



CESCO Magnetics
 93 Utility Court
 Rohnert Park
 California 94928 USA



Phone: 707-585-2402
 Fax: 707-585-3886
 Toll Free: 877-624.8727
 cescomagnetics.com

S E R V I N G T H E F O O D I N D U S T R Y S I N C E 1 9 4 6



• QLK •
Sanitary Float Valve

DESCRIPTION:

A rugged, sanitary float valve which combines quick disassembly/assembly with easy cleaning. Sanitary finish both inside and out allows the valve to be fully submerged. The balanced plug with O-ring seals provides positive sealing. It can withstand inlet pressures up to 60 psi. It handles 100 gallons per minute at 60 psi.

FEATURES:

- Easy Installation
- Rugged Construction
- Easy Cleaning and Assembly
- Smooth Open/Closing Action
- Full Flow Design
- 316 Stainless Construction

USE:

1. Level Control and Overflow Prevention where very narrow variation in liquid levels are tolerated
2. Throttle Flow Rates
3. Reduce Pressure
4. Moderate flow when discharge rate varies
5. Supply low pressure, even flow rate, (foam prevention)
6. General level control whenever simple maintenance, economy, avoidance of complicated devices or electrical connections are important factors

CESCO builds **QUALITY** equipment made to your satisfaction

CESCO for all your magnetic separator needs.

QLK Sanitary Float Valve



QLK FLOAT VALVE INSTALLATION INSTRUCTIONS:

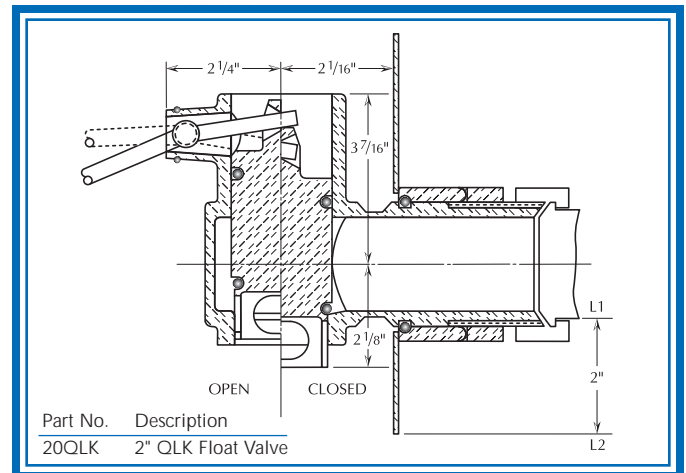
1. Determine the desired liquid level.
2. The valve height should be located so that the maximum liquid level is between (L1) and (L2), see sketch.
3. Mark wall of tank and cut hole accordingly. Weld tank sleeve (8) to the outside of the tank wall. Remove burrs.
4. Insert valve body (3) with tank seal O-ring (7) in place.
5. Secure body to tank with lock nut (9).
6. Insert float ball pivot (1) into valve body, locking with O-ring (2).
7. Make sure that incoming feed line is properly supported and does not expose valve and tank wall to strain.
8. Connect inlet line to valve.
9. To minimize foaming, connect 2 1/2" Tygon tubing (customer provided) to the valve outlet, directing liquid to bottom of tank.
10. Test valve in place to find liquid level necessary to open and close valve under normal operating conditions.
11. Make final liquid level adjustments by bending float rod.
12. Suggested O-ring supply for one year: 6 pieces of Item (2) and (7) and 12 pieces of Items (4) and (6) (see chart).

AVAILABLE OPTIONS:

1. Teflon coated O-rings (Items 4 & 6) where application requires more lubricity
2. Viton O-rings (Items 4 & 6) where application requires higher temperatures
3. Float assembly in type 316SS
4. Customer specified float arm length - between 6" & 18" - 12" is standard

NOTES:

1. Due to varying conditions in each system, Q-Control Valves should be installed and tested in-place before being relied upon for operation.
2. Information provided is general and may not apply to conditions of the individual installation.
3. The manufacturer's warranty relates to workmanship, sanitary requirements, and action as tested when shipped. Any liability cannot exceed the price of the valve.



ITEM	Part No.	Description	Material
1*	QLK20FL	Float, 12" Arm + 6" Dia. Ball - Standard	304SS
2	OR210B	O-ring	Buna-N
3	QLK20BD	Body	316SS
4**	OR326B	O-ring	Buna-N
	OR326TC	O-ring, Plug Teflon Coated	Buna-N
	OR326V	O-ring	Viton
5	QLK20PL	Plug	316SS
6**	OR325B	O-ring	Buna-N
	OR325TC	O-ring, Teflon Coated	Buna-N
	OR325V	O-ring	Viton
7	OR331B	O-ring	Buna-N
8	QLK20SL	Tank Weld Sleeve	316SS
9	QLK20LN	Lock Nut	304SS

*See Available Options - Note 4 - **See Available Options - Notes 1 & 2



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