

*Royal Exclusiv pumps & skimmers*

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*Since 1986*



## User guide for network-configuration Red Dragon® 4 pumps

For all Red Dragon® 4 Dreamliner and Superflow pumps 500, 800, 1100, 1600 Watt

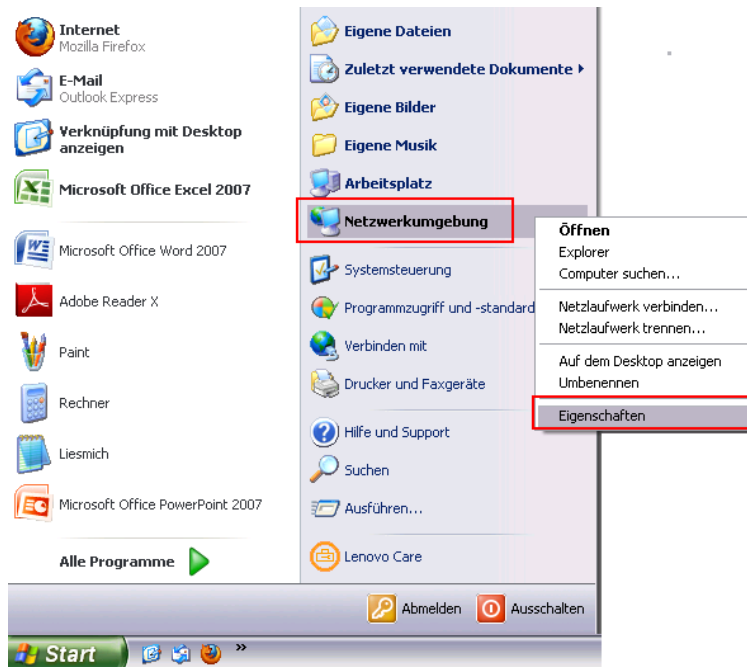
v2.0

**ENG**

XP | Win7 | MAC

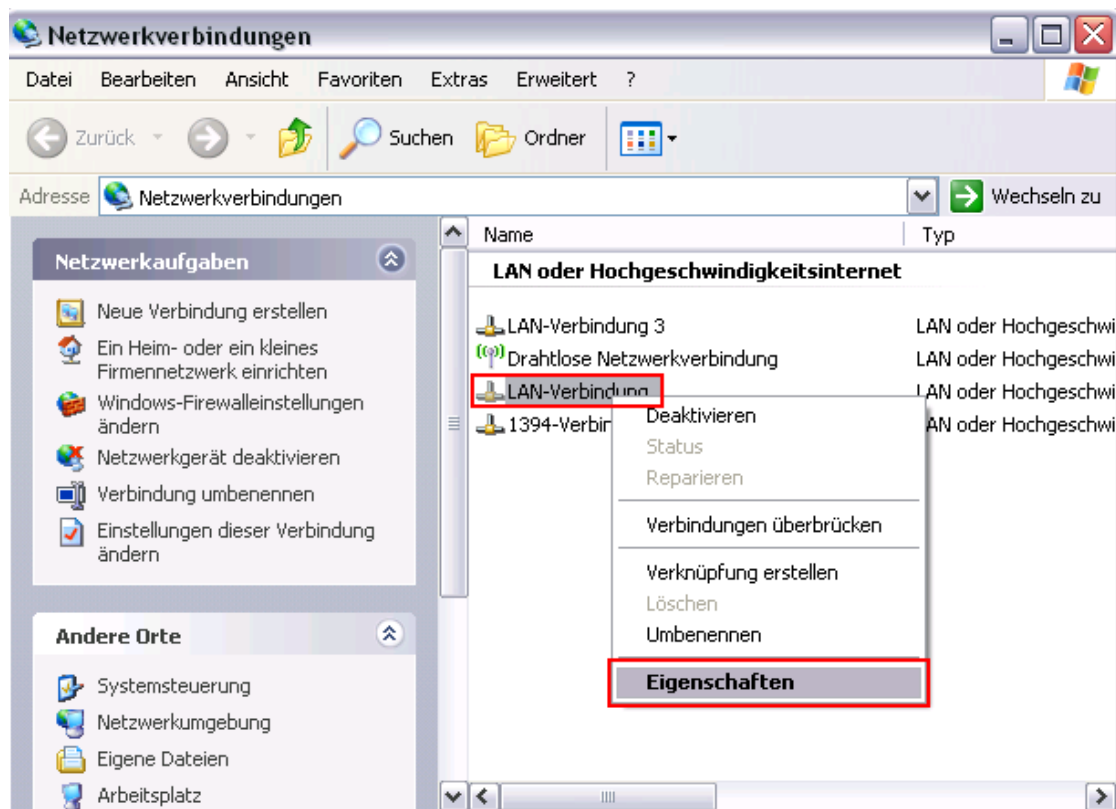


## Connection of the RD4 pump using Windows XP



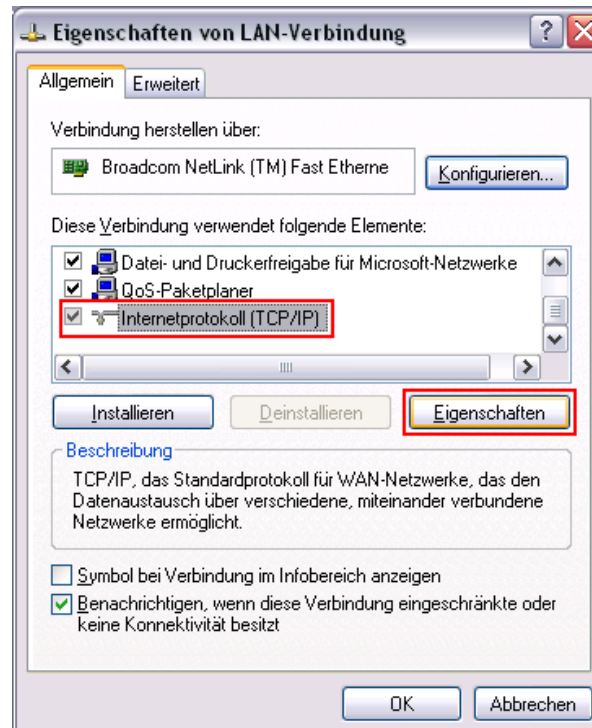
**Step 1:** Open “Windows Start Menu” and do a right click on “Network environment”. Select “Properties”.

