

To upgrade the GOLD/COMPACT air handling unit by means of the MMC/SD card

1. General

The control unit in the GOLD/COMPACT is equipped with a connection for insertion of an MMC/SD storage card, i.e. a Multimedia card.

SD cards cannot be used for the GOLD RX/PX/CX/SD if the control unit is a Version 5.07 or of an earlier version. SD cards cannot be used for the COMPACT if the control unit is of Version 1.03 or of an earlier version.

When an MMC/SD card is connected to the control unit, the control system automatically searches to detect whether the program version in the card is newer than the one in the control system.

If it is, a display image will appear where the operator will have to confirm whether the system is to be upgraded.

The time it takes to upgrade the unit depends on how many files differ between the old program and the new program. This period may vary between one and ten minutes.

If air handling units with an early version in the hand-held micro terminal are upgraded, the display images may look different afterwards. Therefore, two options are shown for certain display images.

If Image 2a or 2b is shown, wait at least 10 minutes. If the image remains, switch off the power for 10 seconds. Then switch it back on again, to restart the control system.

2. Upgrade sequence

Check that the present settings in the air handling unit agree with those in the Commissioning Report or make a new note of them. For certain upgrades, involving substantial changes, it may be necessary to reinstate the original factory settings. This will reset any entered settings.

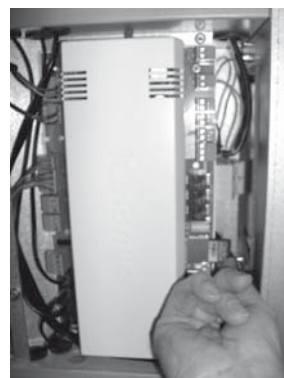
1 Stop the air handling unit. Wait until image 4 appears in the display on the hand-held micro terminal. Switch off the safety isolating switch..

2 Fit the MMC/SD card into the card reader, i.e. insert it, with the text side facing forward, into the slot on the right-hand side of the control unit. See Image 1. Switch on the safety isolating switch.

Image 1



GOLD
RX/PX/CX/SD



GOLD LP/
COMPACT

Image 2a

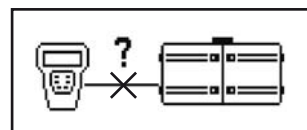


Bild 2b

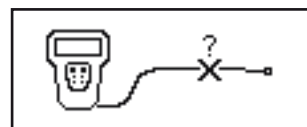


Image 3a

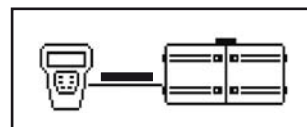


Image 3b



3 Wait for the control system to detect whether there is a new program in the MMC/SD card and to show the upgrade display image, see Image 5a or 5b.

(This will take about 1 minute if there are any new files, otherwise the image will not appear on the display screen.)

4 Press the Enter button on the hand-held micro terminal to confirm that the system is to be upgraded.

5 While the unit is being upgraded, the display image will switch to Image 6a or if the unit has an older program version to Image 6b. After about 10 seconds, Image 2b will appear on the screen.

6 If the unit has a newer program version, the display image will switch to Image 3a when the air handling unit reboots (reads the new program). For older program versions, Image 2b will also be shown here.

7 When upgrading a GOLD RX/PX/CX/SD, from Program Version 1.02 – 2.02 to Program Version 3.03 or later. The program will be transferred in two steps. When Image 4 reappears, wait until zero point calibration is completed and Image 5a or 5b is displayed again (about 3 minutes). Continue again from Item 3.

8 Isolate the current and remove the MMC/SD circuit card when image 7 is displayed. (If frequency inverters are used, GOLD RX/PX/CX/SD version C, and the DIP switch is set to the ON position, the current must be isolated for at least 1 minute after updating).

9 Follow the instructions received from OSS (Order Sales Support), or reset the unit to reinstate its Factory Settings so that all the parameters will be correct. Do this under Installation/Hand-held terminal/Basic Settings/Factory Settings. All the settings, except for the settings for communication and alarm priorities, will then return to the factory preset values.

(When upgrading a GOLD RX/PX/CX/SD to Program Version 3.03 or later, all the alarm priorities will be reset to the factory preset values.

10 Check or set the desired functions and set points.

11 Start the air handling unit in the desired operating mode.

Image 4



Image 5a



Image 5b

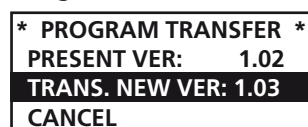


Image 6a

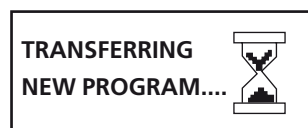


Image 6b

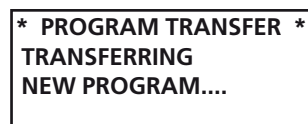


Image 7

