QUICK REFERENCE GUIDE



GEA Omni

Control



COPYRIGHT

All Rights reserved.

No part of this documentation may be copied or published by means of printing, photocopying, microfilm or otherwise without prior written consent of

GEA Refrigeration Germany GmbH

herein after referred to as the **manufacturer**. This restriction also applies to the drawings and diagrams contained in the documentation.

LEGAL NOTICE

This documentation has been written in all conscience. However, the manufacturer cannot be held responsible, neither for any errors occurring in this documentation nor for their consequences.

SYMBOLS USED

➢ Danger Stands for an immediate danger leading to severe physical injuries or death. ▷ Description for avoiding the danger. ➢ Warning! Stands for a potentially dangerous situation leading to severe physical injuries or death. ▷ Description for avoiding the dangerous situation. ➢ Caution! Stands for a potentially dangerous situation which could lead to minor physical injuries or damage to property. ▷ Description for avoiding the dangerous situation. Notice! Stands for important information that must be observed for the intended use and function of the product.

► Description of the required action for the intended function of the product.

TABLE OF CONTENTS

1	GEA Omni - QUICK REFERENCE GUIDE (QRG)	7
1.1	Start-up Steps	7
1.2	Program update and program backup	7
1.2.1	Program update	8
1.2.2	Program backup	8
1.3	Configuration update and configuration backup	9
1.3.1	Configuration update	9
1.3.2	Configuration backup	9
1.4	Backup historical data	10
1.5	GEA OmniHistorian	11
1.6	GEA OmniLink	14

1 GEA Omni - QUICK REFERENCE GUIDE (QRG)

1.1 Start-up Steps

Notice!

The steps described in this document will help you to commission a product controlled by a GEA Omni control panel.

► Depending on the product there might be other steps required as well or the order might differ.

▲ Caution!

Read all corresponding instructions and documents before commissioning the product!The documentation is an integral part of the product documentation.

🛕 Danger

Follow the local safety regulations!

► Always pay attention to your own safety and the safety of others while working on the products.

► It is imperative to strictly observe the instructions and information given!

- 1. Check the state of the control. If no problems exist turn on the control.
- 2. Login as Service or by using your own user profiles created for start up.
- 3. Check if updates are needed and update the control panel in the following order:
 - Program (GEA Omni.oprg)
 - Configuration (*.oconfig)
 - Parameter (*.oprms)

Before updating a control make a backup of the program, configuration and parameter file.

- 4. **Repower**the control panel to make sure that the new configuration is activated correctly.
- 5. Check configuration, scaling and parameters (important: motor current sensor).

The Panel Data Report replaces the former Parameter list.

- 6. Check the connections to and from BMS control system.
- 7. Check rotation direction of compressor and if applicable oil pump motors (switch on manually).
- 8. Start compressor: manual automatic remote (if applicable).
- 9. Setup screen time out.
- 10. Instruct operators / customer.
- 11. Setup users and remove users installed for start-up.
- 12. Backup files and fill out service reports etc.
- 13. Finish start-up once the compressor is running fine by pressing the **Move start-up files** button in the **Service** menu Touch Panel

1.2 Program update and program backup

1.2.1 Program update

- 1. The program update may reside on a USB stick, be backed up directly on the panel or, if an Internet connection is available, be obtained from the Internet.
- 2. Select File manager Program and the screen below will appear:



- 3. Select the program version to update in the table.
- 4. Then press Update.

1.2.2 Program backup

1. The currently installed and selected program version is backed up regardless of the selection in the table:



2. Press the upper **Backup** button to back up the program to a USB stick plugged in. Or press the lower **Backup** button to back up the program locally to the panel.

1.3 Configuration update and configuration backup

1.3.1 Configuration update

- 1. The configuration may reside on a USB stick or be backed up directly to the panel.
- 2. Select **File manager Program** and the screen below will appear:

Compressor	Support Files	Documents	Program	🛅 Apps		
ConniNet	Update/Backup	Software				
Energy Saver	Overwrite or Backup cu		gram Program Ve			
History			Version		Update	Backup
	IPC Downlo	ad Folder	1.4.99			
				4	Download Update	Backup
Service						
File Manager						
File Manager						
File Manager Configuration Panel Settings	Update/Backup	Configuration				
File Manager Configuration Panel Settings Panel Info	Update/Backup Overwrite or Backup cur	Configuration rently installed version of the cor	figuration Configuration	n Version 1.1		
	Update/Backup Overwrite or Backup cur Project Nur	Configuration rently installed version of the cor mber	rifguration Configuration Version 2 3) Version 1.1	_ Update	Васкир
File Manager Configuration Panel Settings Panel Info Simulation	Update/Backup Overwrite or Backup cur Project Nur 92817800-0 9375115-01	Configuration rently installed version of the cor nber 1	nfguration Configuration Version 2.3 1.16	Version 1.1	Update	Backup
File Manager Configuration Panel Settings Panel Info Simulation	Update/Backup Overwrite or Backup cur Project Nus 92817800-0 9375115-01	Configuration rently installed version of the cor mber 1	nfguration Configuration Version 2.3 1,16	Version 1.1	Update Delete	Backup
File Manager Configuration Panel Settings Panel Info Simulation	Update/Backup Overwrite or Backup cur Project Nur 92817800-0 9375115-01	Configuration rently installed version of the cor mber 1	nfiguration Configuration Version 2.3 1.16	Version 1.1	Update Delete	Backup Backup
File Manager Configuration Panel Settings Panel Info Simulation	Update/Backup Overwrite or Backup cur Project Nur 92817800-0 9375115-01	Configuration rrently installed version of the cor nber 1	nfguration Configuration Version 2.3 1.16	Version 1.1	Delete	Backup Backup
File Manager Configuration Panel Settings Panel Info Simulation	Update/Backup Overwrite or Backup cut Project Nur 92817800-0 9375115-01	Configuration rently installed version of the cor nber 1	nfguration Configuration Version 2.3 1.16	Version 1.1) Update Delete	Backup Backup Backup

