



ASL Technologies, LLC

Electrostatic Fluid Purification Systems

10525 W. US Hwy. 30
Bldg. 3D
Wanatah, IN 46390
Phone: 219-733-2777
Fax: 219-733-2779
Web: www.aslfilter.com

The S-Series “Super Cabinet” Units represent the latest design in Electrostatic Fluid purification Systems. These units feature advanced electronics, controls and warning indicators, and are priced to rival most “kidney loop” mechanical filtration systems. The advantages of Electrostatics over mechanical systems in providing extreme fluid cleanliness cannot be compared.

ASL’s Patented FPRS™ (Finite Particle Removal System) removes sub micron sized particles from hydraulic or lubricating oil by electrostatic and electromagnetic principles. The ASL Electrostatic System removes three of the five causes of oil contamination; Particulate, Water and Oxidation by-products, and is suited to work with hydraulic, transformer, lubricating, compressor, transmission, turbine, and phosphate ester fluids.

The removal of these particles is accomplished by electronically influencing the particles in the oil to opposite polarities. The influenced particles are then attracted to oppositely charged particles and plates, and are retained in the system’s electrostatic cell until intentionally back flushed by the operator.

Prior to sub-micronic particulate removal, contaminated fluids pass through a water absorber/prefilter system, where free and emulsified water, as well as larger contaminants are removed. The dried oil then passes through the electrostatic cell’s electrically charged plates for the final stage of particulate removal.

Any particle, regardless of size, can be electronically influenced and removed from oil. How clean is your system’s oil? With ASL’s FPRS™ systems, ISO codes as low as 10/7 can be maintained. This translates into less downtime, reduced maintenance problems, longer equipment life, less waste and scrap, and much longer (3 – 5 X) oil and filter change intervals.

The Super Cabinet model is constructed of rugged 14 gauge steel and measures approximately 26” tall, by 19.5” wide, by 15” deep, and weighs 121 pounds wet. The unit can be wall mounted, dolly mounted, or left freestanding. The system is available in flow rates to handle reservoir sizes from 1200 gallons and smaller. The system operates on standard 120 VAC, 60 Hz, single phase <10 amps. Annual maintenance costs are less than 4 cents per hour, based on 24/7 operation. Give ASL a call, we’ll be glad to help!



Power Cord (Provided)

Remote Alarm Connection

Fluid Outlet – Return to Reservoir

Elapsed Time Indicator

Microammeter

Fluid Inlet – In From Reservoir

System Status Indicators

100% Made in USA

System Pressure Gauge

Available in flow rates to support 1200 gallon and smaller reservoir sizes.