**Step 2:** Navigate to “LAN Connection” and open a navigation bar by right clicking. Select „Properties”.



**Step 3:** Navigate to “Internet Protocol (TCP/IP)” and click on “Properties”.

XP



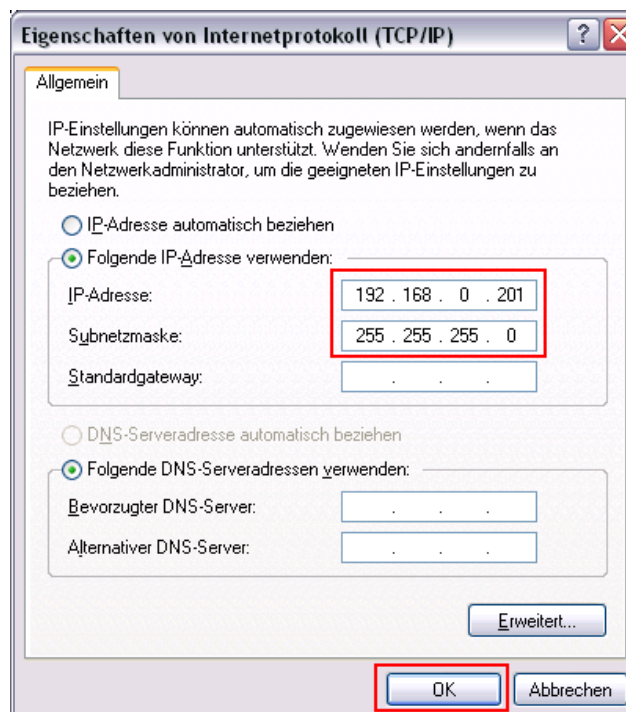
**Step 4:** Tick “Use the following IP address” and type in the following data:

**IP address:** 192. 168. 0. 201

**Subnet mask:**

255. 255. 255. 0

Confirm your settings by clicking “OK”.





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XP

Step 5:

Plug the **Ethernet cable** of the pump into the PC input.

