

Mars SimpleLink Controller



atmosphere is everything

14716 S. BROADWAY, GARDENA, CA 90248 • Ph: (310) 532-1555 Fax: (310) 532-3030 • www.marsair.com
© Copyright Mars Air Systems, LLC 2014

SimpleLink™

Part #	ACU Series	Heat Type	Mounting (Controller)	Description	# of Circuits
Standard Package					
SK-UU	QP8, QP10, PH10, PH12, LPV2*	Unheated	Unit Mounted	Accessory, Kit, SimpleLink, QP/PH, Unheated, 2 Mtr max, 115V-230V 1PH, Unit Mntd, Nema 1	1
SK-UR	STD2	Unheated	Remote Mounted	Accessory, Kit, SimpleLink, LP2/STD2, Unheated, 2 Mtr max, 115V-230V 1PH, Rmt Mntd, Nema 1	1
SK-EU	QP10, PH10, PH12, STD2	Electric Heated	Unit Mounted	Accessory, Kit, SimpleLink, QP/PH/STD2, Electric Heated, 1-2 Circuits, Unit Mntd, Nema 1	1 or 2
SK-ER	QP8, LPV2	Electric Heated	Remote Mounted	Accessory, Kit, SimpleLink, QP8/LPV2, Electric Heated, 1-2 Circuits, Rmt Mntd, Nema 1	1 or 2
Plus Package: BACnet and Full Adaptive Controls					
SK-UU-BN	QP8, QP10, PH10, PH12	Unheated	Unit Mounted	Accessory, Kit, SimpleLink w/ BACnet, QP/PH, Unheated, 2 Mtr max, 115V-230V 1PH, Unit Mntd, Nema 1	1
SK-UR-BN	LPV2, STD2	Unheated	Remote Mounted	Accessory, Kit, SimpleLink w/ BACnet, LPV2/STD2, Unheated, 2 Mtr max, 115V-230V 1PH, Rmt Mntd, Nema 1	1
SK-EU-BN	QP10, PH10, PH12, STD2	Electric Heated	Unit Mounted	Accessory, Kit, SimpleLink w/ BACnet, QP/PH/STD2, Electric Heated, 1-2 Circuit, Unit Mntd, Nema 1	1 or 2
SK-ER-BN	QP8, LPV2	Electric Heated	Remote Mounted	Accessory, Kit, SimpleLink w/ BACnet, QP8/LPV2, Electric Heated, 1-2 Circuit, Rmt Mntd, Nema 1	1 or 2

Standard Features:

- ❖ HMI Display (Human Machine Interface)
 - Intuitive user interface remote mounted and field installed as standard
- ❖ Available Standard Factory Modes
 - Time Delay Mode
 - Delays the unit shut off when the door closes
 - Reduces unit cycling during busy operational period and prevents premature unit failures
 - For heated models, maintains heat for added comfort during colder temperatures
 - Factory Preset in Time Delay Mode at 5 second (Field Adjustable from 1 to 10,000 sec)
 - Eco Mode
 - Economy Mode for max energy savings for milder conditions
 - Unit operates in Low Speed and Low Heat†
 - IQ Delay Mode
 - Adaptive time delay setting based on door traffic conditions
 - Adjusts time delay to suit current conditions without customer interface
 - Adapts to new conditions every 3 minutes
 - Heat on Demand Mode*
 - Custom sequence of operation for air curtain to act as a space heater
 - Heat on Demand Eco Mode†
 - Heat on Demand with energy saving mode
- ❖ Passcode Protected
- ❖ 24/7/365 Timer
- ❖ Field adjustable set points for temperature, heat and fan
- ❖ Internally mounted temperature sensors
- ❖ Maintenance schedule alert



Plus Package: BACnet and Full Adaptive Controls:

- ❖ IQ Control Mode
 - Adaptive fan and heat† settings based on local space conditions
 - External and field mounted temperature sensors required for sensing outdoor conditions
- ❖ IQ DC Mode
 - The combination of the IQ Delay and IQ Control Modes

NOTE: MARS AIR SYSTEMS, LLC reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.

Mars SimpleLink Controller



atmosphere is everything

14716 S. BROADWAY, GARDENA, CA 90248 • Ph: (310) 532-1555 Fax: (310) 532-3030 • www.marsair.com
© Copyright Mars Air Systems, LLC 2014

- Complete automation of air curtain operation (Autopilot)
- ❖ SimpleLink with BACnet
 - Interface format: BACnet MS/TP
 - Control and Monitor Motor
 - Control and Monitor Heater

‡ LPV2 Unheated air curtain with SimpleLink will use housing with 11.75" depth

*Electric Heated Models Only (filters not applicable)

†High-Low Heat not applicable for 1 PH electric heated units

Options and Accessories:

- ❖ SimpleLink Controller with VFD for 3PH power supply

NOTE: MARS AIR SYSTEMS, LLC reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.