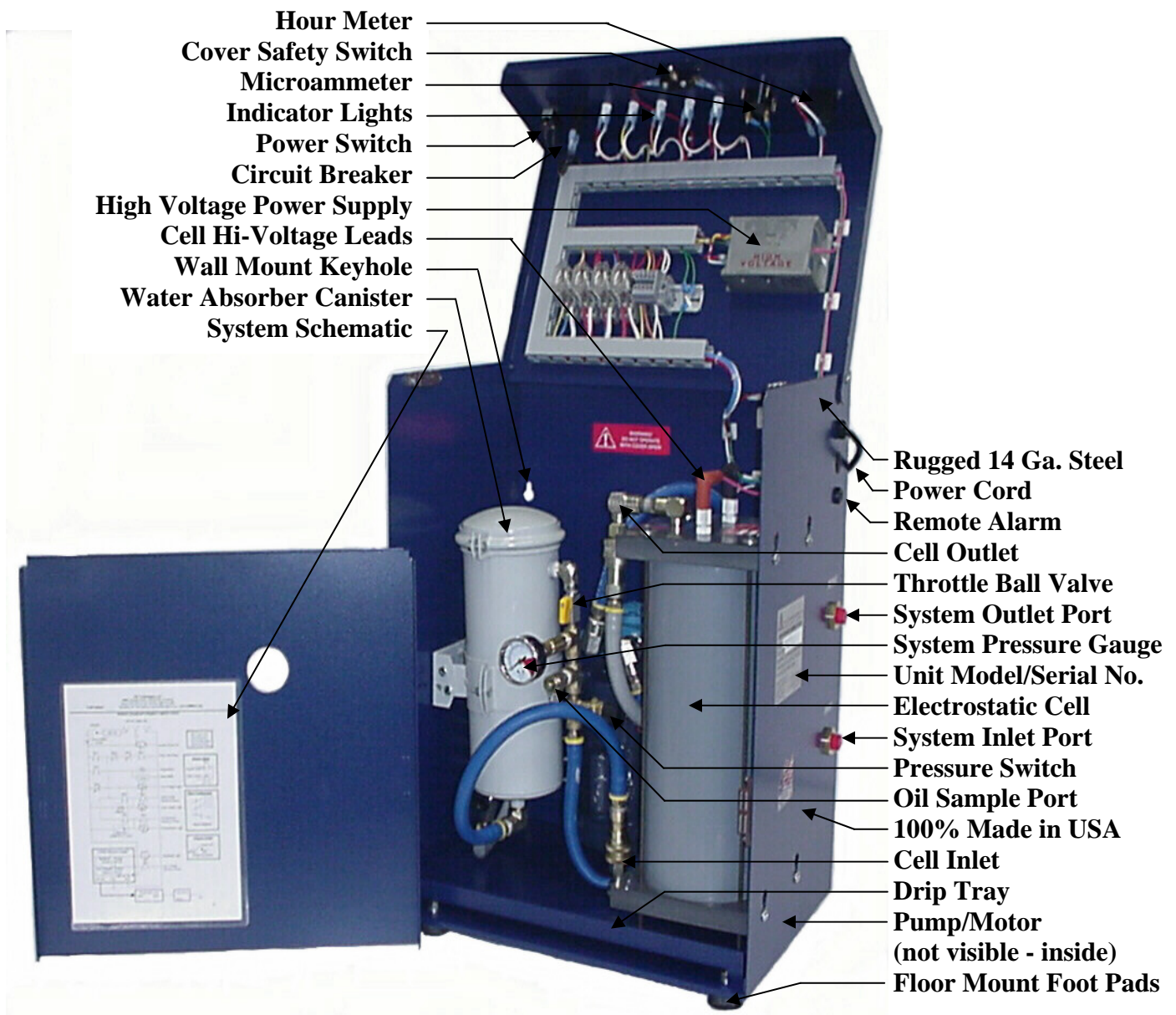
Visit us at www.aslfilter.com



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The “Super” Series Electrostatic Fluid Purification Systems – Internal features:

