

Control and Communication Options

These cards, cables, and devices add control functionality to the standard drive. Items are shipped loose, unmounted.

Digital Operator and Software

Model No.	Option Name	Description
UOP000016 (JVOP-183)	Digital Operator (LCD)	This option is the standard digital operator found on the drive. This option is only required if the original digital operator is lost or damaged. If used as a remote operator, the standard digital operator may be used, but then requires Installation Set A (EZZ020642A) for panel or door mounting and Remote Operator Cable (UWR0051 or UWR0052), each sold separately. Features include: • LCD keypad display, 5 lines x 16 characters, backlit • 7 languages • Copy function • Mounts to RJ-45 keypad port
EZZ020642A	LCD/LED Keypad Installation Set A (Remote Operator Mounting Bracket Kit)	This is a bracket to which the LCD Digital Remote Operator (JVOP-183) attaches, and has (4) threaded holes and screws to attach to the cover of an enclosure. The kit contains (2) screws to mount the Operator to the bracket and (4) screws to attach the bracket to the enclosure.
EZZ020642B	LCD/LED Keypad Installation Set B (Remote Operator Mounting Bracket Kit)	Contains a similar bracket that the keypad attaches to and has non-threaded holes for mounting to an enclosure that has the screws attached to the enclosure already. The kit contains (2) screws to mount the keypad to the bracket and (4) nuts to attach the bracket to the customer supplied screws attached to the enclosure.
UUX000922	Keypad Adapter Kit	This kit can be used when a "new" Z1000 keypad is replacing an "old style" key pad used with E7-based Z1000 drives. This kit will allow enclosure door mounted key pad to be upgraded from E7 style to the Z1000 style digital key pad.
UWR0051	Operator Cable, Remote (1 meter)	These cables are used to connect the Remote Digital Operator (JVOP-183). They are available in one (1) or three (3) meter lengths.
UWR0052	Operator Cable, Remote (3 meter)	
UUX000526 (Blank Membrane)	Operator Kits, NEMA Type 3R/4X	This option is used to extend an LCD or LED Digital Remote Operator to the wall of a separately specified, oversized UL Type 3R, 4, 4X, or 12 enclosure (IPX6 environment). Item includes a faceplate bezel with digital operator brackets and membrane to cover the operator cutout in the enclosure door, a 3-foot cable, a 10-foot cable, and a 1:1 template for cutting the necessary cutouts in the enclosure. Keypad can be removed after kit installation. Designed for use with 1000 series Digital Remote Operators (sold separately) . Connects to RJ-45 port and mounts to enclosure wall.
UUX000527 (Yaskawa Logo Membrane)		
UNP00233-3 (Yaskawa Logo)	Overlay, Keypad, Self-adhesive	This membrane is used to cover the operator cutout in the enclosure door to which the keypad has been remotely mounted.
UNP00233-5 (Blank)		
UOP000017 (Yaskawa Logo Faceplate Membrane)	UL Rated Remote Outdoor Operator/ Mounting Kit	UL Rated Remote Outdoor Operator / Mounting Kit. This option provides all you will need to remotely mount the drive's Digital Operator to the door/wall of a separately specified, oversized UL Type 1, 3R, 4, 4X, or 12 enclosure (IPX6 environment). This kit includes: One JVOP-183R Digital Operator providing RTC, HOA, and outdoor rated LCD display, a faceplate bezel with digital operator brackets and membrane to cover the operator cutout in the enclosure door, a 3-foot cable, a 10-foot cable, and a 1:1 template for cutting the necessary cutouts in the enclosure. Mounting hardware is included. Keypad can be removed after kit installation. Connects to RJ-45 port and mounts to enclosure wall.
UOP000019 (Blank Faceplate Membrane)		
SW.DW.40	DriveWizard® HVAC Software	This optional software package allows upload and download of parameters via PC for data storage and for programming multiple drives. The software also includes graphing and monitoring tools. It is a Windows-based program designed to make startup, commissioning, and troubleshooting the drive as simple as possible. Refer to our website at www.yaskawa.com to download the software, and for more information, including minimum system requirements and cable information to interface a PC to the drive.
UWR-0638	USB Interface Cable	This 10-foot male USB-A to male USB-B cable provides a USB-to-USB connection from PC to the drive.
UWR-01076-1	Flash Write Cable	This 6-foot cable connects a PC's 9-pin serial port to the drive's keypad port for updating the drive's firmware, flashing with custom firmware, or updating a network communication option board. It is used with the Flash Tool feature of the DriveWizard® HVAC software.
UWR00468-2	PC Interface Cable	This 6-foot cable interconnects the drive keypad port to the 9-pin communication port on a PC. This cable is used in conjunction with DriveWizard® HVAC software.

Z1000U HVAC MATRIX Drive

Z1000U Control and Communication Options

These cards, cables, and devices add control functionality to the standard drive. Items are shipped loose, unmounted.