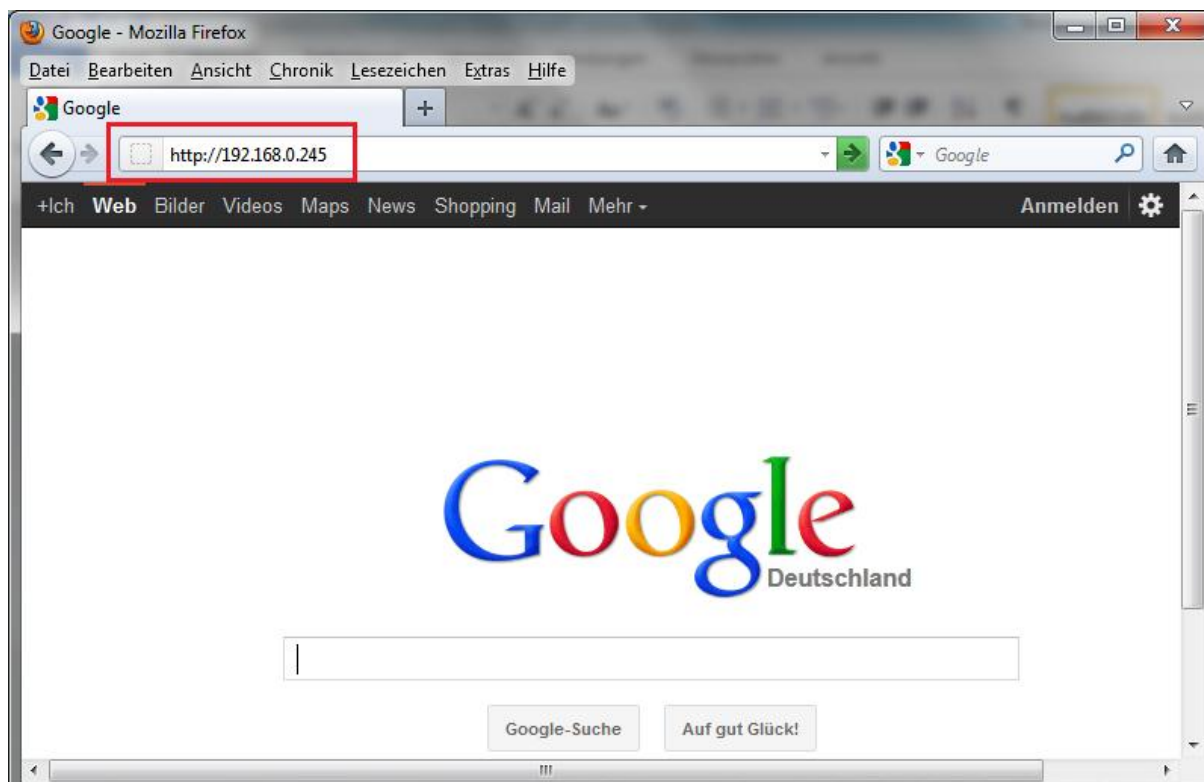


Connect plug of pump to the socket.

If you connected these both small steps rightly, the **blue LED light** of the pump is blinking. This is the sign for Stand-By



Step 6: Open your web browser (Internet explorer/ Mozilla / Safari) and type in the following URL: <http://192.168.0.245> (or: <http://192.168.0.245/index.htm> ). After you typed in the URL confirm with **enter key**.



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All information subject to change. We try our best, but printing errors reserved.



Step 7: You're connected with RD4 pump now. The internet **page refreshes every 3 seconds**. Between the brackets you're able to see your **maximal values** as adjusted.

For adjusting these maximal values please navigate to **"Adjust"** at beginning of the page.

**"RED DEVIL 500W" pump**

Pump: **Adjust** Network Log

**Status:**

Parameter: Value (limit)

Operation:

Power consumption: 1 W (50 W)  
Grid current: 0.02 A (6.0 A)  
RPM: 0 /min (0 /min)  
Estimated head: 0.0 m (4.0 m)  
Estimated flow: 0.0 m<sup>3</sup>/h  
Estimated efficiency: 0 %

Temperature:

Motor: OK  
Heatsink: 29 °C (90 °C)

Statistics:

Operating hours: 0 h  
Restart counter: 28  
Energy consumed: 0 kWh

Control:

Digital inputs: 1(run), 0(max)  
Relay status: 0(error)

sw: 0.9  
web: 2010  
royal-exclusiv/js

Step 8: Fill in your requested values and confirm by clicking **"Save"** at bottom of the page.

**Regulation settings:**

Limit head (Hmax) to: 4.0 m(h2o)  
Hmax proportional to Q: 0 %  
Limit rpm to: 0 /min  
Limit power to: 50 W  
Limit grid current to: 6.0 A  
Limit heatsink temperature to: 90 °C

Switch on the relay when: error

Input I1 is: run  
Input I2 is: max

**Save** Test Restore



### Set up your own network settings

If you like to configurate the network settings click on **"Network"**.

## "RD50" pump

Pump-> Adjust **Network** Log

Now you're able to adapt the settings of the pump to your own network. Confirm your changes by clicking **„Save“**.

## "RD50" pump

Pump	Network->Help	Log
<b>Network connection settings:</b>		
Pump IP address: 192.168.0.245		
Subnet mask: 255.255.0.0		
Default gateway: 192.168.0.1		
NetBIOS name: RD50		
Twin mode with IP: 0.0.0.1		
<input type="button" value="(!) Save"/> <input type="button" value="Test"/> <input type="button" value="Restore"/>		

After you have configured your network-settings please connect the pump to your network. There are two options:

- Connect RD4-pump with a powerline-network d-Lan-adapter (for example DEVOLO, FRITZ or similar) to your network.
- Connect RD4-pump through a WLAN-router to your network.

