

Wednesday, May 23, 2018

Attn: ASAs, REPs, and Rental customers

RE: Blower not ramping up to full frequency

Bulletin affects SMT and SACP Rental models. All units with ABB model variable frequency drives.

As a standard included option, all blowers on Smart Family rental units are provided with variable frequency drives. One such VFD brand is ABB.

On older model ABB brand VFDs on rare occasions the VFD will not ramp up to full frequency (60 HZ or more). In such cases, the VFD may only ramp up to a very lower frequency (such as 5 HZ).

In this case, it is recommended to check the VFD parameters (programming). Specifically, verify that the acceleration and deceleration time is 10 seconds.



Parameters:

2202 – acceleration time – verify 10 seconds

2203 – deceleration time – verify 10 seconds

In order to change the parameter:

- Hit the ENTER/MENU key on the VFD keypad (see photo).
 - Scroll up/down to PAR
 - Hit enter
 - Scroll up/down until 22
 - Hit enter
- Select 2202 or 2203, hit enter until SET is read on the value, change to 10 seconds
 - Hit EXIT until the keypad reads frequency

Sincerely,

Todd Uherick
Marketing Manager