Digital Operator and Software

Model No.	Option Name	Description
UOP000016 (JVOP-183)	Digital Operator (LCD)	This option is the standard digital operator found on the drive. This option is only required if the original digital operator is lost or damaged. If used as a remote operator, the standard digital operator may be used, but then requires Installation Set A (EZZ020642A) for panel or door mounting and Remote Operator Cable (UWR0051 or UWR0052), each sold separately. Features include: - LCD keypad display, 5 lines x 16 characters, backlit 7 languages - Copy function - Mounts to RJ-45 keypad port
EZZ020642A	LCD/LED Keypad Installation Set A (Remote Operator Mounting Bracket Kit)	This is a bracket to which the LCD Digital Remote Operator (JVOP-183) attaches, and has (4) threaded holes and screws to attach to the cover of an enclosure. The kit contains (2) screws to mount the Operator to the bracket and (4) screws to attach the bracket to the enclosure.
EZZ020642B	LCD/LED Keypad Installation Set B (Remote Operator Mounting Bracket Kit)	Contains a similar bracket that the keypad attaches to and has non-threaded holes for mounting to an enclosure that has the screws attached to the enclosure already. The kit contains (2) screws to mount the keypad to the bracket and (4) nuts to attach the bracket to the customer supplied screws attached to the enclosure.
UUX000922	Keypad Adapter Kit	This kit can be used when a "new" Z1000 keypad is replacing an "old style" key pad used with E7-based Z1000 drives. This kit will allow enclosure door mounted key pad to be upgraded from E7 style to the Z1000 style digital key pad.
UWR0051	Operator Cable, Remote (1 meter)	These cables are used to connect the Remote Digital Operator (JVOP-183). They are available in one (1) or three (3) meter lengths.
UWR0052	Operator Cable, Remote (3 meter)	
UUX000526 (Blank Membrane)	Operator Kits, NEMA Type 3R/4X	This option is used to extend an LCD or LED Digital Remote Operator to the wall of a separately specified, oversized UL Type 3R, 4, 4X, or 12 enclosure (IPX6 environment). Item includes a faceplate bezel with digital operator brackets and membrane to cover the operator cutout in the enclosure door, a 3-foot cable, a 10-foot cable, and a 1:1 template for cutting the necessary cutouts in the enclosure. Keypad can be removed after kit installation. Designed for use with 1000 series Digital Remote Operators (sold separately) . Connects to RJ-45 port and mounts to enclosure wall.
UUX000527 (Yaskawa Logo Membrane)		
UNP00233-3 (Yaskawa Logo)	Overlay, Keypad, Self-adhesive	This membrane is used to cover the operator cutout in the enclosure door to which the keypad has been remotely mounted.
UNP00233-5 (Blank)		
UOP000017 (Yaskawa Logo Faceplate Membrane)	UL Rated Remote Outdoor Operator/ Mounting Kit	UL Rated Remote Outdoor Operator / Mounting Kit. This option provides all you will need to remotely mount the drive's Digital Operator to the door/wall of a separately specified, oversized UL Type 1, 3R, 4, 4X, or 12 enclosure (IPX6 environment). This kit includes: One JVOP-183R Digital Operator providing RTC, HOA, and outdoor rated LCD display, a faceplate bezel with digital operator brackets and membrane to cover the operator cutout in the enclosure door, a 3-foot cable, a 10-foot cable, and a 1:1 template for cutting the necessary cutouts in the enclosure. Mounting hardware is included. Keypad can be removed after kit installation. Connects to RJ-45 port and mounts to enclosure wall.
UOP000019 (Blank Faceplate Membrane)		
SW.DW.40	DriveWizard® HVAC Software	This optional software package allows upload and download of parameters via PC for data storage and for programming multiple drives. The software also includes graphing and monitoring tools. It is a Windows-based program designed to make startup, commissioning, and troubleshooting the drive as simple as possible. Refer to our website at www.yaskawa.com to download the software, and for more information, including minimum system requirements and cable information to interface a PC to the drive.
UWR-00638	USB Interface Cable	This 10-foot male USB-A to male USB-B cable provides a USB-to-USB connection from PC to the drive.
UWR-01076-1	Flash Write Cable	This 6-foot cable connects a PC's 9-pin serial port to the drive's keypad port for updating the drive's firmware, flashing with custom firmware, or updating a network communication option board. It is used with the Flash Tool feature of the DriveWizard® HVAC software.
UWR00468-2	PC Interface Cable	This 6-foot cable interconnects the drive keypad port to the 9-pin communication port on a PC. This cable is used in conjunction with DriveWizard® HVAC software.

Support Tools

Model No.	Option Name	Description
JVOP-181	USB Copy Unit (Y-Stick)	This option allows the drive to connect to the USB port on a PC. It can read, copy and verify drive parameter settings from one drive to another like drive. The unit plugs into the RJ-45 port on the front of the digital operator. Refer to our website at www.yaskawa.com to download the software.
No Model Number	CopyUnitManager Software for USB Copy Unit (Y-Stick)	This option allows the user to transfer and save parameter files from the Copy Unit (JVOP-181), sold separately, to a PC and vice versa. Refer to our website at www.yaskawa.com to download the software.