### Access to your RD4-pump with iphone/ipad or android mobile phone:

If you connect the pump to your network as described above you are also able to see the status of the pump on iphone/ipad or android mobile phone. For this option please open your browser on your mobile phone and enter your Network-address, for example: <http://192.168.0.245> or <http://192.168.0.245/index.htm>

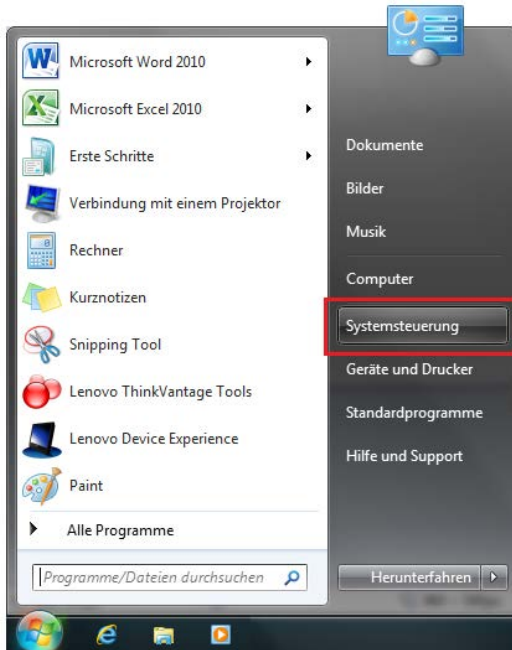


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## Connection of the RD4 pump using Windows Vista / Windows 7

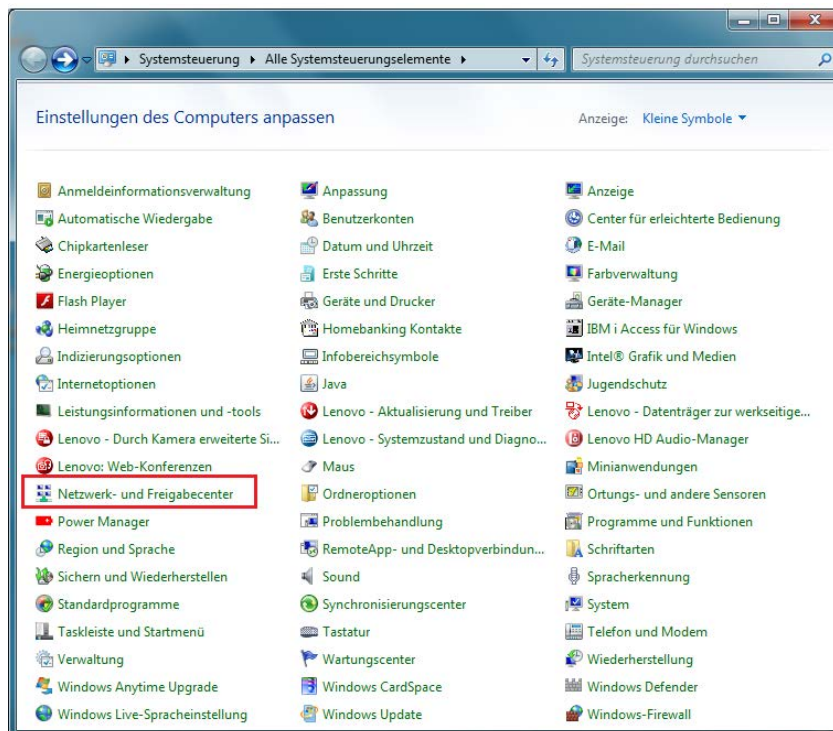
Win7



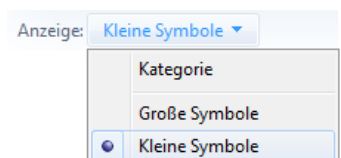
### Step 1:

Choose **“Control Panel”** from the **“Windows Start Menu”**.

Step 2: Select **“Network Center”** at the control panel.



Please note: If you're not able to see the screen below, another setting at your computer is configured. To change the view click on the top right corner **“Display”** and select **“Small Symbols”**.

