

LC70 Level Control

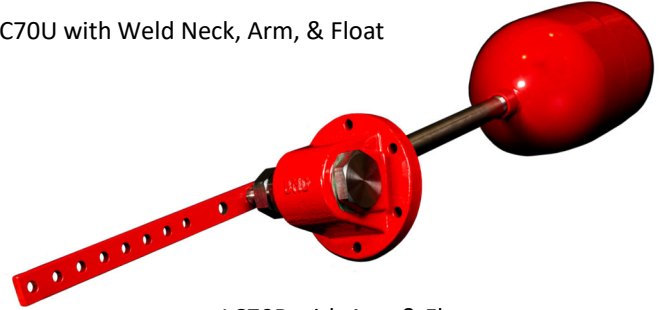
The LC70 is a float operated liquid level control device sometimes referred to as a “trunnion” or a “float nose”. The LC70 utilizes a large float, linkage rod and levers to mechanically operate a dump valve via rotational connections.

The LC70 is available in 2 different body styles: Union and Bolted. The levers can easily be changed from the left to right to match the dump valve mount. Multiple parts and accessories are available to fit a wide variety of configurations.

When used with a CV45 mechanical valve, the LC70 can provide a level control/dump system that is completely emissions free!



LC70U with Weld Neck, Arm, & Float



LC70B with Arm & Float

Specifications

Sizes: 8” and 5” Union Connections, 5” Bolted Connection

Pressure Rating: 500 psi

Temperature Range: -20° F to 400° F (-29° C to 204° C)

Materials:

Body: A216 Gr WCC Steel

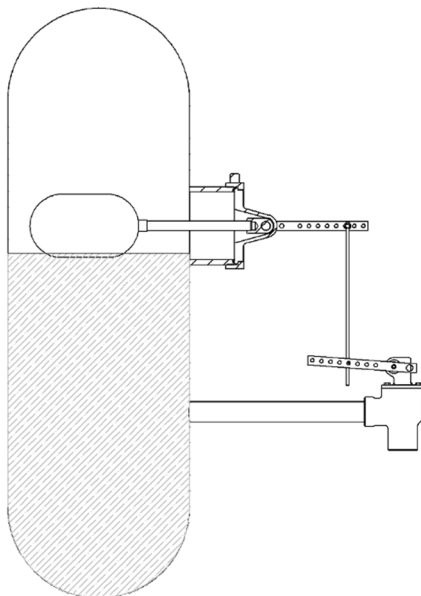
Float: Powder Coated Steel

Float Arm: 3/4” SST

Shaft: 304 SST

Bushings: 304 SST

Seals: Viton



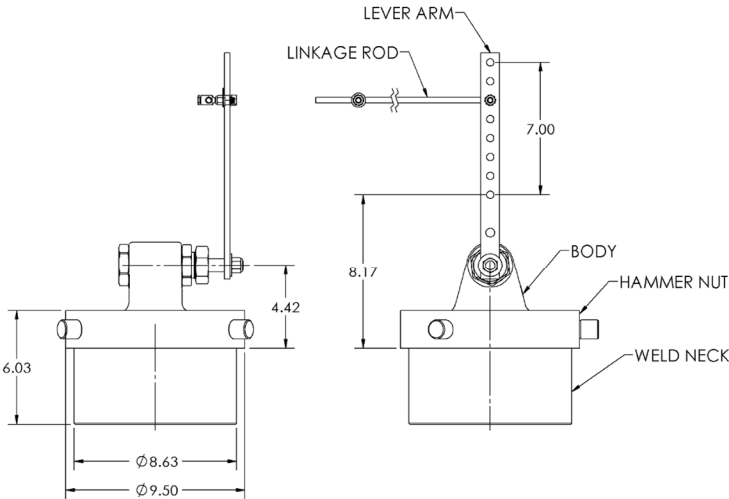
Typical installation of LC70 and CV45 mechanical valve.

Parts & Accessories (Sold Separately)

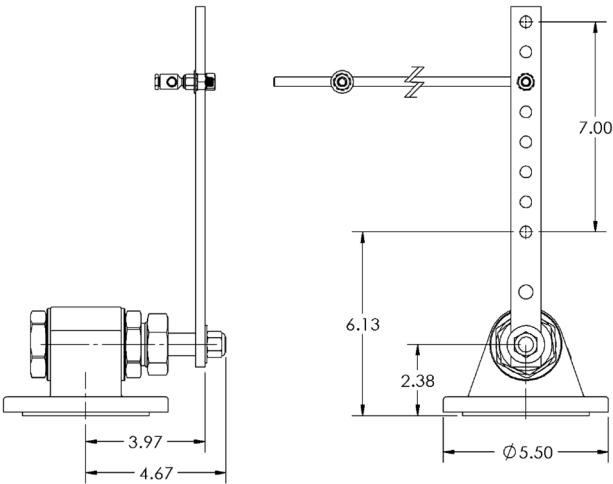
Category	P/N	Description
Float Arms	57-05-0585	Arm Float 12 Inch LC70 SST
	57-05-0586	Arm Float 24 Inch LC70 SST
Weights	57-05-0580	Weight 1LB LC70
	57-05-0581	Weight 2LB LC70
	57-05-0582	Weight 5LB LC70
	57-05-0583	Weight 10LB LC70
	57-05-0584	Collar Weight LC70
Floats	57-05-0502	7” x 12” CS w/ Powder Coat

Dimensions

Union Connection



Bolted Connection



Dimensions in inches.

How to Order

Example Model No. **LC70U-8-51218**
LC70 Series Liquid Level Controller, 8" Union Connection, Standard Service, 5" Weld Neck, 12" Lever, 18" Linkage Rod

Base Model			
LC70U - Union		LC70B - Bolted	
Size			
1 - Bolted	5 - 5" Union	8 - 8" Union	
Weld Neck Options			
0 - None	1 - Hammer Nut Only	5 - 5" Length	6 - 6" Length 8 - 8" Length
Lever Length			
12 - 12" (Standard)	18 - 18"	24 - 24"	36 - 36"
Linkage Rod			
18 - 18" (Standard)			

LC70U - 8 - 5 12 18

Float & Arm Sold Separately
No Weld Neck Option for Bolted LC70

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