

AK-SM 800A version comparison	AK-SM 820A Small store	AK-SM 850A Refrigeration	AK-SM 880A Full
Refrigeration Control			
All AK-SM 800A variants come with Centralized I/O and Pack / Case control options. EKC AK2 SLV FC102	Max. 32 generic device support	Max 170 generic device - see Table 4: Specifications	Max 170 generic device - see Table 4: Specifications
Lighting Control			
All AK-SM 800A variants come with built in lighting control via I/O modules. The number of zones differ.	10	30	30
HVAC			
Only the AK-SM 820A and AK-SM 880A support built in HVAC control via I/O	10	n/a	45
Alarms (Active)			
Capacity	500	500	500
Miscellaneous points (via IO modules)			
Relay (R), Sensor (S), ON / OFF (O / F), Variable (V)	R=20, S=20, O / F=20, V=20	R=70, S=80, O / F=70, V=70	R=70, S=80, O / F=70, V=70
Master control			
Po Optimization, Master Schedules, AKC ON Note: Adaptive De-frost not currently supported	Yes	Yes	Yes
Misc Calculations			
Boolean Logic statements	96	96	96
History			
The AK-SM 800A has the ability to record datapoints for history and view.	3000 total points	3000 total points	3000 total points
History HACCP	200 total points	200 total points	200 total points
Leak Detectors			
Refrigerant gas detectors (connected via AK I/O)	10	50	50
Energy Meters			
Pulse Input (via I/O module), Carlo Garvazi, Wattnode, Wattnode Plus MODBUS, Veris MODBUS, Schneider PM3255 and iEM3250	32	80	80