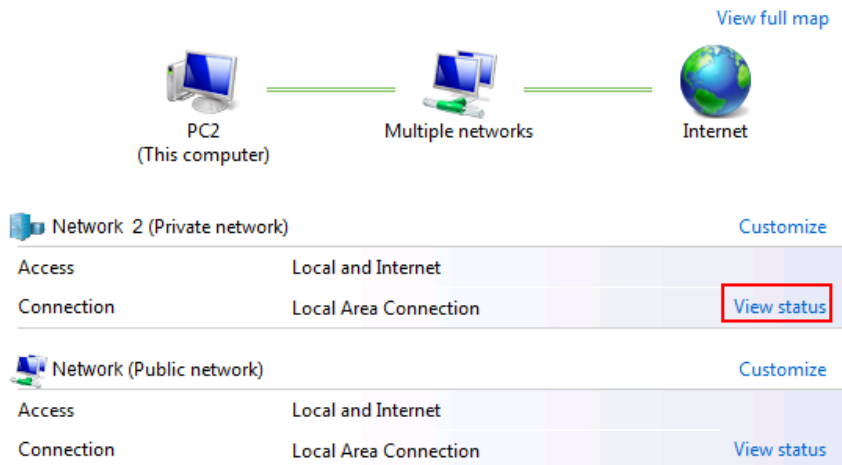


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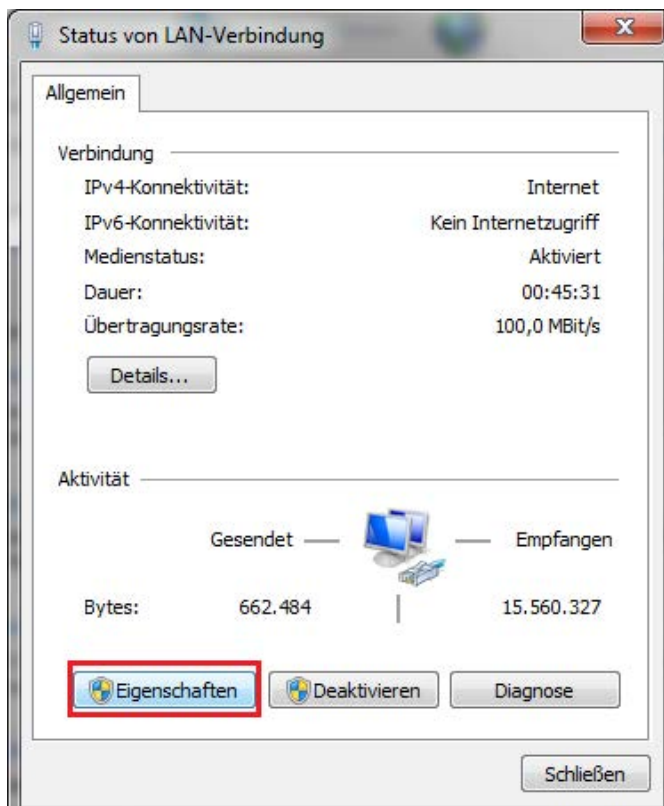
All information subject to change. We try our best, but printing errors reserved.

Step 3: Click on **“View status”**.

#### Network and Sharing Center



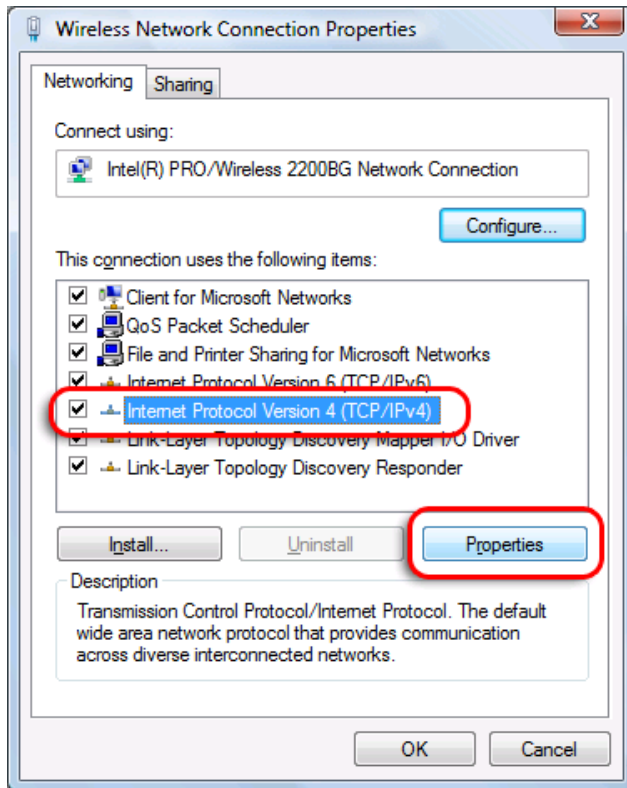
Step 4: Click on **„Properties“**.





