DEHACO

User Manual installation

BULK AIR CLOUD

Bulk_Air_CLOUD
2019-07_v1.1_EN

INTRODUCTION

Thank you for buying a Bulk Air negative pressure monitor. For an optimum product experience, you can use our cloud service.

Do you already own a Bulk Air? As of software version 2.10, it is possible to use your Bulk Air in the cloud. Please contact our service department for the update.

Our cloud service works via a web browser and is accessible via the following systems:
Windows, Android, Linux, macOS and iOS.

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1. PLACING THE SIM CARD IN THE BULK AIR

In order to be able to send data to the cloud, the Bulk Air negative pressure monitor requires a sim card. This sim card only requires a data bundle, but a combined data/calling sim card is also possible.

A normal size sim card will fit in the Bulk Air.

It is important that this sim card does not contain a login code. If the sim card does have a login code, please remove it before placing the card in the Bulk Air.

Warning: Before removing the screws at the rear, the monitor must be switched off and disconnected from the power supply

First remove the cover plate of the SD card. For this you remove the four pozidrive screws that are used to fasten the cover panel.

Insert the registered sim card in the sim card holder next to the SD card holder. Carefully push in the entire sim card.

When the sim card is in its place, fasten the cover plate for the SD card back in its place using the four pozidrive screws.

2. SETTING UP THE BULK AIR FOR THE CLOUD

Now that the sim card is in the Bulk Air, you can switch on the Bulk Air.
In order to be able to make contact with the internet, the APN (Access Point Name) data must be entered. These data differ per provider and the most common can be found below.
Go to the main menu of the Bulk Air and go to the following option to enter your provider data.

- o APN Domain
- o APN Username
- o APN Password

KPN	
Domain	**Internet**
User name	**Empty**
Password	**Empty**

Vodafone	
Domain	**live.vodafone.com**
User name	**vodafone**
Password	**vodafone**

T-mobile	
Domain	**t-mobile**
User name	**Empty**
Password	**Empty**

Tele2	
Domain	**internet.tele2.nl**
User name	**Empty**
Password	**Empty**

Telfort	
Domain	**Internet**
User name	**Empty**
Password	**Empty**

Simyo	
Domain	**Internet**
User name	**KPN**
Password	**GPRS**

Simpel	
Domain	**Internet.access.nl**
User name	**Empty**
Password	**Empty**

3. BULK AIR SYSTEM SETTINGS

Most of the actions take place via the cloud, but there are also settings that are made via the Bulk Air itself.

Time
The time registered on the cloud, is the set time of the Bulk Air. You can change the time via the main menu.

Low alarm
The low alarm is the set low alarm of the Bulk Air. In the menu of the required channel, you can set this value.

High alarm
The high alarm is the set high alarm of the Bulk Air. In the menu of the required channel, you can set this value.

In the cloud you can register your e-mail address per product, to check the status of your monitor per mail. The mail settings can only be changed via the Bulk Air.

Connect your Bulk Air to the computer via the USB cable and open the removable drive named Bulk Air via the computer. In this folder you will find the file named “setting.txt”. Open this file for the following settings:

COMMS_DELAY
This function is the delay when a mail is sent. At 120, an error message should last 120 seconds before a mail is sent. Here, you can enter the required value from 0 to maximum 240.

COMMS_REPORT
This function determines at what time the status e-mail will be sent. This mail tells you that the Bulk Air is operational. 0 stands for no mail and 22 stands for 22:00 hours (10 pm).

COMMS_START & END These functions are used to indicate the period when you want to receive messages. Here, the numbers represent hours. At start:6 and end:16, you will get messages between 6 am and 16:00 hours (4 pm). If both have the same value, you will get messages 24 hours per day.

