



Installation Instructions ProStar 500 Electric Valves

Kit Contents (one of the following Electric Valves)

03-935866-91	6-column selection valve (SST)
03-935866-92	6-column selection valve (PEEK)
03-935867-91	6-solvent selection valve
03-935885-91	3-column selection valve (SST)
03-935885-92	3-column selection valve (PEEK)
03-935869-91	Preparative 12-Fraction Collector Valve (SST)
03-935869-92	Preparative 12-Fraction Collector Valve (PEEK)
03-935876-91	Semi-Prep, 10-Fraction Collector Valve (SST)
03-935876-92	Semi-Prep, 10-Fraction Collector Valve (PEEK)
03-935868-91	2-position, fluid processor, Prep. diverter valve 0.04 in. (SST)
03-935868-92	2-position, fluid processor, Prep. diverter valve 0.04 in. (PEEK)
03-935888-91	2-position, fluid processor, Prep. diverter valve 0.02 in. (SST)
03-935888-92	2-position, fluid processor, Prep. diverter valve 0.02 in. (PEEK)

Installation

NOTE: A qualified Varian Service Engineer must perform this valve installation for any CVM with a Serial Number of 00199 or earlier.



WARNING:
SHOCK HAZARD

Before beginning any procedures in these instructions you should turn off the power and remove the power cord from the rear panel.

- 1) Open the electrical compartment by removing the six screws securing the panel on the rear right side of module.
 - 2) Locate the appropriate valve position required and remove the four screws securing the valve plate.
 - 3) Install the two electric valve wire harnesses through the appropriate valve opening first, and secure valve using the four screws removed with the valve panel. The valve openings are designed so the valve harness can be located either on top or bottom of the valve, depending on customer preference.
 - 4) Plug the two electric valve connectors into the lowest numbered valve position available on the main circuit board. VALVE 1 connectors are J14 and J15, VALVE 2 connectors are J9 and J10, VALVE 3 connectors are J17 and J18, and VALVE 4 connectors are J20 and J16.
 - 5) Affix appropriate valve number label (from accessory kit) to valve body.
 - 6) Replace and secure the panel over the electrical compartment, attach power cord and re-configure CVM as outlined in operation manual.
- NOTE: Column Selector Valves are usually mounted inside the CVM column cavity. For best analysis performance, avoid mounting a valve directly over a column heater. Solvent Selector Valves, Fluid Processor (Diverter) Valves, and Fraction Collection Valves are mounted out the lower rear of module in ascending order from bottom to top. Although six valve positions exist, a maximum of four electric valves can be installed in any single CVM.