Highlights

- Fusible link closes poppet in the event of a fire (165.0 °F and 73.9 °C).
- Single and double poppet.
- Main poppet seals in valve body, preventing accidents when replacing adapters.
- E-coated body for corrosion protection.
- Meets NFPA 30A requirements.
- UL 842A and UL 842B approved for E-85 alcohol/gas blends and biodiesel.

Approvals

- UL and ULC listed.
- ATEX approved, SIRA 13ATEX9035U.

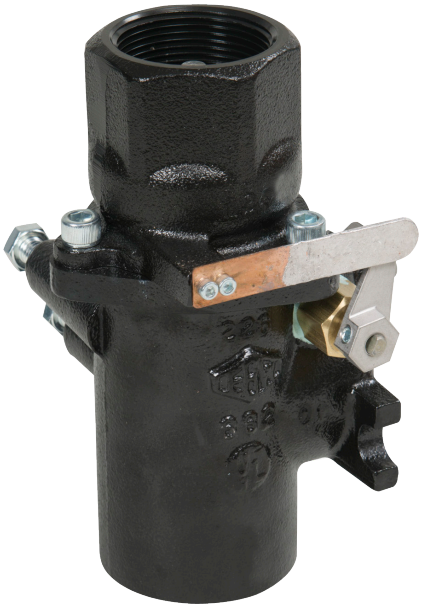
NFPA Warning

Annually test auto shut-off. Electrical supply to the submersible pump must always be disconnected before servicing meters, dispensers or emergency shear valves. Do not apply more than 50 psi to valve with poppet in its closed position. Valve seat and disc damage may occur.

SERVICE STATION HARDWARE

662 Series Emergency Shear Valves

EBW™ brand 662 Series emergency shear valves immediately stop product flow in the event of fire or collision at the dispenser. A patented adapter shears upon impact, causing the poppet to seal on the valve body preventing fuel spillage. When fire occurs, a fusible link releases the fulcrum arm, engaging the poppet. Standard 1-1/2" openings allow minimal flow restriction and a pre-drilled test plug is included for line pressure testing. The valve can be boss or U-bolt mounted. Easy-to-replace adapters slide on and off valve base without lifting the dispenser. Adapters are available in male, female or union connections. Single poppet models stop product flow from the pump. Double poppet models stop flow from the pump and dispenser piping.



Ordering Information

Model	Description
662500901	Single poppet, union, 1½" NPT, E-coat AGB
662500902	Single poppet, female, 1½" NPT, E-coat AGB
662500903	Single poppet, male, 1½" NPT, E-coat AGB
662510902	Single poppet, female, 1½" BSPT, E-coat AGB
662510903	Single poppet, male, 1½" BSPT, E-coat AGB
662501901	Double poppet, union, 1½" NPT, E-coat AGB
662501902	Double poppet, female, 1½" NPT, E-coat AGB
662501903	Double poppet, male, 1½" NPT, E-coat AGB
662511902	Double poppet, female, 1½" BSPT, E-coat AGB
662511903	Double poppet, male, 1½" BSPT, E-coat AGB
662502902*	Double poppet, normally closed, female, 1½" NPT, E-coat AGB

*UL listed only.

Specifications

- Top and body material: E-coat cast iron
- Poppet and O-ring: Fluorocarbon
- Stem and poppet spring: Stainless steel
- The closing feature of an automatic shear valve must be checked at least once per year by manually tripping and holding linkage.

662 Series Emergency Shear Valve Accessories

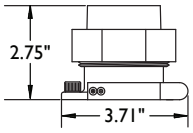
Holds the single or double poppet shut-off valve rigidly in place, ensuring proper shearing.

U-Bolt Kit Ordering Information

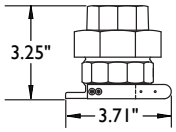
Model	Description
662-138-01	U-bolt kit, 0.3 lbs (0.14 kg)

Fulcrum Arm Ordering Information

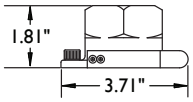
Model	Description
662-185-01	Fulcrum arm with Hex, 0.1 lbs (0.05 kg)
662-250-01	Fusible link assembly, 0.1 lbs (0.05 kg)



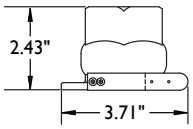
662-118-01



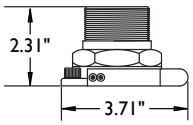
662-241-01



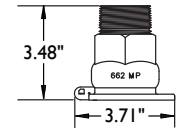
662-118-02



662-242-01



662-118-03



662-240-01

1 ½" Union Replacement Adapter Ordering Information

Model	Description	Poppet	Shear Valve Adapter Used	Thread
662-500-201	Shear Valve Top Union 1.5"	Single	662-500-901	Union
662-501-201	Shear Valve Top Union 1.5"	Double	662-501-901	Union

1 ½" Female Replacement Adapter Ordering Information

Model	Description	Poppet	Shear Valve Adapter Used	Thread
662-500-202	Shear Valve Top Female 1.5" NPT	Single	662-500-902	NPT
662-501-202	Shear Valve Top Female 1.5" NPT	Double	662-501-902	NPT
662-502-202	Shear Valve Top Female N/C 1.5" NPT	Double	662-502-902	NPT
662-510-202	Shear Valve Top Female 1.5" BSPT	Single	662-510-902	BSPT
662-511-202	Shear Valve Top Female 1.5" BSPT	Double	662-511-902	BSPT

1 ½" Male Replacement Adapter Ordering Information

Model	Description	Poppet	Shear Valve Adapter Used	Thread
662-500-203	Shear Valve Top Male 1.5" NPT	Single	662-500-903	NPT
662-501-203	Shear Valve Top Male 1.5" NPT	Double	662-501-903	NPT
662-510-203	Shear Valve Top Male 1.5" BSPT	Single	662-510-903	BSPT
662-511-203	Shear Valve Top Female 1.5" BSPT	Double	662-511-903	BSPT

Note: Replacing tops negates the ATEX approval. Entire unit must be replaced to remain in compliance with ATEX approval.

Franklin Fueling Systems
franklinfueling.com
3760 Marsh Rd. • Madison, WI 53718, USA
Tel: +1 608 838 8786 • Fax: +1 608 838 6433
Tel: USA & Canada +1 800 225 9787 • Tel: UK +44 (0)1473 243300
Tel: Mex 001 800 738 7610 • Tel: FR +33 (0)1 69 21 41 41 • Tel: CH +86 10 8565 4566