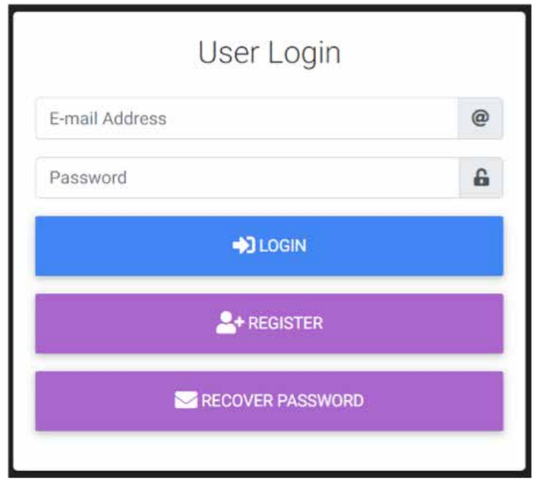
4. CREATING AN ACCOUNT

In your browser, go to
www.bulkair.co.uk/cloud/index.php?supplier=dehaco
to create your account.

Click on “Register” to create your account and enter the following data:

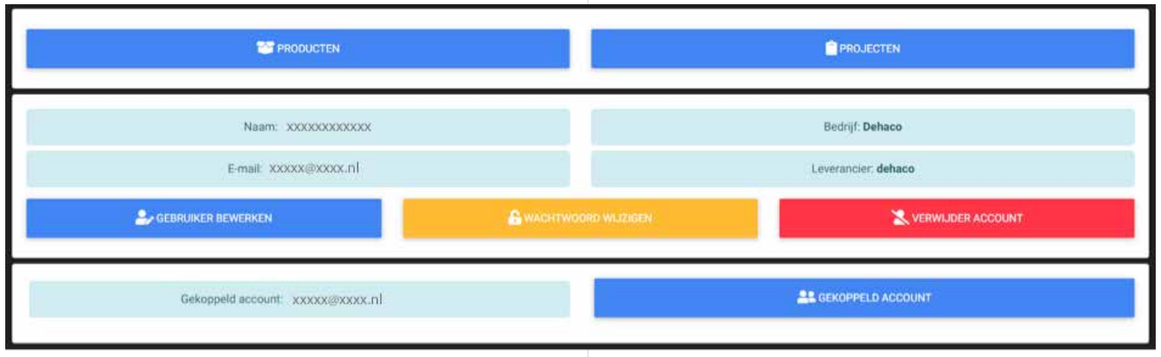
- First name
- Surname
- Company name
- E-mail address
- Password
- Repeat password
- Language

Now you can login on the cloud.



5. START SCREEN

When opening the cloud, you can see the start screen with an overview of products, projects, account data and linked account. All topics are discussed below.



6. PRODUCTS

If you click on “Products” in the start screen, you will see an overview of all products connected to the cloud. This screen contains the following functions:

- Add product
- Remove product
- Product overview
- View current data in a diagram
- Enter alarm e-mail address per monitor
- Download information in PDF and Excel

6.1 Add product

To add a Bulk Air to the cloud, click on “Add product”. In the new window, you can enter the serial number of your product. The product code can be found in the main menu of the Bulk Air, under the name cloud key.

Select Bulk Air PM for negative pressure monitor and click on Add product.
Now you can find the monitor in the cloud! If the monitor is installed with a sim card and is switched on, the cloud will now receive the data. After 5 minutes all data have been retrieved and you can start working with them.

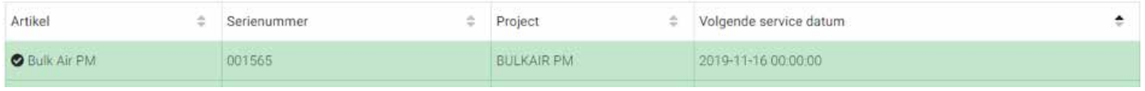
6.2 Remove product

Do you no longer require a product and its data? In that case, you can remove it from the cloud by clicking on “Remove product”.

Enter the serial number of the product you want to remove and select the type of product. If you are certain that you want to remove this product, you can click on Remove product, after which it is removed from your overview.

