

COONEY SMART COIL SPECIFICATION DATA

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Only applicable for Fluid and Steam Coils with Cooney Freeze Block™ Technology

- Provide fluid or steam coil with Cooney Freeze Block™ Technology
- An adapter fitting will be attached to the bottom of every Cooney Freeze Block™ relief valve (plain end or hose barb)
 - » Material designed to handle temperatures from -40F to 300F
 - » Material must be non-conductive
 - » Adapter fitting will house a conductivity sensor designed to sense when the Cooney Freeze Block™ relief valve discharges during a freezing event
 - » Must be designed to only sense water from valve discharge and not from environment
 - » Must not hold water after valve deployment
- Sensor is wired to the supplied control box terminal strip
- Standard NEMA 4 rated Control box to allow an input voltage range of 24 – 305 VAC single phase
- Output shall be through a relay switch to the Building Automation System and/or Air handling unit controls
- BAS (Building Automation System) to then be programmed to perform, but not limited to, the following sequence of operations:
 - » Turn off power to the fan
 - » Close Outside Air Dampers
 - » Activate steam or water flow to preheat coil – where applicable
 - » Send alarm to control center to notify maintenance personnel
 - » Local Audible/Visual Alarm (optional)