

Prime Efficiency Equipment, Inc.

"Manufacturer's Representatives of Environmentally Friendly Products"

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The following is a detail comparison with regards to questions about the grease exhaust system with an ESP scrubber and MoliTron wet scrubber:

- Electrostatic Precipitation filter with automatic wash-down cycle. ESP units requires 160F water to wash down the unit each night(300 Gallon). The MoliTron unit use 40 gallon of hot water in the morning during startup of the unit to fill the reservoir 7 mix it with degreaser solution. 3 gallon per hour to refill the reservoir due to evaporation. Then 40 gallon ate end of the day when the fan is turn off to clean the degreaser section of the scrubber. MoliTron unit is all stainless steel for easier cleaning.
- Multi-stage filtration system with monitoring. ESP requires prefilters (removal of large grease particles after filters to straighten the air flow. MoliTron use first stage degreaser water to remove grease particles. Second stage 95% or 99% filter for remove of smoke particles and the MOAS odor abatement system. Using solution base odor remove (95%) system with nozzle mounted at the main grease duct for maximum effect on odor particles (.0005p). odor particles cannot be capture by filtered and must be absorb by using carbon filters or by using our MOAS system.
- Odor Control via carbon filtration impregnated with potassium permagnate. Carbon filters to remove 90-95% odor. Carbon filters must be dispose at a hazards waste site (approx. \$300/ visit) how do you know when to remove the carbon filters? ESP generates ozone, which create smog.
- Sound attenuation as needed for adjacencies to other Tenants and Public Common Areas. The MoliTron unit generate no noise. Most local codes do not allow sound attenuator in the grease duct because they have flammable insulation and not rated for grease ducts uses.

Captive Aire for their C-ESP Pollution Control Unit - both of which should be able to meet this criteria. Captive Aire no longer brand the Gaylord ESP. They only offer the dry scrubber. I think they were having too many problems with ESP scrubbers. They manufacturer their own dry scrubbers now. Size and weight of the ESP scrubber is more than MoliTron AFSW 36L (operating wts -600 LBS, 3' wide x 5' high x 6' long). Seasons 52 uses wood to cook, amber, wood odor and cresol is very heavy. MoliTron wet scrubber handle this type of cooking the best.

Please call me after you review this email and the attachments. 650 922-8992.