V1000-4X Drive

1/2 - 25 HP

The V1000-4X is a version of the standard V1000 in an integral enclosure that meets NEMA type 4X/12 indoor use requirements, UL type 4X/12 standards, and the IP66 rating of IEC 529. This enclosure provides the protection required in tough washdown or dust-tight environments, common in Food and Beverage Processing, Packaging, Metal Machining, Woodworking, Pumping, Refrigeration, and Printing. The enclosure is coated to protect against the harmful effects of sanitizing chemicals commonly used in food industries. Washdown - Dust Tight!

Options

Keypads & Cables

Keypad Options	Keypad # & Mounting Location	Technical Manual
The LCD Operator allows the drive to be operated from a remote location up to 3 meters, and provides a 16-character, 5-line alpha-numeric multi-language LCD display. Allows the user to view parameter descriptions and parameter numbers making it easy to make changes without referring to a manual. JVOP-180 Kit Contents: Qty — Description 1 — LCD Operator 1 — Installation Manual (TOBPC73060029) Note: This option requires the V1000 drive to contain software version 1012 or greater. Installation Set A (EZZ020642A) is required for panel or door mounting along with Remote Operator Cable (UWR0051 or UWR0052), each sold separately. View Optional Items Sold Separately	JVOP-180 RJ-45 port	TOBPC73060029
UL Rated Remote Operator Kit This option is used to extend the existing Digital Operator to the wall of a separately priced, oversized UL Type 1, 3R, 4, 4X, or 12 enclosure (IPX6 environment). Price 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 the LCD Operator JVOP-180 or the LED	UUX000526 (Blank Membrane) Connects to RJ45 port and mounts to enclosure door.	TOEPYEAOPT02 Keypad Template (UDM00236)

Operator JVOP-182 sold separately.	UUX000527 (Yaskawa Logo Membrane) Connects to RJ45 port and mounts to enclosure door.	

USB Copy Unit (Y-Stick)	Model Number & Mounting Location	Installation Guide & Technical Manual
The USB Copy Unit (Y-Stick) 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.	JVOP-181 RJ-45 port	IG.V1000.01 TOBPC73060025

JVOP-181 Kit Contents:

Qty	Description
1	USB Copy Unit (Y-Stick)
1	1 ft USB Cable to connect PC to Y-Stick
1	3 ft Cable with RJ-45 connector on both ends to connect Y-Stick to drive
1	Technical Manual (TOBPC73060025)

Driver:SP1824_001

Note: This driver is required to be installed on the PC before the Y-stick can be used.

CopyUnitManager PC Software

CopyUnitManager is a PC software program that works along with the Y-Stick Copy Unit (JVOP-181) that allows the user to transfer and save parameter files from the Y-Stick to a PC and vice versa. The CopyUnitManager software can be used to save parameter files for a variety of drive sizes and parameter configurations. Simply configure the drive parameters, transfer them to the Y-Stick Copy Unit, then save them to your PC for backup or for quickly downloading multiple drives.

Download Software - rev. 1.1

System Requirements

- PC: PC/AT DOS/V Compatible machine
- CPU: Pentium II Processor 2GHz, 3GHz or more recommended
- Memory: 512MB, 1GB or more recommended
- Hard Disk Capacity: More than 400MB

- Operating System: WindowsXP SP2, Windows2000 SP4

Cables	Model Number
Operator Cable, Remote These cables are used to connect the Remote LCD Digital Operator (JVOP-180). They are available in one (1) or three (3) meter lengths.	UWR0051 (1m), UWR0052 (3m)
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 Plus software.	UWR00468-2

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