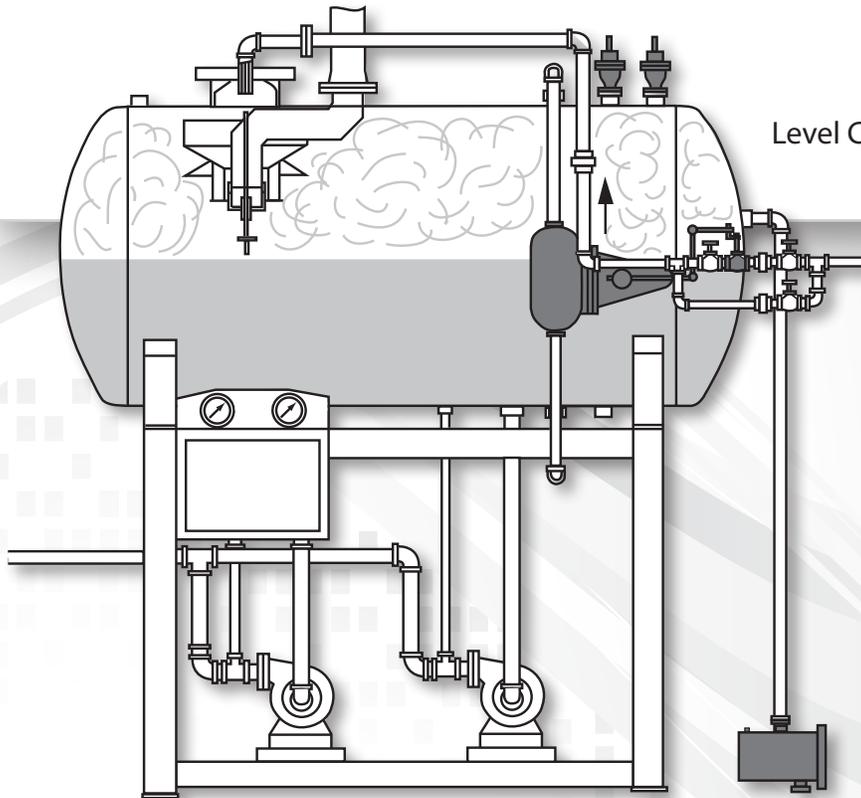
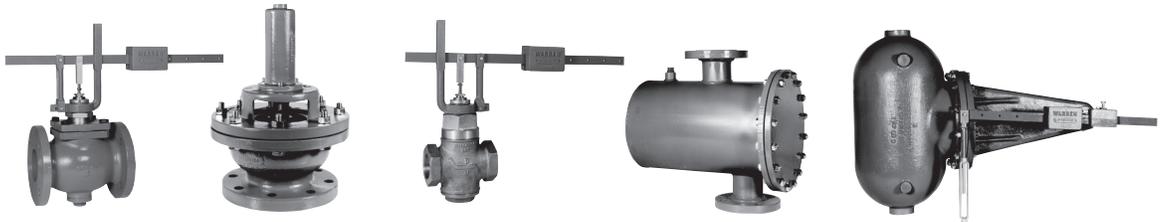


Level Controls

& ACCESSORIES



Level Controls_PS_RevG_0814

LEVEL CONTROLS PRODUCT SPEC

WARREN CONTROLS

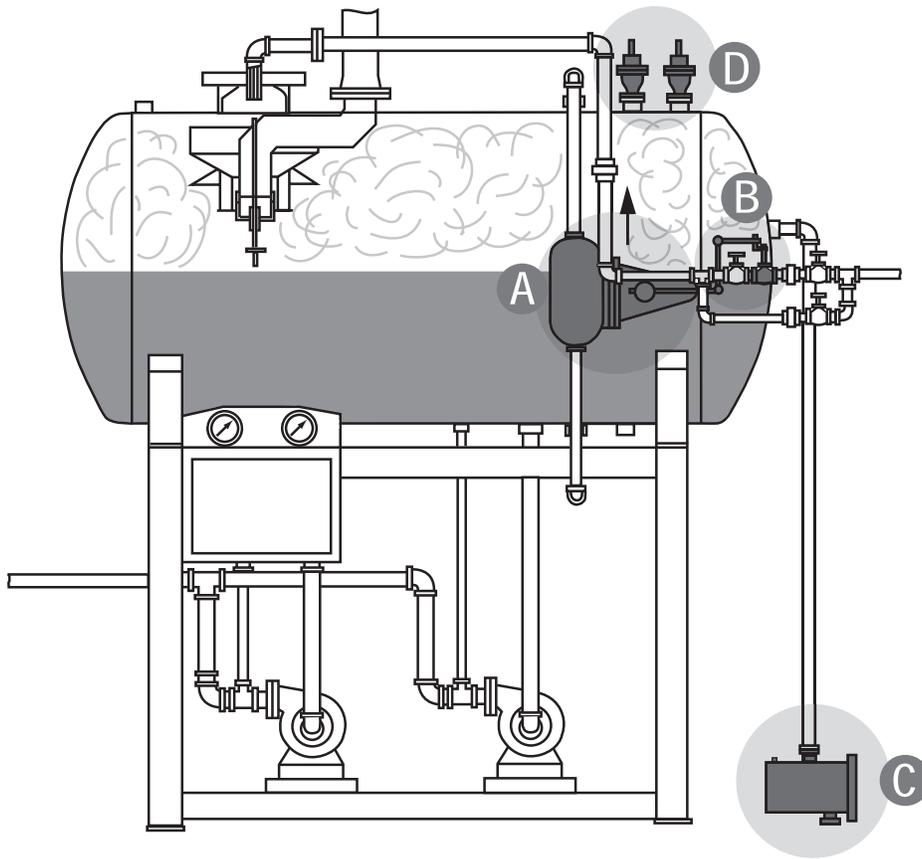
2600 EMRICK BLVD • BETHLEHEM, PA 18020 • USA • 800-922-0085 • WWW.WARRENCONTROLS.COM
DEPENDABLE, RUGGED, PRECISION CONTROL VALVES AND ACCESSORIES

