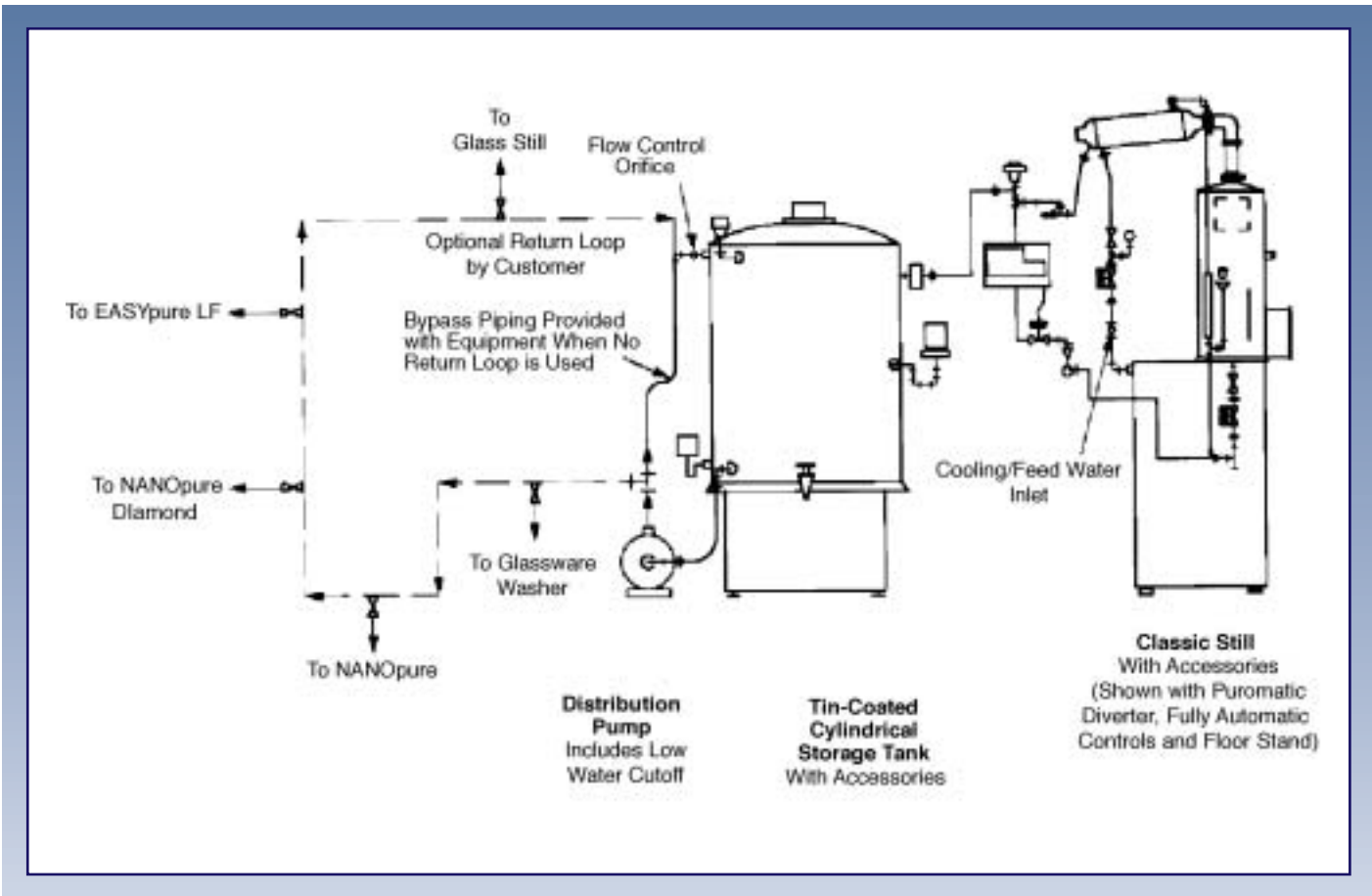


Distillation Central System



Central Systems

The current role of the central pure water system in the research laboratory is to provide water to multiple outlets which is pure enough to a) be acceptable for general, higher volume laboratory use, such as glassware washing and b) provide fairly low levels of ions and other impurities so that point-of-use equipment can be operated with optimal maintenance and cost per liter for critical, ultrapure water applications.

Reverse osmosis and distillation both significantly reduce ionized impurities as well as organics, bacteria, pyrogens and particulate matter. Distillation generally provides higher resistivity (with a nominal levels of less than 1 ppm total dissolved solids) than reverse osmosis (about 95% removal of ions), but also has higher operating costs due to higher energy input. Pretreatment considerations may also be important in equipment selection.

PRODUCT SPECIFICATIONS

Model #	Flow Control	Type
Classic Stills		
A1011	(1 gph)	Electric
A1013	(2 gph)	Electric
A1015	(5 gph)	Electric
A1016	(10 gph)	Electric
A1212	(5 gph)	Steam
A1213	(10 gph)	Steam
Cylindrical Tank		
Capacity		
B3043	(10 gal.)	
B3045	(25 gal.)	
B3046	(50 gal.)	
B3047	(100 gal.)	
B3049	(200 gal.)	
Rectangular Tank		
Capacity		
B3027	(25 gal.)	
B3028	(50 gal.)	