LACO TECHNOLOGIES

TITAN VERSA HIGH-FLOW VALVES

User Manual

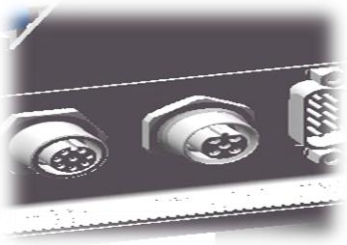
Description

TITAN VERSA HIGH-FLOW VALVE KITS	
P/N	Description
TV115787	VERSA C (Compact) High-Flow Evacuation Assembly
TV115787-1	VERSA C (Compact) High-Flow Evacuation w/ High-Flow Vent
TV115801	VERSA L (Horizontal) High-Flow Evacuation Assembly
TV115801-1	VERSA L (Horizontal) High-Flow Evacuation w/High-Flow Vent
TV115802	VERSA T (Tower) High-Flow Evacuation Assembly
TV115802-1	VERSA T (Tower) High-Flow Evacuation w/ High-Flow Vent
TV115803	TITAN VERSA High-Flow Vent Valve Assembly

Note: This manual is primarily intended for users needing to install TITAN VERSA High-Flow valves on their own.

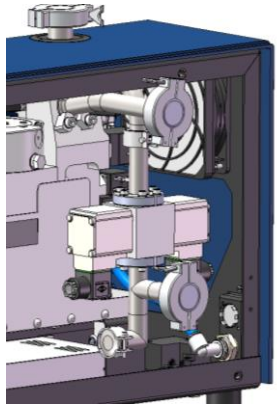
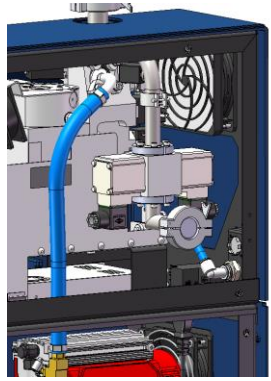
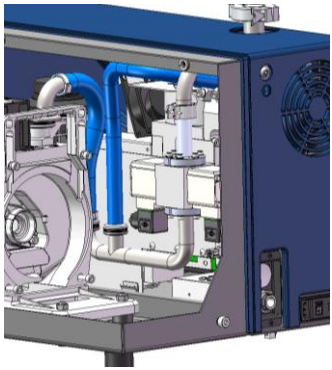
TITAN VERSA High-Flow Evacuation (Evac) valves reduce pump down times by 30-50%. Additionally, High-Flow vent valves improve test times significant by reducing venting times. All valves are installed within the main enclosure resulting in a clean looking, high-performance leak detector.

Installation

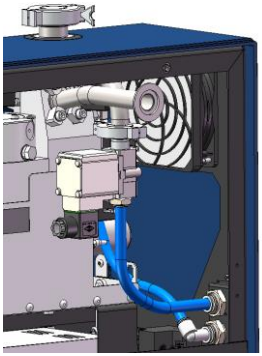
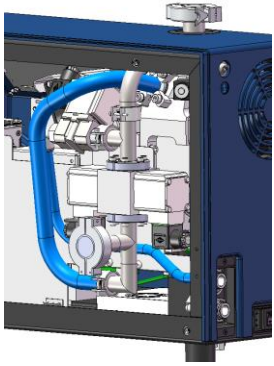
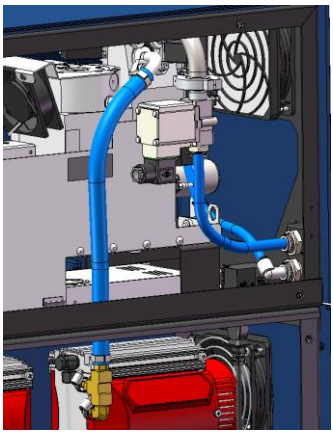
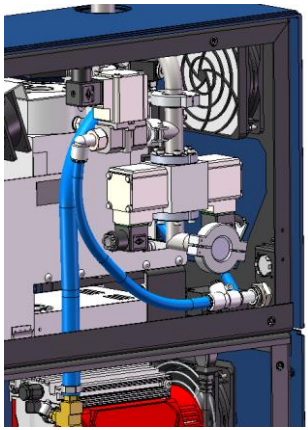


1. Disconnect power.
2. Remove covers. Refer to main user manual for instructions.
3. Remove exiting Inlet Nipple and install new Inlet Tee.
4. Install valves per image below.
5. Determine pump configuration and install internal hoses.
6. Remove accessory connectors, install internally (on frame) and install plugs on panel.
7. Run valve wires to connectors.

High-Flow Evac. Plumbing

	1 Pump	2 Pumps
Compact		
Tower	N/A	
Horizontal		N/A

High-Flow Vent Plumbing

	High-Flow Vent Only	High-Flow Evac & Vent
Compact		
Tower		
Horizontal		

Operation

Set up software (Settings > System > Accessories) per desired configuration. Refer to the main TITAN VERSA user manual for further details on configuring accessories.

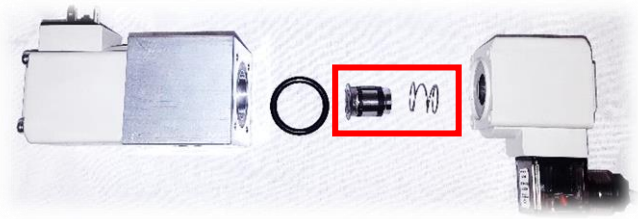
Maintenance

Valves should be inspected and cleaned every 100,000 cycles or every two years (whichever comes first). Valve plunger seals and the internal valve body should be lightly cleaned with methanol or water if dirty or contaminated. Follow the valve replacement instructions below to inspect valves.

Valves should be replaced every 200,000 cycles or every 4 years (whichever comes first).

Valve Replacement

1. Disconnect power and remove back covers.
2. Remove valve electrical (DIN) connectors.
3. Remove 4 long screws on valve coil assembly.
4. Remove valve coil and plunger.
5. Replace with new valve coil and plunger.
6. Reconnect items per instructions above.



HIGH-FLOW VALVE SPARE PARTS	
P/N	Description
LMSA0475-K	Solenoid Valve Operator and Plunger Kit