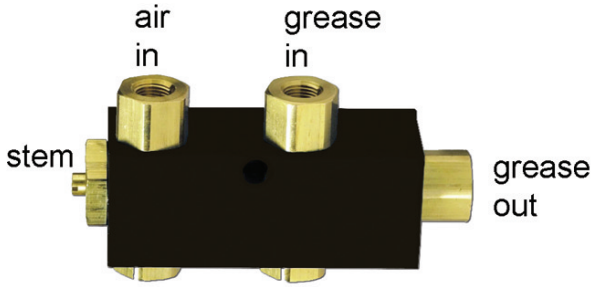
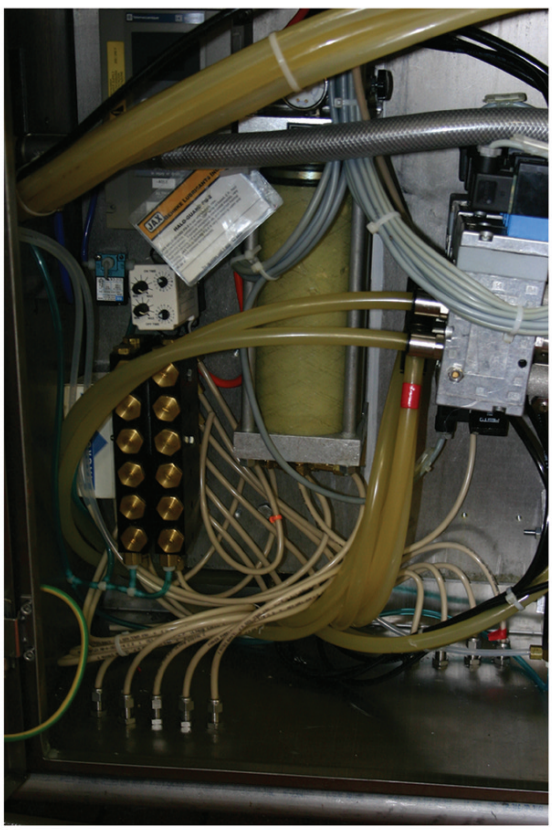
XACT
FLUID SOLUTIONS

Xact Fluid Solutions
W134 N5373 Campbell Drive
Menomonee Falls, WI 53051
www.xactfluid.com

The information provided on this sheet is designed as a quick reference for installation and operation of the referenced assembly. In the event that installation or operation requires more information from Xact, please contact Technical Sales at 262-781-6500 or e-mail solutions@xactfluid.com.

Xact pneumatic positive-displacement pumps were selected for this application Each pump is set to max volume (0.012 cubic inches) for priming purposes. Adjustment of each pump is done via the adjustment stem located on the pump body. Each clockwise turn of the adjustment stem will reduce output by 0.002 cubic inches (two drops). If the pump adjustments are turned 6-3/4 full turns, the pump will be shut off and no fluid will be delivered through the outlet. The pumps will draw 22" Hg vacuum and will pull fluid from the reservoir, yet to assist with grease migration, we supply a small amount of pressure to the reservoir to expedite transfer. This small amount of pressure ensures proper delivery without threat of grease separation.





The grease reservoir is designed with an internal purge follower plate. As the reservoir is filled, the plate will strike a purge valve in the top of the reservoir. The purge valve communicates air from the reservoir to the outside of the top plate. Continue to fill the reservoir until a small amount of grease comes through the purge valve. At this time the reservoir is full and purged of all entrained air. Purging of the air will ensure accurate shot volumes during machine cycling. This system is positive displacement and will continue to pump even when the reservoir is empty. Since the system does not discriminate on the pumped material, it will pump air until grease re-enters the system. This system is self priming and requires no additional setup.