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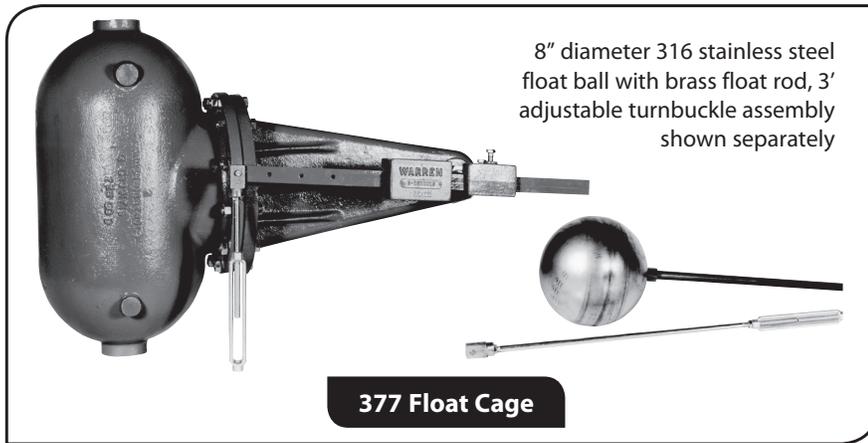
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WARREN CONTROLS

LEVEL CONTROLS AT WORK...



The following is a typical example of a tank filling/deaerator application using properly sized, selected, and maintained Warren Controls Level Controls. Demand for water reduces the liquid level in the tank. The [A] **377 Float Cage** opens the [B] **322L or 326L Lever Valve** to supply intake water to the tank. When the water reaches the desired level the float cage closes the lever valve to accurately maintain the liquid at the desired level. Deaerators, tanks with steam blankets, produce additional liquid as the steam condenses. The [C] **313 Overflow Trap** traps and relieves this condensate through its internal pilot without the steam blanket escaping. Overflow can occur if the water entering the tank exceeds its capacity. The 313 Overflow Trap relieves the overflow through its internal single seated main stage valve. Falling liquid levels and condensing steam can cause a vacuum that can damage the tank. The [D] **200 Vacuum Breaker** opens to admit outside air to relieve the vacuum in the tank. Warren Controls Level Controls are also used on boiler make-up water tanks and many other storage tank applications.



ORDERING INFORMATION:

377	PART NUMBER
Standard 377	0377XXXXX000
377 with sight glass tapplings	0377XXXXX002
377 with sight glass assembly	0377XXXXX003
Extra Turnbuckle Sections	
2 Ft Section	B3100033
3 Ft Section	B3100034

APPLICATION:

The 377 Float Cage opens a 322L or 326L Lever Valve to supply intake water to a tank. When the water reaches the desired level the Float Cage closes the Lever Valve to accurately maintain the liquid at the desired level. Buoyancy of its internal float ball provides the force to actuate the lever valve.

FEATURES:

Cast iron body, 1-1/2" NPT connections, 316 stainless steel float ball, epr o-ring, steel lever and turnbuckle assembly.

- Lever and turnbuckle assembly are adjustable to ease installation and connection to lever valve.
- Standard turnbuckle is adjustable from 30 to 36 inches in length.
- Extra turnbuckle sections are available for a combined length up to 10 feet.
- Mounting bosses present on body can be provided with 1/2" NPT pipe tapplings for optional sight glass assembly.
- Optional sight glass assembly is available complete with brass ball check, shut-off valves, and drain valves.

PRESSURE — TEMPERATURE RATINGS:

Body 125lb rated cast iron
(175PSIG ... To 100F)

APPROXIMATE SHIPPING WEIGHT:

190 lb

