Unloading manifold designed for PT7DSW Vane Pumps

**M001 Manifold**

**Precision-Engineered Fluid Power Products**

The Sensible Choice for Pumps & Motors

**Features**

M001 system provides operators the ability to collect and pack at any engine speed while the function speeds remain constant. This feature makes the Permco EVO-Lution M001 Refuse System ideal for refuse trucks that operate while moving from a location to next.

Significant reduction in cost of operation

Based on Permco’s EVO PT7DSW vane pumps, The M001 System offers a high level of flow at low RPM while the truck is at rest. When the driver starts to move the truck, the pump’s flow is automatically divided. While a constant flow is supplied to the truck’s hydraulic system, the excessive flow generated by higher engine rpm is redirected back to the pump’s inlet at a very low pressure drop, thus allowing:

- Production of high flow level from a relatively small reservoir
- Minimum heat generation due to over-sized internal passages within the manifold.
- The option to unload pump through an unloading solenoid.
- Safety Relief Valve.
- The aluminum unloading block Mounts directly on the split flange ports of the PT7DSW EVO pump.
- SAE ORB pressure ports

**Permco**

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**Designed and perfected for Refuse fleet applications**
Permco is a leading manufacturer of high-pressure hydraulic gear, vane and piston pumps and motors, flow dividers, intensifiers, and accessories. Available in a wide variety of sizes and configurations to suit your application needs.

Our Online Support is available 24/7/365 for your needs!
Email: support@permco.com
Call: (800) 626.2801