

## Simplified VFD for ABB Units

### Operating Instructions:

The VFD will power up one (1) motor using a single phase generator. The VFD converts single phase to three phase and allows the motor to start at a reduced amp draw. The VFD will allow a motor to run at reduced HP when conditions dictate. This is accomplished by lowering the High Speed Hz. Setting the Hz to below 100%

The ABB VFD may come factory set to code DI5, if so you will need to change to run the unit correctly. To correct this you will need to use the menu button and use the up/down button to scroll down to parameters, then hit enter, scroll down using the up/down button to screen 16 (systems control) and select the parameter 1601 and hit the select button. It will say run enabled DI5, you will then hit the edit button and change to non sel, once you have done that you will hit save and then exit out to the main screen. You then can hit the hand button to start the equipment you are trying to run. Use the up/down button to set the Hz you desire, 60 Hz is 100% speed, you can also run at half speed which is 45 Hz. Do not run below 45 Hz.

**Note: Never make a VFD-Generator Connection unless line power has been isolated by removing the power meter.**

Link to ACQ550 ABB VFD User's Manual - <http://search-ext.abb.com/library/Download.aspx?DocumentID=3AUA0000145616&LanguageCode=en&DocumentPartId=&Action=Launch>

Technical Support Number – 1-800-435-7365



→ Menu, Enter, & Edit Button

→ Up & Down Buttons