

Condensation Control for Bus Duct

Controlling moisture to maintain optimal bus system performance

AZZ's proven condensation control for bus systems eliminates moisture that can cause breakdown and result in downtime and unplanned expenses. A properly designed and maintained bus system effectively prevents condensation and ensures safe, reliable bus system operation.

AZZ offers retrofit condensation control solutions that eliminate the liability of potentially multiple failure points found in poorly designed and maintained bus ducts.

Custom designed and installed, AZZ's condensation control is a highly engineered solution that is available as a complete turnkey option. As your single-source provider for bus systems and services, AZZ requires minimal time and evaluation cost to design the optimal solution for each application.

The Issue

Condensation can build up inside an electrical bus system due to a number of factors, from poor installation or a design flaw to high-humidity climate or heating system failure. Combined cycle units are particularly prone to moisture accumulation.

Over time, this moisture initiates corona activity, which can be accelerated by the build-up of ionized air in an enclosed area or space with no air movement. The result could be a catastrophic failure or fault, leading to unplanned outages, expensive equipment replacement and safety risks to personnel.

Who is Impacted?

- Bus duct designs that lack ability to shed rainwater
- Reliance on sealants that will age and crack
- Geographies with wide temperature swings from day-to-night
- Peaking/Cycling facilities with downtime for moisture to accumulate

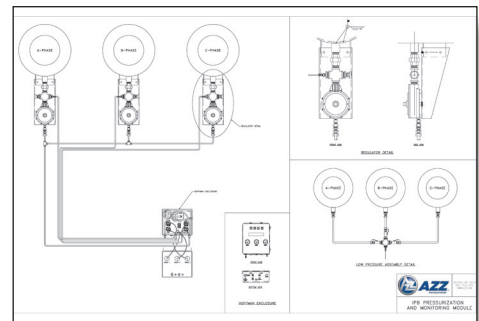
Benefits of Condensation Control

- Remove moisture
- Helps keep dust/contaminants out
- Eliminates any faults caused by moisture in the bus duct

Protect your bus duct systems and your staff with a retrofitted dry air condensation control system from AZZ to effectively prevent condensation and ensure safe, reliable bus system operation.



Corroded insulator



AZZ pressurization and monitoring module



Dry air equipment installed at customer