**Step 5:** Select „Internet Protocol Version 4 (TCP/IPv4)“ and click on “Properties”.

**Win7**

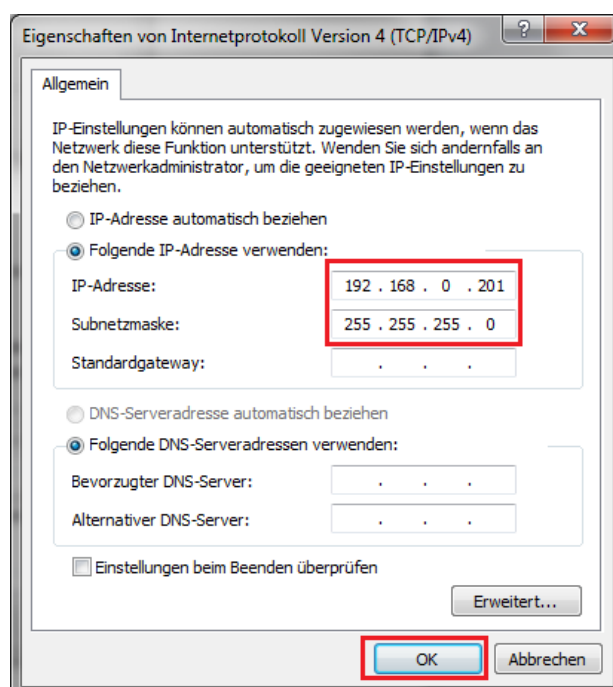


**Step 6:** Tick „Use the following IP address“ and type in the following data:

**IP address:** 192. 168. 0. 201

**Subnet mask:** 255. 255. 255. 0

Confirm your settings by clicking “OK”.





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Win7

Step 7:

Plug the **Ethernet cable** of the pump into the PC input.

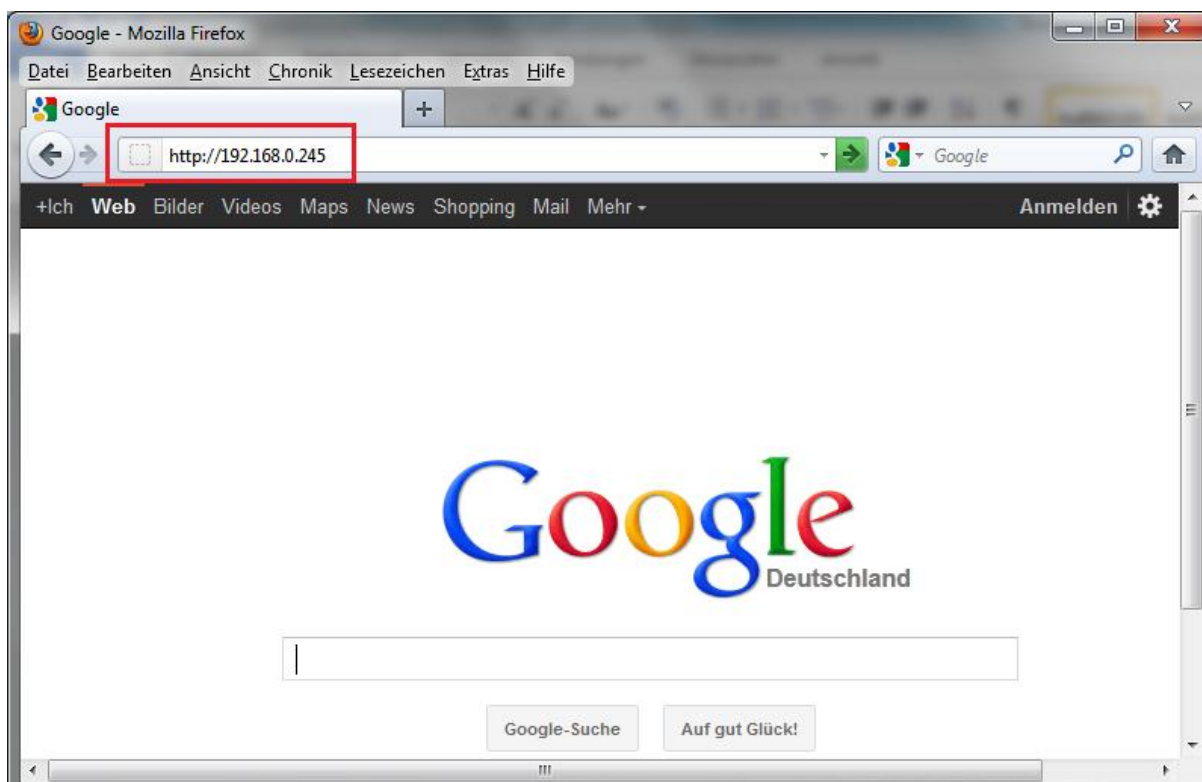


Connect plug of pump to the socket.

If you connected these both small steps rightly, the **blue LED light** of the pump is blinking. This is the sign for Stand-By



Step 8: Open your web browser (Internet explorer/ Mozilla / Safari) and type in the following URL: <http://192.168.0.245> (or: <http://192.168.0.245/index.htm> ). After you typed in the URL confirm with **enter key**.



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Step 9: You're connected with RD4 pump now. The internet **page refreshes every 3 seconds**. Between the brackets you're able to see your **maximal values** as adjusted.

