

Fully Integrated Self Cleaning System Specification

The hood shall be a Type I exhaust hood with factory installed spray and manifold assembly. Assemblies shall be ETL Sanitation listed and ETL listed to conform to UL710, ULC710, and UL508A.

The hood shall be constructed of 100% Stainless steel, either 304 or 430. All welds in the plenum shall be dye-penetrated tested for leaks. High efficiency baffle filters shall be installed in hood, and the sprayers located inside the plenum will clean the back of the filters. All plumbing shall be standard brass pipefitting except for penetrations, which shall be stainless steel. All nozzles shall be wide-angle, full-cone with internal strainer and pressure sensitive check valve.

The water inlet shall be a 3/4" NPT pipefitting. Drains shall consist of one 1 1/2" NPT pipe, unless exhaust hood is over 10' long or 30" tall, in which case two drains shall be installed. A ball valve shall be installed with the manifold for servicing the self cleaning system. All surfactant injection shall be done after a vacuum breaker backflow prevention valve. Timers shall be factory set for a three minute wash cycle with a one second surfactant injection before a delay of one minute.