6.3 Product overview

This list contains all added products with their serial numbers, the current project and the next service date.



The status of a product is translated into the colour of the line. Below you can find an overview of the meanings of these colours:

Green The product is properly connected and the inspection is valid for more than 30 days

Orange The product is properly connected and the inspection is valid for less than 30 days

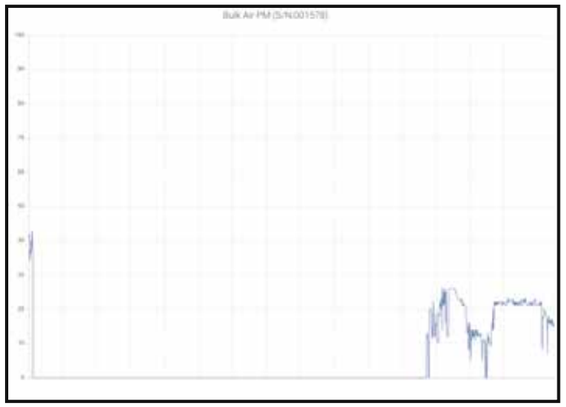
Red The product is properly connected, but the inspection has expired; no more data are being recorded

Grey The product is not properly connected
You can use the search function in this list and browse when you have more than 10 products.

6.4 View current data in a diagram

Of the product selected in the list, you can see the current data in the diagram to the right.

Do you want to look back in time? This is possible by changing the period at the bottom of the page and clicking on overview.



6.5 Enter alarm e-mail address per Bulk Air

Do you always want to stay informed of messages from your Bulk Air if you are not on site? For each Bulk Air you are able to enter 2 e-mail addresses. Select a Bulk Air in the overview and enter the e-mail addresses for that machine.

When the lower or upper limit is exceeded, these e-mail addresses will get a message per mail.

6.6 Download data in PDF and Excel

The data in the diagram can be downloaded in PDF and Excel. At the top of the diagram there are the options “Data” for the Excel sheet and “Diagram” for the PDF file.

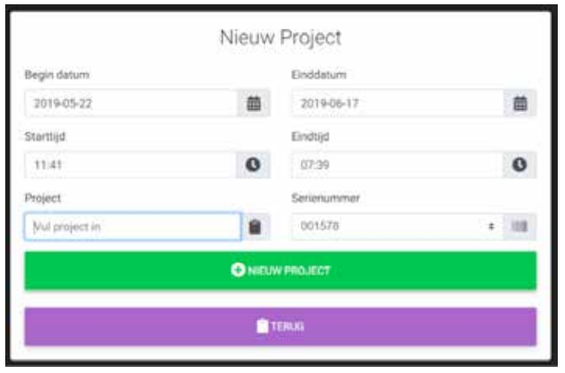
7. PROJECTS

If you click on “Projects” in the start screen, you will enter the project overview. This screen has the following functions:

- New project
- Edit project
- Remove project
- Project overview
- View data in a diagram
- Download data in PDF or Excel

7.1 New project

At the bottom of the page you will find the function for creating a project. If you create a project, you can find your data easily and quickly. Click on New project to create one.



In order to create a project you set the period, select the serial number of the Bulk Air on that project and enter your characteristic. Once everything has been entered, click on New project and the new project is created.

7.2 Edit project

If a project is running longer than expected, or if you want to change the characteristic of the project, this can be done with the “Edit project” function. Select the project to be edited in the project overview. Then click on Edit project and you will see all data of the selected project in the screen below.

Adapt the required data and click on Edit project to save the new data.

