

HPLC Manifold Kit For Quick-Disconnect Safety Disposal Cans

1. Each Justrite[®] HPLC Manifold kit comes with a pre-installed stainless steel disconnect plug ready to install on any TF & BY series Quick-Disconnect Safety Disposal Can. The kit can also apply to any Justrite Custom Made Quick-Disconnect Safety Disposal Can by Justrite[®] **stainless steel** with quick disconnect fittings.
2. Note: It is highly recommended that only stainless steel quick disconnects with Teflon seals be used for all HPLC applications, particularly the fittings dedicated to waste fluid intake to insure an uninterrupted solvent flow to the Quick-Disconnect Safety Disposal Can.
3. Justrite[®] HPLC Manifolds are manufactured from type 316 stainless steel.
4. Up to 4 HPLC waste line tubes may be connected to each Justrite HPLC Manifold.
5. For HPLC applications, each Justrite Quick-Disconnect Safety Disposal Can must have a minimum of two quick disconnect fittings with 1 fitting dedicated to venting the can properly and preventing back pressure. Custom ordered Quick-Disconnect Safety Disposal Cans can be provided with more quick disconnect fittings upon request (maximum 8). Contact Justrite[®] or your local distributor for information and assistance.
6. Justrite[®] Coalescing /Carbon Filters w/ Disconnects are available for properly venting the can. Contact Justrite[®] or your local distributor for information and assistance.
7. More than 1 Justrite HPLC Manifold can be used per waste can if there are 3 or more stainless steel quick disconnect fittings on the can. At least 1 fitting should be dedicated to venting the can properly and preventing backpressure.
8. The Justrite HPLC Manifold kit comes with enough fittings to accommodate either 1/16" OD tube applications or 1/8" OD tube applications.
9. The Justrite HPLC Manifold has 4 ports that are tapped to accommodate 1/4-28 threads of the supplied fittings.
10. 1/4-28 Peek fittings are supplied with each HPLC Manifold Kit to give it versatility as follows:
 - a. 4 ea.) 1/16" OD tube fittings w/ Kel-F bushings (for replacements, order Part #28174)
 - b. 4 ea.) 1/8" OD tube fitting w/ Kel-F bushings (for replacements, order Part #28175)
 - c. 4 ea.) Plug Caps to plug unused ports (for replacements order, Part #28176)
11. Before assembling fittings to manifold, make sure the end of the tubing is cut square and that the outside end of the tube where the bushing (ferrule) fits is clean and free of pits and scars.
 - a. Slide the flange-free nut onto the tubing with the threaded end facing the end of the tubing.
 - b. Orient the bevel on the bushing (ferrule) to mate with bevel in the threaded end of the nut.
 - c. Push the end of the tubing into the bushing (ferrule) until the tubing rests against the bottom of the bushing (ferrule).
 - d. Slide the bushing (ferrule) and the fitting into the mating nut and thread the nut into the manifold.
 - e. Tighten the nut hand tight only. Do not use tools! This could damage the bushing (ferrule).

Note:

1. Do not transport Safety Can While the HPLC Manifold is attached.
2. When using this HPLC Manifold with an FM approved Justrite[®] Safety Disposal Can: The Justrite[®] Safety Disposal Can has not been FM approved or tested in assembly to the HPLC Manifold attached. However, the can does comply with OSHA 1910 and NFPA Code 30 both with and without the HPLC Manifold.