

Mars SimpleLink r2 Controller



atmosphere is everything

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SimpleLink r2®

Part #	ACU Series	Heat Type	Mounting (Controller)	Description
SK-UU	LPV2, STD2, QP10, PH	Unheated*	Integrated Controls	Accessory, Kit, SimpleLink, Unheated, 115V-230V, 1PH, 2 Mtr and 1 HP max, LPV2/QP/PH/STD2, Integrated Control, Nema 1 (LPV2 & STD2 are 3" & 5" deeper)
SK-URV	STD2, QP10, PH			Accessory, Kit, SimpleLink, Unheated, 115V-575V, up to 4 Mtr (Max 1.5 HP@115V), QP/PH/STD2, Integrated Control, Nema 1 & Rmt VFD for 3PH power (STD2 is 5" deeper)
SK-EU+	LPV2, STD2, QP10, PH	Electric Heated ~	Integrated Controls	Accessory, Kit, SimpleLink, Electric Heated, 208V-575V, (460V-575V, 3PH needs additional 115-230V, 1PH power), LPV2/QP/PH/STD2/HV2, Integrated Control, Nema 1
SK-EUV†	STD2, QP10, PH			Accessory, Kit, SimpleLink, Electric Heated, 208V-575V, QP/PH/STD2/HV2, Integrated Control, Nema 1 with Unit Mtd VFD
SK-HU	LPV2, STD2, QP10, PH	Hot Water/Steam Heated	Remote Mounted Panel ▲	Accessory, Kit, SimpleLink, HotWater/Steam Heated, 115V-230V, 1PH, 2 Mtr and 1 HP max, LPV2/QP/PH/STD2, Rmt Mtd Panel, Nema 1
SK-HUV	STD2, QP10, PH			Accessory, Kit, SimpleLink, HotWater/Steam Heated, 115V-575V, up to 4 Mtr (Max 1.5 HP@115V), QP/PH/STD2, Rmt Mtd Panel, Nema 1 & Rmt VFD for 3PH power

* Unheated SimpleLink accessory will use deeper LPV2 and STD2 housing. LPV2 will be 11 3/4" deep & STD2 will be 17 3/8" deep

* SK-EU with 2-speed option for 460V & 575V, 3PH units will require additional 115V or 208-230V, 1PH power for motor.

† Unit mounted VFD. Air curtain requires 15"-20" service clearance on the right hand side.

~ Filters not applicable for electric heated units & Hi-Lo Heat is not applicable for 1 PH electric heated units

▲ PH series with Hot Water/Steam Heated option will have unit mounted panel/VFD

Standard Features:

- ❖ Wireless interface with air curtain with filed supplied Smartphone, tablet, or computer
- ❖ Factory built wireless router with over 50 feet range
- ❖ Easy to connect and to control via any browser (no download needed)
- ❖ Ability to set unique ID for each controller (multiple air curtain can be controlled from one device)
- ❖ Adjustable time delay mode to minimize unit cycling during busy operational period to prevent premature unit failures
- ❖ Eco Mode to maximize energy savings for milder conditions
- ❖ Smart Delay adapts the time delay setting based on door traffic conditions
- ❖ Heat on Demand Mode to regulate the space temperature
- ❖ Passcode Protected
- ❖ 24/7/365 Timer
- ❖ Field adjustable set points for temperature, heat, and fan
- ❖ Maintenance schedule alert
- ❖ Emergency shut-off button
- ❖ 1-year parts warranty

Options and Accessories:

- ❖ SK-HMI, Accessory, SimpleLink with Remote Mounted 7" touch panel screen
 - Controls up to 8 units with SimpleLink2
- ❖ SK-BN, Accessory, Kit, SimpleLink, BACnet
 - SimpleLink with BACnet
 - Interface format: BACnet MS/TP
- ❖ SK-SC, Accessory, Kit, SimpleLink, Adaptive Motor Speed and Heat Output Control
 - Smart Control
 - Adaptive fan and heat setting based on local space conditions
 - External and field mounted temperature sensors required for sensing outdoor conditions
- ❖ BMS-*, BMS monitor and control for unheated (*303), electric heated (*300) or HW/S heated (*306)
 - Dry contact provided in panel for monitoring Motor and Heat
 - 24VAC signal provided from panel for controlling Motor and Heat



SimpleLink r2 Interface (Phone/Tablet)

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.