

Inverter Error Messages

Magnetek, Yaskawa and Baldor all utilize error codes to identify inverter problems. A full description of the codes can be found in the “Technical Manuals” provided with the respective drives. When troubleshooting these errors please consult the manuals.

For Magnetek or Yaskawa you can find the manuals on their web site, www.drivers.com, go to “Our Products” select the model number then look for the “Documentation: header.

Baldor currently does not have the manuals on their web site.

If the manual is not available, you can call Milnor Service for the descriptions of the error codes. We may be contacted on the web at service@milnor.com, by fax (504)-467-9777, or Monday through Friday, 8AM to 5PM Central Time at (504) 712-7780.

The following terms are typical errors encountered with inverters:

Magnetek Series

Error	Description	Repair action
PUF	DC Bus fuse blown	Fatal error Change the inverter
SC	Short Circuit output	Check motor and wiring
oL2	Drive overloaded	Check motor, Belt tension
Uu1	See Uv1	
Uv1	Low Voltage	Check incoming voltage
OC	Over Current	Check inverter programming Motor, Bearings, Belt tension
CPFO	Com Error	Display not correctly connected
oH1	Heat Sink Overheated	Clean heat sink, Check fans
oH2	see oH1	
GF	Ground Fault	Check motor output and wiring

Yaskawa

See Magnetek

Baldor

1 MIN	OverLoad Peak output current exceeded	Check motor and wiring
Bus	Undervoltage Low DC bus voltage detected	Check incoming voltage
HW Desaturation	High output current detected	Check motor, wiring, replace inverter

These are errors that we have encountered and are only a partial listing of all possible codes.

Dad 12/26/2002