For adjusting these maximal values please navigate to **"Adjust"** at beginning of the page.

http://192.168.0.245

## "RED DEVIL 500W" pump

Pump **Adjust** Network Log

**Status:**

Parameter:	Value (limit)
<b>Operation:</b>	
Power consumption:	1 W (50 W)
Grid current:	0.02 A (6.0 A)
RPM:	0 /min (0 /min)
Estimated head:	0.0 m (4.0 m)
Estimated flow:	0.0 m <sup>3</sup> /h
Estimated efficiency:	0 %
<b>Temperature:</b>	
Motor:	OK
Heatsink:	29 °C (90 °C)
<b>Statistics:</b>	
Operating hours:	0 h
Restart counter:	28
Energy consumed:	0 kWh
<b>Control:</b>	
Digital inputs:	1(run), 0(max)
Relay status:	0(error)

sw: 0.9  
web: 2010  
royal-exclusiv.js

Step 10: Fill in your requested values and confirm by clicking **"Save"** at bottom of the page.

http://192.168.0.245

### Regulation settings:

Limit head (Hmax) to: 4.0 m(h<sub>2</sub>O)

Hmax proportional to Q: 0 %

Limit rpm to: 0 /min

Limit power to: 50 W

Limit grid current to: 6.0 A

Limit heatsink temperature to: 90 °C

Switch on the relay when: error

Input I1 is: run

Input I2 is: max

**Save** Test Restore

### Set up your own network settings

If you like to configure the network settings click on **"Network"**.

## "RD50" pump

Pump-> Adjust **Network** Log

Now you're able to adapt the settings of the pump to your own network. Confirm your changes by clicking **„Save“**.

## "RD50" pump

Pump	Network->Help	Log
<b>Network connection settings:</b>		
Pump IP address: 192.168.0.245		
Subnet mask: 255.255.0.0		
Default gateway: 192.168.0.1		
NetBIOS name: RD50		
Twin mode with IP: 0.0.0.1		
<input type="button" value="(!) Save"/> <input type="button" value="Test"/> <input type="button" value="Restore"/>		

After you have configured your network-settings please connect the pump to your network. There are two options:

- Connect RD4-pump with a powerline-network d-Lan-adapter (for example DEVOLO, FRITZ or similar) to your network.
- Connect RD4-pump through a WLAN-router to your network.

### Access to your RD4-pump with iphone/ipad or android mobile phone:

If you connect the pump to your network as described above you are also able to see the status of the pump on iphone/ipad or android mobile phone. For this option please open your browser on your mobile phone and enter your Network-address, for example: <http://192.168.0.245> or <http://192.168.0.245/index.htm>

## Connection of the RD4 pump using MAC (Apple)

MAC

Step 1: Open your web browser (Safari) and **deselect Wi-Fi connection.**



Step 2:

Plug the **Ethernet cable** of the pump into the PC input.



Connect plug of pump to the socket.

If you connected these both small steps rightly, the **blue LED light** of the pump is blinking. This is the sign for Stand-By