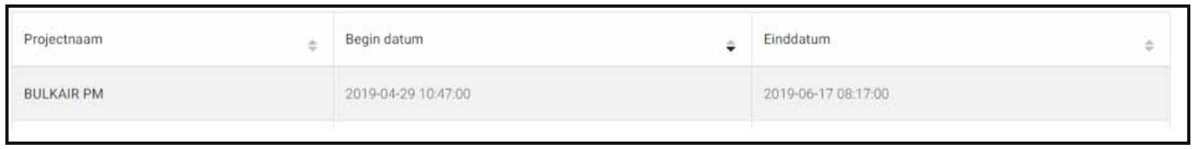
7.3 Remove project

If you created a project that had to be cancelled, you can remove this project with the function “Remove project“. Select the project to be removed in the overview and click on Remove project.

The opened screen shows the data of the project you want to remove. If this corresponds with the project to be removed, click on Remove project and it will disappear from your overview.

7.4 Project overview

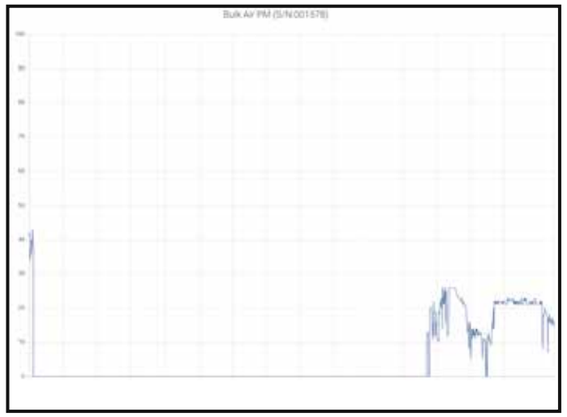
The project overview shows all projects that have been recorded. The list shows the project name, start date and end date.



By means of the search function you can easily find your project or browse through the lists.

7.5 View data in a diagram

Of the project selected in the list, you can see the data in the diagram to the right.



Do you want to look back in time? This is possible by changing the period at the bottom of the page and clicking on overview.

7.6 Download data in PDF or Excel

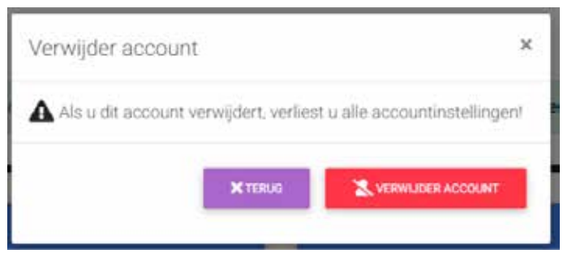
The data in the diagram can be downloaded in PDF and Excel. At the top of the diagram there are the options “Data” for the Excel sheet and “Diagram” for the PDF file.

8. CHANGING AN ACCOUNT

If you want to change your account data, you can do this in the start screen. Click on “Edit user” and you are able to adjust your default data.

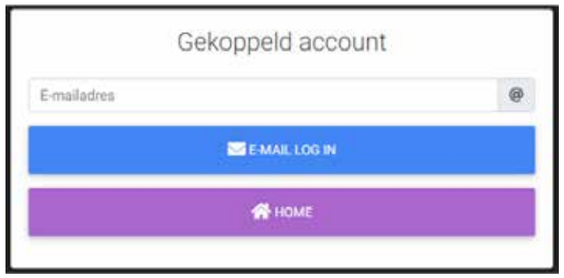
If you want to change your password, you can do this from the start screen via the function “Change password”.

If you want to remove your account, you can do this via the start screen by using the function “Remove account”. Do note that you will lose all your data as a result.

