



# Palletized Fixture Accessories

## Automatic Shutoff Valve Decouplers, One-Handed Operating Handle

### Automatic Shutoff Valve Decouplers for Single and Double Acting Systems

- Decouplers are a convenient, self-contained package that includes quick connect couplings, filters, pilot operated check valve, accumulator and an over pressure relief valve.
- Robust pilot operated check valve with a 1:5 pilot to check ratio for proven long term reliability.
- Internal 25 micron filters for added protection of the pilot operated check valve through ports A1, A2, A3, A4, and C1. Extra filtration at port B1. No filtration at B2, B3, and B4 ports. (Replacement filter kits Model No. 62-5600-05 or 62-5600-06 for a manifold mount configuration)
- External accumulator available in two operating pressure ranges.
- Single acting pallet circuits require 2 hoses to the Operating Handle for pressure release. For single hose systems see the Manual Shutoff Valve Decoupler, page K-9 and K-10.
- Optional return port B filtration page M-7.



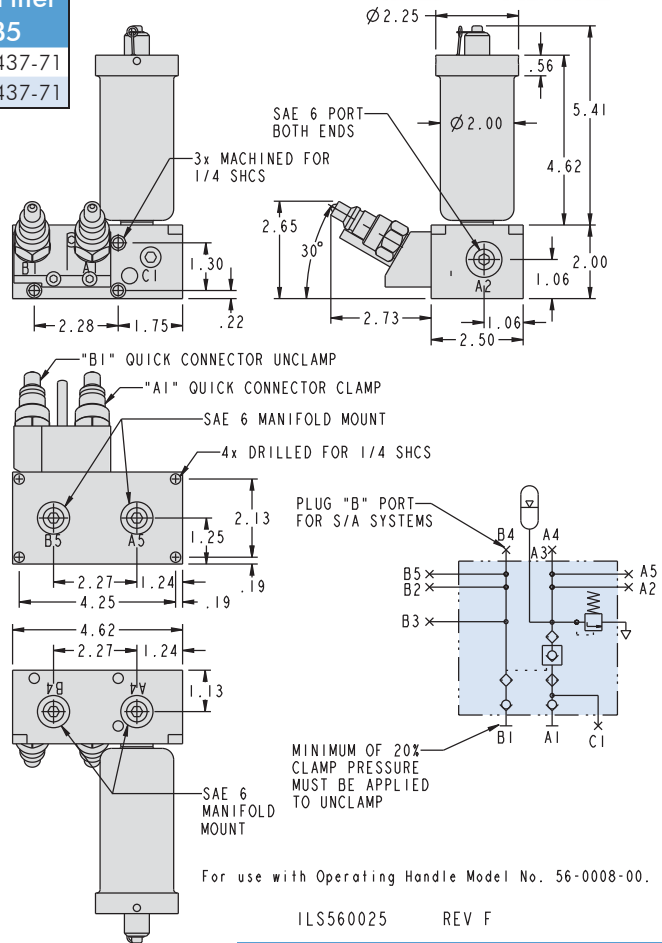
### Decouplers with Integral Accumulator

Model No.	Pressure Range (psi)	Accumulator Capacity	B Return Port Filter B4	B5
56-0005-25	1,000-3,500	3.6 cu. in.	70-0401-71	70-0437-71
56-0005-26	2,000-5,000	3.2 cu. in.	70-0401-71	70-0437-71

For use with Operating Handle Model No. 56-0008-00.

### Pumps for Automatic Shutoff Valve Decouplers

- A. Basic Automatic Shutoff Valve Decoupler Pump: Workholding pump with one 3-Position/4-Port, P-Blocked center directional control valve and 3-Position pendant switch providing "Clamp-Disconnect-Unclamp" control (all detented) of the palletized circuit. See page J-11 for standard features of all Workholding pumps.  
 115 VAC, 1 Phase Model No. 55-9242-09-1  
 230 VAC, 3 Phase Model No. 55-9272-09-1  
 460 VAC, 3 Phase Model No. 55-9292-09-1
- B. Workholding pump with an adjustable clamp and unclamp pressure regulator used with a 3-Position/4-Port P-Blocked center valve. The valve is pendant controlled. Pendant switch must be held in either clamp or unclamp condition to fully cycle devices. Devices will stop when the pendant is released.  
 115 VAC, 1 Phase Model No. 55-9242-65-1  
 230 VAC, 3 Phase Model No. 55-9272-65-1  
 460 VAC, 3 Phase Model No. 55-9292-65-1
- C. Other Automatic Shutoff Valve Decoupler Pumps: Vekttek offers a matrix of pumps with a wide range of electric and hydraulic control features for use with the Automatic Decouplers. Contact Vekttek with your specific needs for technical support on other suitable pump configurations.



For use with Operating Handle Model No. 56-0008-00.

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For proper sealing, mating surface must be flat within 0.003 in. with a maximum 63  $\mu$  in.  $R_a$  surface finish.

**NOTE:** These automatic Shutoff Valve Decouplers and Operating Handle must be used with a suitable pump (see chart above) which includes a 3-Position/4-Port, P-Blocked center ("A" & "B" connected to "Tank") directional control valve for operation of single or double acting systems. One Automatic Shutoff Valve Decoupler can be used to operate only one double acting or one single acting circuit. For operation of a single acting circuit, plug the Decoupler port "B" (as shown in the schematic).

**NOTES:** Field repair requires a special Check Valve Installation Tool. Please order Model No. 65-6000-00

Optional Custom-molded 0.190" riser is available. Please order Model No. 45-6005-11 separately.