

LC Series PLC Controller

LCS Software Change Log

LCS6000.2.1.0		Status: Active	Release Date: 04/06/2018
Update Includes	This release adds the following new features: <ul style="list-style-type: none"> • Changed: Unit information screens have been updated to accommodate W***AP & WR models. • Changed: Unit information screens now show last 24 hour information instead of last hour. • Added: High Sensible toggle added to each zone for the WR units. 		
Know Issues	<ul style="list-style-type: none"> • First unit off in FIFO staging does not reflect staging order. All Units after will follow staging order. 		
Software Compatibility	<ul style="list-style-type: none"> • MTS1000.2.1.0 		
Hardware Compatibility	<ul style="list-style-type: none"> • LC6000-100 		
Operating System Version	<ul style="list-style-type: none"> • 4.3.000 		

LCS6000.2.0.0		Status: Active	Release Date: 01/31/2018
Update Includes	This release adds the following new features: <ul style="list-style-type: none"> • Added: Staging order can now be set to LIFO, FIFO, or Demand. This replaces previous staging options. • Added: New setting for maximum number of units operating per zone which allows all unit to be used in rotation to achieve even run time on each unit. • Added: Staging of wall units to dehumidify in each zone based on demand of each zone. • Added: User can now select which units are allowed to run while operating on generator supplied power. • Added: High and Low humidity alarm set points per zone • Added: Identify lead unit per zone in the system configuration menu • Added: Emergency Ventilation mode has been added to vent units in configured zones when a hydrogen leak has been detected. • Added: Emergency Cool will utilize the economizers in a high temperature scenario to cool the shelter as long as the temperature outside is lower than the temperature inside. • Added: Date and time now sync to the wall units allowing for a simpler site setup. • Added: Wall unit alarms can now be cleared from the LC6000. • Added: Each zone now utilizes PID control for heating and cooling staging of equipment. • Added: Sensor averaging is now configurable. The user can determine to average all sensors, only the LC sensors, or LC sensor and any wall unit return air temperature with the blower running. • Added: Passwords can now be reset by Technical services if user has altered and forgotten passwords. 		

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- Added: IP configuration is now available in settings menu.
- Added: LC will now display model number, serial number, and software version in information quick menu.
- Added: Each zone will now trigger an alarm if no sensors are available for temperature control.
- This alarm will trigger a respective relay out to notify of the event.
- Changed: Structure of the System Configuration Menu has now been organized into zones.
- Changed: New Modbus standard was implemented to allow easier integration of future products and standardize the equipment communication.
- Fix: Continuous blower operation made more reliable
- Fix: Humidifier selection now allows user to select no humidifiers if previously configured for humidifiers.
- Fix: Comfort mode can now easily be disabled from the quick menu
- Removed: Consideration for unit mode is no longer required. Replaced with maximum number of units per zone.

Know Issues	•
Software Compatibility	• MTS1000.2.0.0
Hardware Compatibility	• LC6000-100
Operating System Version	• 4.3.000

LCS6000.1.1.0		Status: Discontinued 04/06/2018	Release Date: 02/17/2017
Update Includes	This release adds the following new features: <ul style="list-style-type: none"> • Fixed issue with zone temperature averaging only on unit demand • Added heat consideration to temperature priority mode • Changed differential labels to on off • Changed heating and cooling differential labels to on and off. • Changed heating and cooling differentials to match wall unit defaults. • New Feature: Added option to select which wall unit alarms will actuate the zone alarm relay outputs • Adjusted usable ranges on Modbus variables • Added LC smoke alarm communicated variable to override continuous blower 		
Know Issues	• Humidifier type selection cannot be set back to none		
Software Compatibility	• MTS1000.1.0.8		
Hardware Compatibility	• LC6000-100		
Operating System Version	• 4.1.001		



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LCS6000.1.0.8	Status: Discontinued 02/17/2017	Release Date:	08/18/2016
Update Includes	This release adds the following new features: <ul style="list-style-type: none">• Initial Release		
Know Issues	<ul style="list-style-type: none">• Zone temperature only calculates average when demand is present• Temperature priority mode only considers cooling mode		
Software Compatibility	<ul style="list-style-type: none">• MTS1000.1.0.8		
Hardware Compatibility	<ul style="list-style-type: none">• LC6000-100		
Operating System Version	<ul style="list-style-type: none">• N/A		

Software Status

Active	Current version of software.
Available	Stable version available from website or Bard Technical Service.
Discontinued	Software version no longer supported, recommend updating to the Active version.