



Puroflux Filtration System Helps Maintain Comfortable Temperatures at Hotel

Particles & Debris: Dirt, rocks, sand, dust, salt

Issue: Pre-filters of Modular Chillers constantly clogging with Solids

Equipment Prescribed: Puroflux PF-63-060A Separator with Package Recovery System

Issue: To provide comfort cooling, a hotel in the Northwest utilizes a six module chiller system. They began to receive guest complaints about individual room temperatures not being maintained throughout the building. Airborne particulate that accumulated within the chiller and cooling tower systems compromising their temperature control. The pre-filters continuously became clogged which as result increased the system head pressure and decreased overall efficiency.



Equipment Prescribed: Puroflux PF-63-060A configured as side-stream package, including a pump and particle Recovery Vessel. The Puroflux PF-63 Package Recovery Vessel must be emptied regularly, frequency depending on the volume of solids accumulated in the 25 micron filter bag. Their Hotel Facilities Engineer said "We have eliminated the high head pressure problems and now we have achieved proper control of the cooling and heating of our facility". Their Maintenance Manager said "Puroflux has given us a way to maintain design temperatures of our HVAC system." The Hotel Manager said "Our new Puroflux Separator has improved cooling satisfaction with our guests, and has greatly elevated our customer reviews, which has positively impacted our business".

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