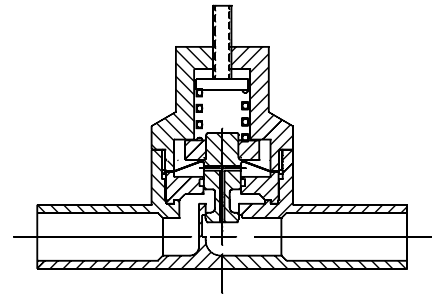


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# LFS Series

## Ultra Pure Pressure Regulator

<b>Material:</b>	PVC, PP, PVDF
<b>Size:</b>	1/2" & 3/4"
<b>Pressure Rating:</b>	230 psi 1/2" - 2"; 150 psi 2 1/2" - 4"
<b>Diaphragm:</b>	Virgin Teflon
<b>Seals:</b>	EPDM, VITON, KALREZ
<b>Connections:</b>	Flare Ends Butt Fusion FNPT



**ISO 9002 CERTIFIED**

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## Engineering Guide Specification

### Materials of Construction:

<b>PVC:</b>	Class 12454B per ASTM D1784
<b>PP:</b>	Class PP 110B76383 per ASTM D4101
<b>PVDF:</b>	Type 1 per ASTM D3222

**Guide Specification:** The SIMTECH LFS (Ultra Pure Diaphragm Pressure Regulator) features a compact molded thermoplastic valve especially designed to be used in critical high purity fluid regulating applications. Adjustable screw (type 1) makes it easy to convert varying upstream pressure into accurate pre-set downstream pressure. Type 2 (1:1 ratio) uses air pressure to operate the regulating process; downstream pressure will be equal to applied air pressure. No metal or elastomer contact with the fluid. All TEFLON in wetted area. Self-draining to prevent contamination and bacteria growth. Direct acting full flow and top entry for easy maintenance and minimum water hammer, as manufactured by SIMTECH.

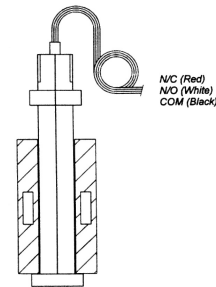
*For Complete Engineering & Dimensional Data Please Visit [www.simtech.com](http://www.simtech.com)*

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# UPA Series

## Float Switch

<b>Material:</b>	PVC, CPVC
<b>Electric Switch:</b>	1 Amp 115VAC UL Approved



**ISO 9002 CERTIFIED**

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## Engineering Guide Specification

### Materials of Construction:

<b>PVC:</b>	Class 12454B per ASTM D1784
<b>CPVC:</b>	Class 23447B per ASTM D1784
<b>Seals:</b>	EPDM, VITON, KALREZ

**Guide Specification:** The SIMTECH RLF series liquid level float switch is a compact device ideal for maintaining liquid levels in tanks by activating relays or solenoids which can open or close a valve, sound high or low level alarms, turn heaters and pumps on or off or to light panel mounted indicator lights. It can also be mounted near the bottom of a drum to signal when it is nearly empty. The CPVC stem houses a 1amp 115 VAC reed switch and the polypropylene float is suitable for temperatures to 180 degrees F. 12" extensions with couplings allow this versatile device to be used in most any size tank. Longer extensions are also available. A CPVC mounting bracket is available for easy mounting. Other materials available for higher temperature service, as manufactured by SIMTECH.

*For Complete Engineering & Dimensional Data Please Visit [www.simtechUSA.com](http://www.simtechUSA.com)*