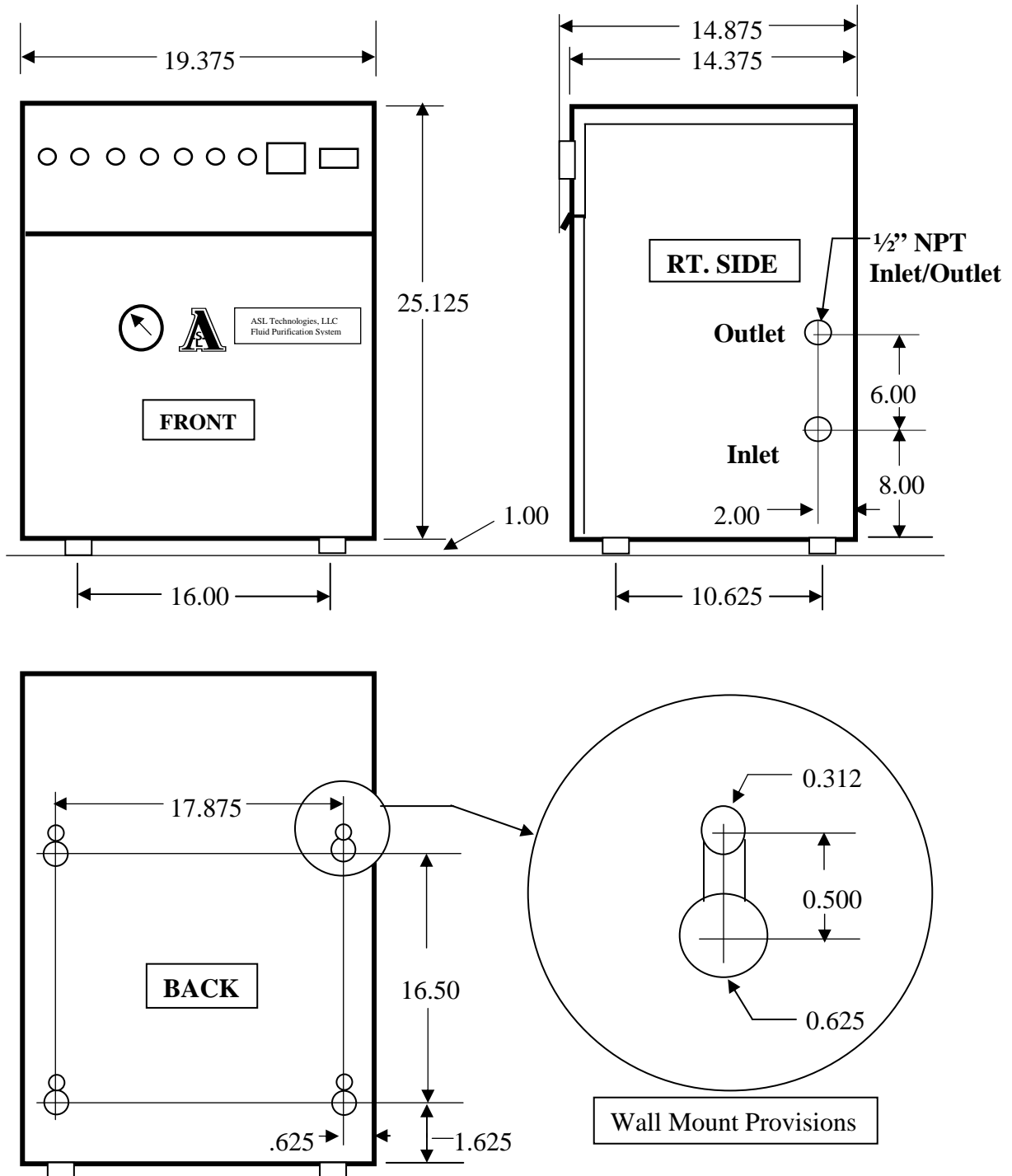




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S-Series Cabinet Dimensions



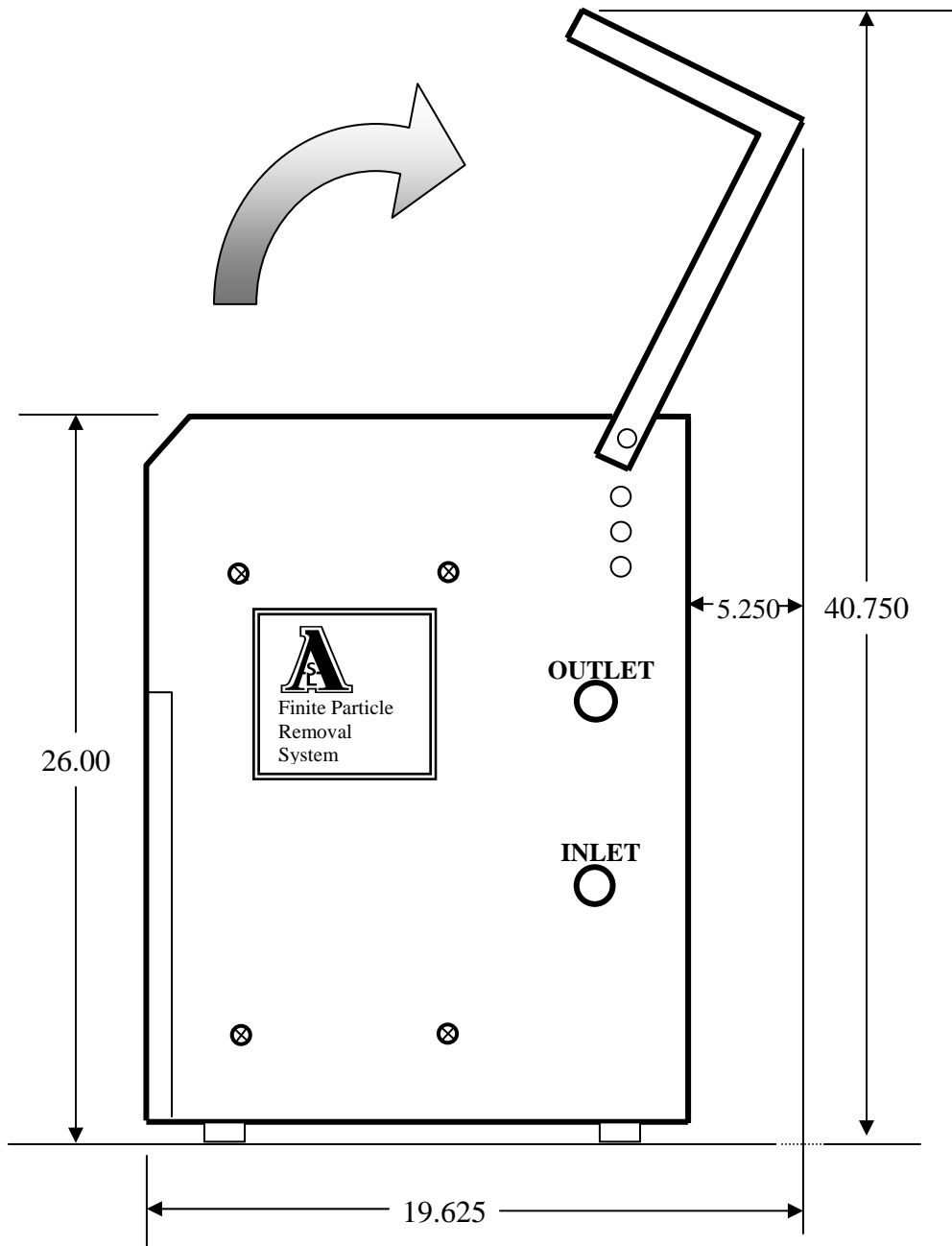


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“S” Cabinet Units Right Side View Lid Open Dimensions

(not to scale)



Visit us at www.aslfilter.com