original style nozzles may produce an undesired spray or stream of lubricant immediately prior to the desired spray.

If a Pre-Pressurized nozzle is utilized on an original style system, it will be very difficult to prime the system.

Pax Original & V-Series Nozzle with check-strainer Assembly



Check Valve/Strainer Part Number is 06-0925-20
Nozzle Part Numbers are listed on page 4 of Bulletin 301A

Pre-Pressurized Nozzle with 60psi check valve

Pre-Pressurized
Nozzle can be
identified by "scribe"
mark on its Hex



Check Valve Part Number is 06-3000-31
Nozzle Part Numbers are listed on page 9 of Bulletin 104A