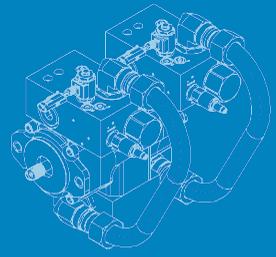


Designed for PT6CC Pump and used in Refuse vehicles

# M002 Unloading Block

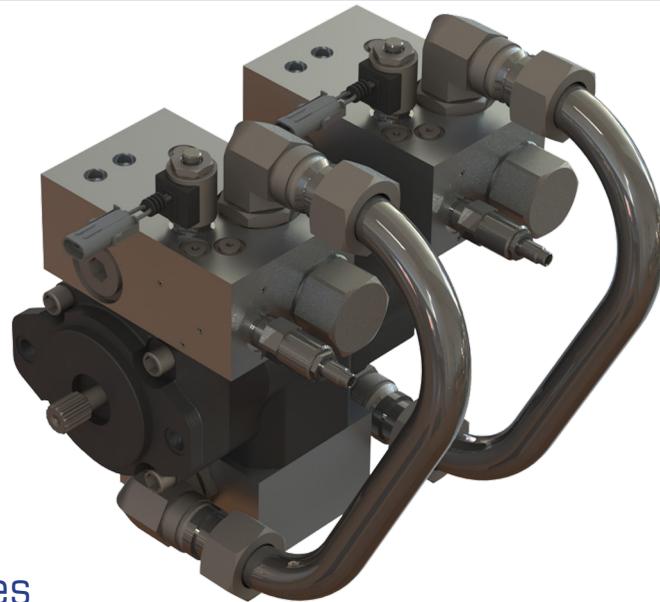


Precision-Engineered Fluid Power Products

The Sensible Choice for Pumps & Motors



Designed and perfected  
for Refuse fleet  
applications



## Features

M002 system allows the operator to collect and pack quietly at engine idle during early hours of the morning. This feature makes the M002 Refuse System ideal for residential neighborhoods and such; where the noise level is a big concern.

Based on Permco's EVO line of vane pumps, The M002 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 unloaded 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 electric RPM sensing, thus eliminating the pressure drop generating orifices inside the manifolds
- Significant reduction in fuel consumption due to the fact that all work is done at level's close to engine idle RPM



With Permco, it's personal

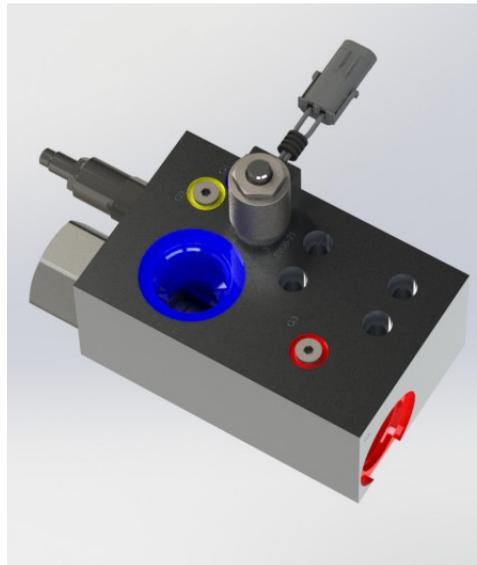


# M002 Unloading Block

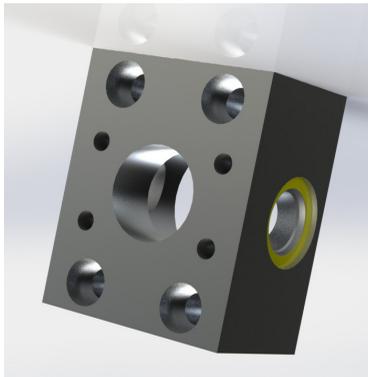
## Electric Unloading Block

Aluminum Unloading block with built-in relief valve and a solenoid operated pilot valve can be used on both single (one block) and double pumps (two block). Eliminating the need to stock for different blocks.

- Designed with internal passages large enough to handle full pump flow at minimum pressure drop
- Mounts directly on the pump's split flange output port
- SAE ORB pressure ports
- Connects to the inlet port of the package using steel tubing (also included in the package)



## Inlet Block



Aluminum inlet block with Port size reduction from 3" split flange to 2" split flange and two 1" SAE ORB port to accept the returned flow from the unloading blocks. It eliminates the need for a large inlet hose from the reservoir.

## Single Set Point Speed Switch



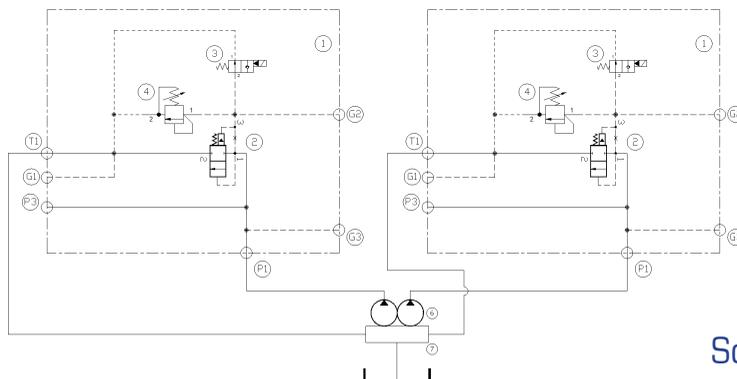
Available as 12 or 24 VDC, this switch is used to read the Engine RPM from the R terminal of the alternator. An adjustable potentiometer allows to set the engine RPM at which the unloading solenoids are cut off; thus, unloading the pump.

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!

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