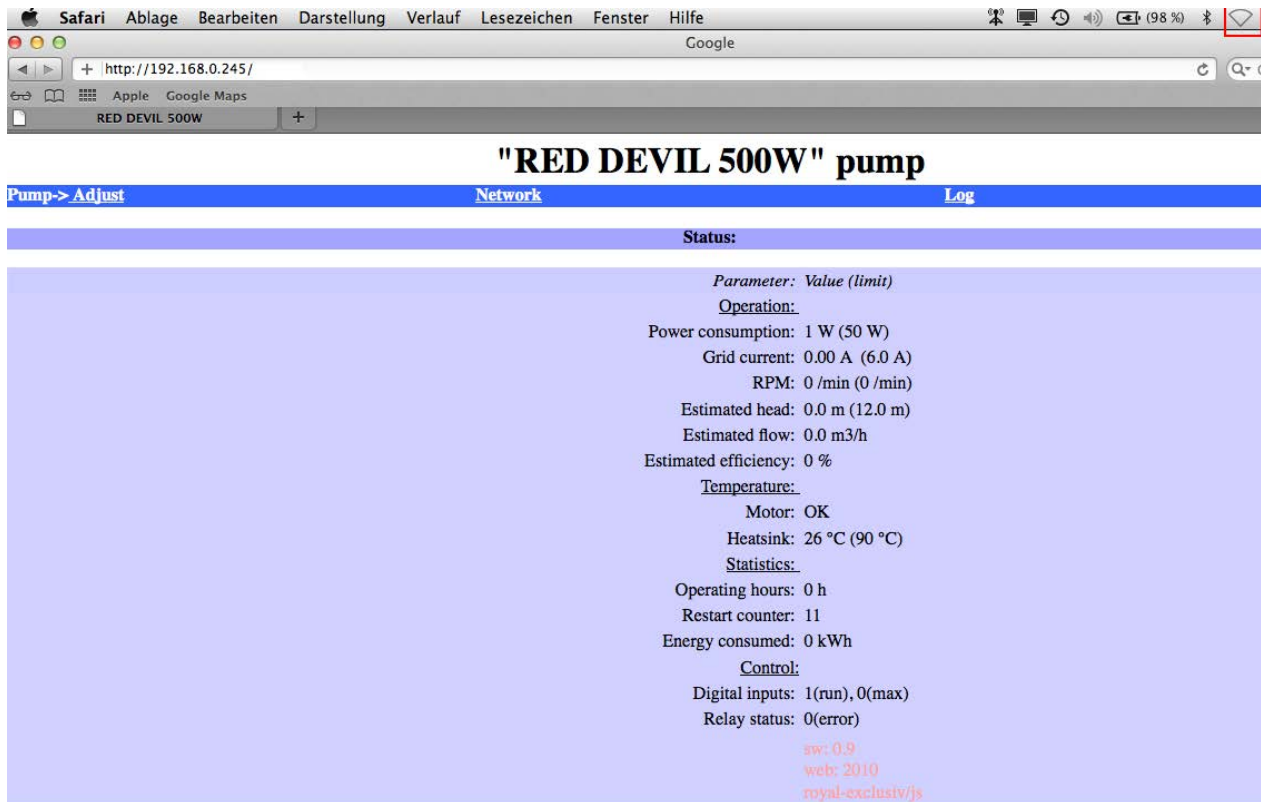






**Step 3:** Open your web browser (Internet explorer/ Mozilla / Safari) and type in the following URL: <http://192.168.0.245> (or: <http://192.168.0.245/index.htm> ). After you typed in the URL confirm with **enter key**.

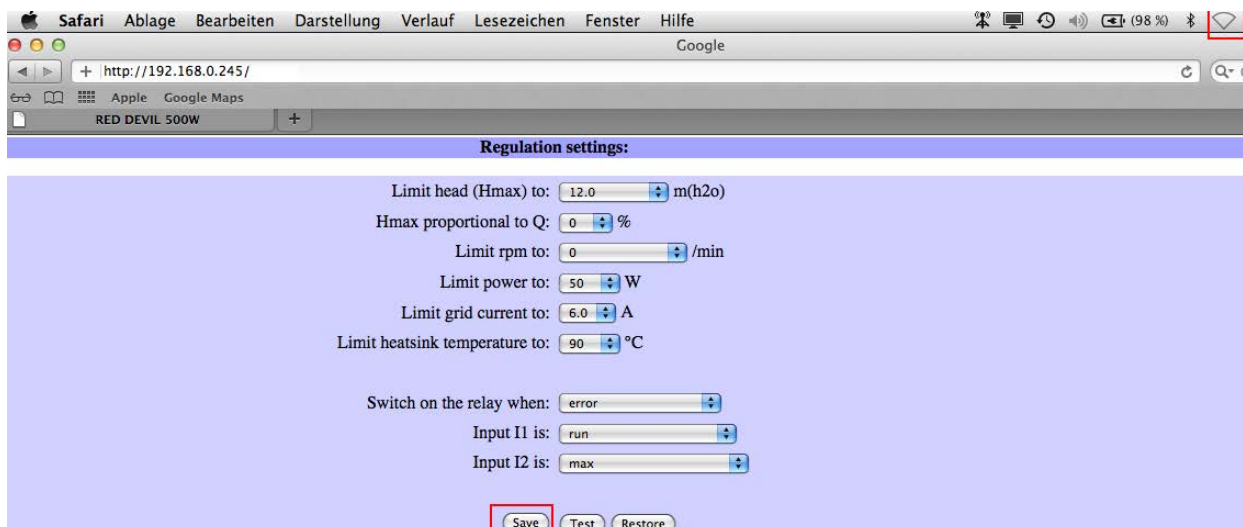
MAC



**Step 4:** You're connected with RD4 pump now. The internet **page refreshes every 3 seconds**. Between the brackets you're able to see your **maximal values** as adjusted.

For adjusting these maximal values please navigate to **"Adjust"** at beginning of the page.

**Step 5:** Fill in your requested values and confirm by clicking **"Save"** at bottom of the page.



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### Set up your own network settings

MAC

If you like to configure the network settings click on "Network".

## "RD50" pump

Pump-> Adjust

Network

Log

Now you're able to adapt the settings of the pump to your own network. Confirm your changes by clicking „Save“.

## "RD50" pump

Pump

Network-> Help

Log

### Network connection settings:

Pump IP address: 192.168.0.245

Subnet mask: 255.255.0.0

Default gateway: 192.168.0.1

NetBIOS name: RD50

Twin mode with IP: 0.0.0.1

(1) Save

Test

Restore

After you have configured your network-settings please connect the pump to your network. There are two options:

- Connect RD4-pump with a powerline-network d-Lan-adapter (for example DEVOLO, FRITZ or similar) to your network.
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