- 3. Select the desired configuration in the table.
- 4. Then press Update.

1.3.2 Configuration backup

1. The currently installed and selected configuration is backed up regardless of the selection in the table:

Update/ ^{Overwrite}	/Backup Configuration or Backup currently installed version of the configuration	ſ	Configuration V	ersion 1.1	Î	1		
	Project Number	Version	n			11-2-2-2-	-	Deal -
	92817800-01		2.3			Update	-	Васкир
-	9375115-01		1.16		<u> </u>			
					Ш	Delete		Backup

2. Press the upper **Backup** button to back up the configuration to a USB stick plugged in. Or press the lower **Backup** button to back up the configuration locally to the panel.

1.4 Backup historical data

The steps described in this document will help you to make a backup of the historical data on a GEA Omni control.

- 1. Plug a USB stick into the USB adapter.
- 2. Select File manager Additional files and the following screen will open:



3. Select the period of the data. The following periods are possible:



- 4. Press the Backupfor the GEA OmniLink app
- 5. The data is stored on the USB stick at the following location and can be sent by e-mail.

Computer +	Removable Disk (E:) ► GEA RT ► 00000-000-000-00 ▼ 4y Search 00000-000-000-000-000-000-000-000-000-	·0-00-00 🔎
Organize 🔻 Share with 🔻	New folder	··· ·
🔆 Favorites	Name Date modified Type	Size
🧮 Desktop	00000-000-0-00_20-2-2017.ohist 20-2-2017 7:28 ohist	5.288 KB
\rm Downloads		

1.5 GEA OmniHistorian

The steps described in this document will help you to install Historian on your laptop or on the end customer's computer.

- 1. Plug a USB stick into the USB adapter.
- 2. Select File manager Apps and the following screen will open:



- 3. Press the Backupfor the GEA OmniLink app
- 4. The program is stored on the USB stick at the following location and can be installed on a com-puter without the need of administration rights.

Computer + I	Remov	able Disk (E:)	✓ 4→ Search Removable Disk (E:)			
Organize 🔻 Share with 👻	Ne	w folder		8==	• 🔟 🔞	
🧮 Desktop	*	Name	Date modified	Туре	Size	
\rm Downloads 🕮 Recent Places		🚰 GEA RT Historian Setup.exe	20-2-2017 7:17	Application	54.257 KB	

- 5. Plug the USB stick into the computer where OmniHistorian is to be installed.
- 6. Double click on the **GEA RT Historian Setup**for the GEA OmniLink app

7. The following installation screen will appear:



- 8. Press on Installfor the GEA OmniLink app
- 9. Press on **Close**to complete the installation.
- 10. The following screen will appear. This is no problem but shows that the program will be instal-led correctly.



11. The program is installed at the following location of your computer.



12. A new icon will be added on your desktop. Double-click on the icon and the OmniHistorian will start.



1.6 GEA OmniLink

The steps described in this document will help you to install OmniLink on your laptop or the end customer's computer.

- 1. Plug a USB stick into the USB adapter.
- 2. Select File manager Apps and the following screen will open:



- 3. Press Backupfor the GEA OmniLink app
- 4. The program is stored on the USB stick at the following location and can be installed on a com-puter without the need of administration rights.

G v ker	 ✓ ✓ Search Removable Disk (E;) 			
Organize 🔻 Share with 💌	New folder			
🧮 Desktop	* Name	Date modified	Туре	Size
🐞 Downloads 🗐 Recent Places	GEA RT OmniLink Setup.exe	20-2-2017 8:07	Application	54.197 KB

- 5. Plug the USB stick into the computer where OmniLink is to be installed.
- 6. Double click on the GEA RT OmniLink setupfor the GEA OmniLink app

7. The following installation screen will appear:



- 8. Press on Installfor the GEA OmniLink app
- 9. Press on **Close**to complete the installation.
- 10. The following screen will appear. This is no error but indicates that the program will be installed correctly.



11. A new icon will be added on your desktop. Double-click on the icon and the OmniLink will start.



GEA Refrigeration Germany GmbH Holzhauser Str. 165 13509 Berlin , Germany

Phone +49 30 43592-600

Copyright © GEA Refrigeration - All rights reserved - Subject to modifications.