

F0558 | BOTTOM LOADING DOUBLE MANIFOLD ASSEMBLY



APPLICATION

- * Designed for tankers where double pump systems are required



4" x 4" TTMA Double Manifold Valve

FEATURES

- * Lightweight robust extruded double manifold assembly.
- * Two to nine compartment variants available.
- * Guard bar assembly with guard bar brake interlock ensures safety and security.
- * Variable API valve centres giving full flexibility of mounting and optimising use of limited space available. Standard - 14".
- * Safety - Truck will not move with manifold open when combined with our Sequenced Air System.
- * Double acting internal air cylinder in manifold valve, combined with poppet spring, ensures positive opening and closing of cylinder.
- * Poppet on manifold valve is positively locked with air when the guard bar is open.
- * Self-centralizing & cleaning manifold valve poppet for improved sealing and extended life.

- * Stainless steel internal components in manifold valve.
- * Bottom mounted outlet for full drainage of manifold section.
- * Designed to accept our range of API valves.
- * Maximum product working pressure 75psi.
- * Designed to function at -40°C.

FEATURES AND BENEFITS

The complete manifold assembly offers the tank builder easier and quicker installation. The twin chamber assembly allows the vehicle to pump off multiple products without product contamination. This gives the operator a safe, clean and simple way of loading and unloading the vehicle. The air-operated manifold combined with a sequenced air system ensures no product crossover contamination.

TYPICAL UNIT WEIGHTS

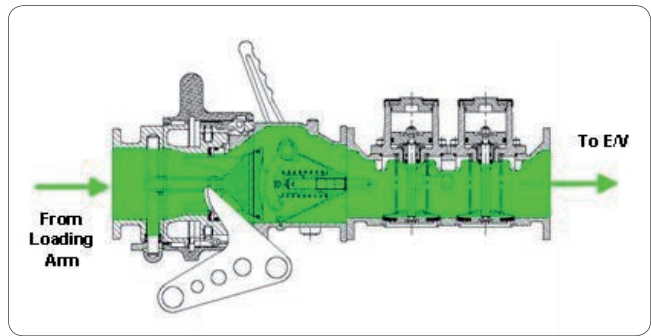
- 2 Compartments – 24.50 kg
- 3 Compartments – 36.75 kg
- 4 Compartments – 49.00 kg
- 5 Compartments – 61.25 kg

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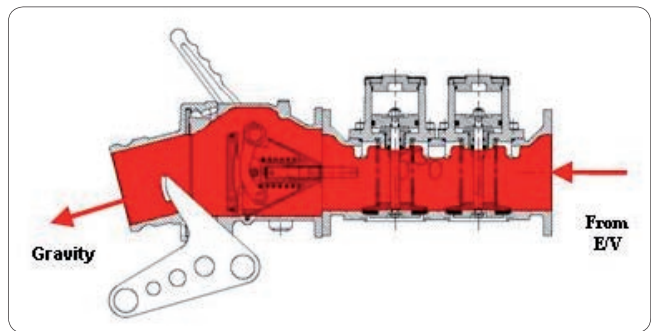
BOTTOM LOADING

When loading the Guard bar is released and lowered, this sequences air to the manifold valves and ensures that they are in the closed position. This design offers maximum flow rates.



BULK UNLOADING

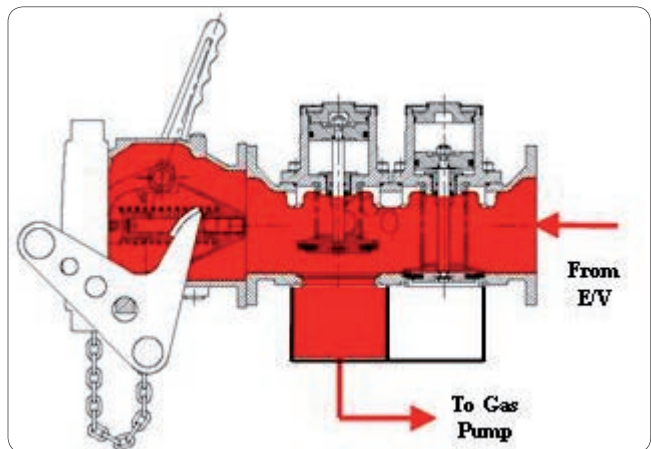
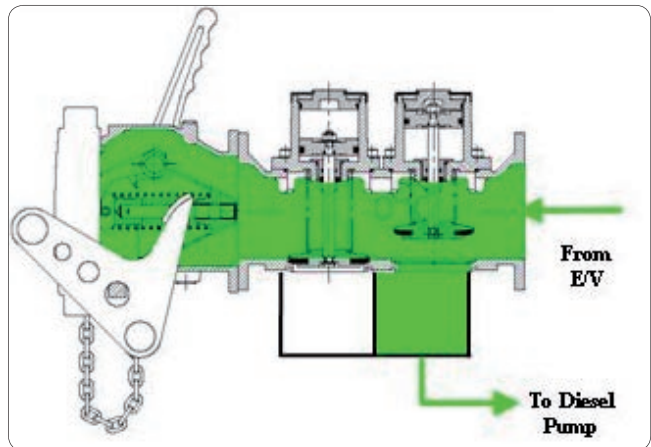
Versatile bulk unloading is made possible by leaving the manifold valves closed and allowing maximum product to flow straight through the manifold valve.



PUMP UNLOADING THROUGH MANIFOLD

Unloading is made possible through either pump system by opening the required manifold valve. This allows product to flow out of the manifold to the pump. Cross contamination is eliminated when using the sequenced air system that ensures only one valve can be opened.

When the guard bar assembly is locked and closed this ensures complete security as no product can flow through the API Adaptor.



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Design



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