



Release Notes for APX™ SW4 Software

Released Version 09.43.00

6/26/2026

List of Features	
1	Improved SMV positioning during compressor start, compressor switching, startup, and normal operation.
2	Updated unloader logic for standby startup, defrost operation, RPM droop, break-in period behavior, and the A00085 unloader alarm.
3	Added/optimized check-cooling and check-heating cycle alarms (A00029 and A02007) and shared cooling-cycle timer data for diagnostics.
4	Updated null-heat temperature overshoot behavior, glow-temperature determination, and heat-lockout override default configuration. Update name of heat-lockout override to "Allow Heat at Frozen setpoint"
5	Refined condenser/radiator fan operation in low ambient conditions
6	Corrected Cab Command display scrolling for setpoint/sensor screens and added or improved service-facing data visibility where applicable.
7	Corrected S10 MT setpoint lock behavior and city-speed activation.
8	Changed fuel-pump relay activation timing to improve startability 5 to 25 seconds

Models Affected

Surpa™
S10MT
X
X
X
X
X
X
X
X

Released Version 09.42.00

7/23/2025

List of Features	
1	Updated defrost termination conditions (62-11868 Section 9.4)
2	Correction to C1 HGV operation to prevent valve deenergizing
3	Valve operation change when switching to continuous run when unit was in start-stop off cycle.
4	Condenser fan PWM percentage visible on cab command
5	Added DF Delay message and change to NO DF message when defrost button is pressed (62-11868 Section 3.4.9)
6	Service mode and component test mode enabled in TRU-Tech (Version 01.18.00 or later)

Models Affected

Surpa™
S10MT
X
X
X
X
X
X