



**TRANE®**

# General Service Bulletin

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## Operator Interface Module Use on AFDD, AFDE and AFDF Starters

Order Number: CTV-SVB010A-EN

DATE: September 26, 2003

### Introduction

The purpose of this bulletin is to raise awareness of the need for a Operator Interface Module and cable when diagnosing service issues for Trane Frequency Drives. The action described in this bulletin is not being taken to address a safety concern.

**NOTICE:** Warnings and Cautions appear at appropriate sections throughout this literature. Read these carefully.

**⚠ WARNING:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

**⚠ CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

**CAUTION:** Indicates a situation that may result in equipment or property-damage only accidents.

### Discussion

To properly diagnose service issues for Adaptive Frequency™ drives for centrifugal chillers equipped with the Rockwell LF1.5 (AFDD) or LF2.0 (AFDE) starters, an Operator Interface Module (OIM) and special cable are required. These items are available from Trane with the following part numbers:

| Description                     | Trane Part Number |
|---------------------------------|-------------------|
| OIM (Operator Interface Module) | MOD01352          |
| Cable for OIM                   | CAB01034          |

## Additional Literature

For information on the use of the OIM in troubleshooting a drive fault, reference the following Rockwell publications:

| <b>Drive Model</b> | <b>Rockwell Instructions Manual</b> | <b>Internet Site for Manual</b>   |
|--------------------|-------------------------------------|---|
| LF1.5 (AFDD)       | D2-3495, Chapter 2                  | <a href="http://files.awdm.com/e-files/ra/raps/d2/d2-3495.pdf">http://files.awdm.com/e-files/ra/raps/d2/d2-3495.pdf</a> |
| LF2.0 (AFDE)       | D2-3496, Appendix B                 | <a href="http://files.awdm.com/e-files/ra/raps/d2/d2-3496.pdf">http://files.awdm.com/e-files/ra/raps/d2/d2-3496.pdf</a> |

## Questions

Contact the Product Technical Service department in La Crosse with questions regarding this Service Bulletin. They can be reached at [techservice@trane.com](mailto:techservice@trane.com) or 608-787-3943.



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|-------------------------|-----------------------------|
| Literature Order Number | CTV-SVB010A-EN              |
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| Supersedes              | New                         |
| Stocking Location       | Electronic Only             |

Trane has a policy of continuous product data and product improvement and reserves the right to change design and specifications without notice. Only qualified technicians should perform the installation and servicing of equipment referred to in this bulletin.