

TOSHIBA

Toshiba APG001Z Installation & Operation Manual

Interface card option addendum

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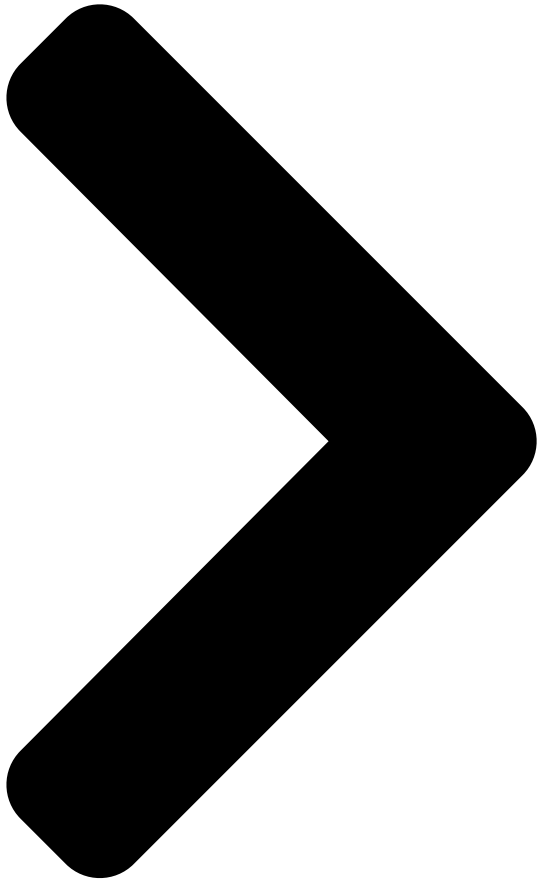


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APG001Z Interface Card Option Addendum

This document is an addendum to the APOGEE® FLN Option Unit Instruction Manual #E6581541. Because the VF-PS1 is built on the same platform as the Q9 ASD, it is recommended that this document to be used in conjunction with the Toshiba Q9 ASD Installation and Operation Manual (P/N 59445). *The Q9 ASD Installation and Operation Manual may be acquired from the Toshiba.com/ind web site (click Drives\Q9 LV Variable Torque HVAC\Manuals).*

For safety and application-specific reasons, some ASD installations will warrant that the operator not be in the vicinity during ASD operation or that the ASD control be executed remotely. The APG001Z interface card is an optional circuit board that is mounted internal to the ASD and is used to facilitate communication with the host via the Floor Level Network (FLN) protocol.

Using the APG001Z interface card the Q9 ASD may be monitored and controlled remotely. The **APG001Z interface card has a built-in FLN communication driver and point database which allows the**

Q9 ASD to communicate over the APOGEE

The APG001Z is simple to install and is ideally suited for use in fan and pump control applications, and in similar equipment.

Installation/Operation Precautions

Install the Q9 ASD securely in a well ventilated area that is out of direct sunlight. The control interface ambient operating temperature is 14° - 104° F (-10° - 40° C).

Installation instructions for the APG001Z interface card is described in the APOGEE® FLN Instruction Manual #E6581541.

- Installation is to be performed by Qualified Personnel only as defined in the Q9 ASD Installation **and Operation Manual**.

- Setup parameters require that the Direct Access function be used to access the setup parameters and that the Unknown Numbers feature of the ASD be set to Enabled.

- Ensure that the Q9 ASD mounting location is easily accessible by the user.

- Avoid installation in areas where vibration, heat, humidity, dust, metal particles, or high levels of electrical noise (EMI) are present.

- Do not install the system where it may be exposed to flammable chemicals or gasses, water, solvents, or other fluids.

- Turn the power on to the Q9 ASD only after securing the APG001Z and the ASD front cover.

Contact Information

Toshiba's Customer Support Center can be contacted to obtain help in resolving any Adjustable Speed Drive system problem that you may experience or to provide application information.

The center is open from 8 a.m. to 5 p.m. (CST), Monday through Friday. The Support Center's toll free number is US (800) 231-1412/Fax (713) 937-9349 — Canada (800) 527-1204.

You may also contact Toshiba by writing to:

Toshiba International Corporation

13131 West Little York Road

Houston, Texas 77041-9990

Attn: ASD Product Manager.

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network with other FLN devices.

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[Recording Equipment Toshiba APOGEE FLN APG001Z Function Manual](#)

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[DC Drives Toshiba APG001Z Instruction Manual](#)

Apogee fln option unit (15 pages)

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Programmable controller ascii interface module (66 pages)

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[Controller Toshiba GX9 Installation & Operation Manual](#)

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[Controller Toshiba RBC-AMS51E Quick Reference Manual](#)

Remote controller (17 pages)

Summary of Contents for Toshiba APG001Z

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APG001Z interface card has a built-in FLN communication driver and point database which allows the Q9 ASD to communicate over the APOGEE. The APG001Z is simple to install and is ideally suited for use in fan and pump control applications, and in similar equipment.