# FAQ LOG.SET

1. **What is LOG.SET?**

   *A way to download up to 20 parameters faster from the heatpump/plant.*

2. *How fast does it go?*

   *Without LOG.SET it takes 2,1sec/parameter, with LOG.SET it takes 0,5sec for all 20 parameters.*

3. **Can you download more than 20 parameters?**

   *There is no limitation to the amount of parameters that can be download, but it takes longer time.*

4. **Can you use Modbus40 without LOG.SET?**

   *It is not neccessary to use LOG.SET, only a way to a faster download.*

5. **Do you have any tips on what parameters that we can use?**

   *Values that are updated fast. Outdoor temperature, heating curves or other values that have a slower update does not need to be in the LOG.SET. Alarms and some temperatures that you want to specially monitor should also be in the LOG.SET.*
   *If you do not have more than 20 parameters, everything can be in the LOG.SET.*

6. **Do the values need to be in a certain order?**

   *The values need to be in the same order as you want to read them. For example; if you have selected 20 values in your LOG.SET file and sets the first value Brine in, then the LOG.SET is read with the ID for Brine in (40015) plus 19 until the second values starts at 40016 regardless of the ID. I.e. we change the register for the upcoming 19 parameters. (NOTE! This applies only to the LOG.SET file. If no LOG.SET is read the original ID number of the parameter applies). If you have added a parameter without an order, as in the example below, it can be a problem if you read in another order:*

   *1. Brine in*
   *2. Outdoor temperature*
   *3. Brine out*
   *4. Degree minutes*

   *If you set to read parameter 1 + another one, it will show Brine in and the outdoor temperature. It will not read Brine in and Brine in once again, it will read in the order that the parameters are in the LOG.SET file. The parameters should be in the order that you want to have them displayed.*

7. **How do you install the LOG.set file in the heatpump/plant?**

   *Save the file on a USB memory stick and put it in the heatpump. The USB port is placed on the display, behind the lock with the model number. Remove the lock and put the USB in the heatpump, the USB icon will be shown in the display. Choose this USB menu and "logging" and after that you remove the USB from the heatpump. The LOG.set file is now activated.*

8. **What parameters are there?**

   *All parameters are in the program Modbus Manager, that can be downloaded free of charge on: http://www.nibe.eu/Partners/Ground-source-heat-pumps/NIBE-ModbusManager/*