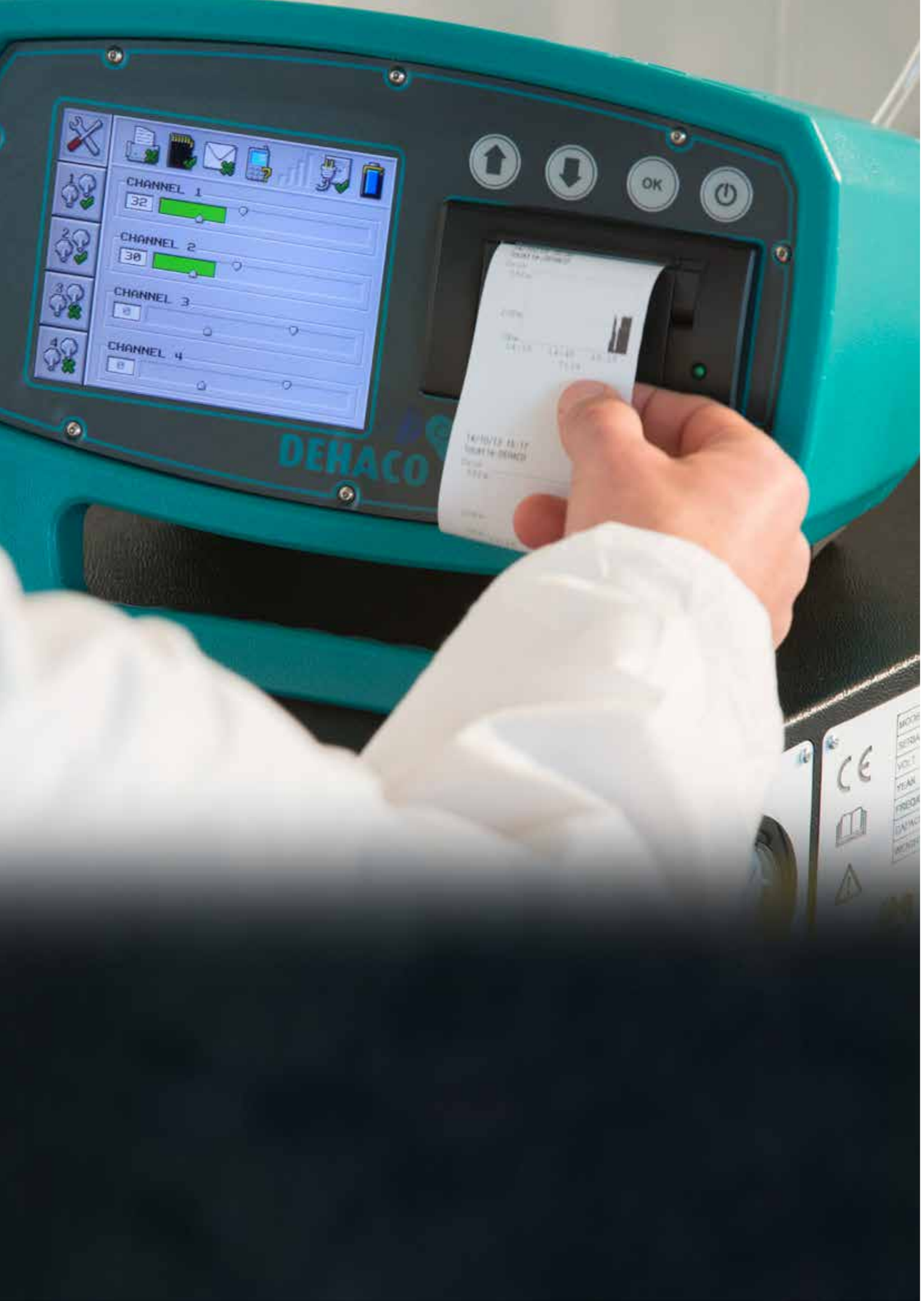


9. LINKED ACCOUNT

If you have several users on your cloud, it is understandable that you do not want everyone to be able to get into the main account, because the functions Remove account and Remove project are available.
In the start screen, you will find the function “Linked account”. This allows you to create an account that is linked to your main account, but which can only be read. Only the functions Create project and Edit project are available in the linked account.
In order to activate the linked account, click on the function in the start screen and enter the required e-mail address for the account.



Click on E-MAIL LOG IN to activate the account. Now a mail has been sent to the e-mail address with the login data that you can use to log in.
It is possible to create one linked account, but it can be used by several users at the same time.



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