



User guide for network-configuration Red Dragon® 4 pumps

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

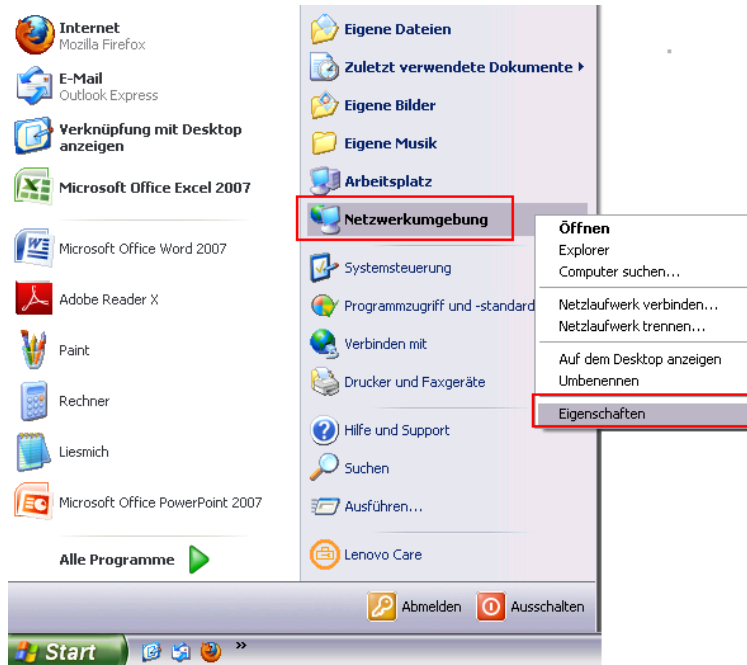
v1.0

ENG

XP | Win7 | MAC

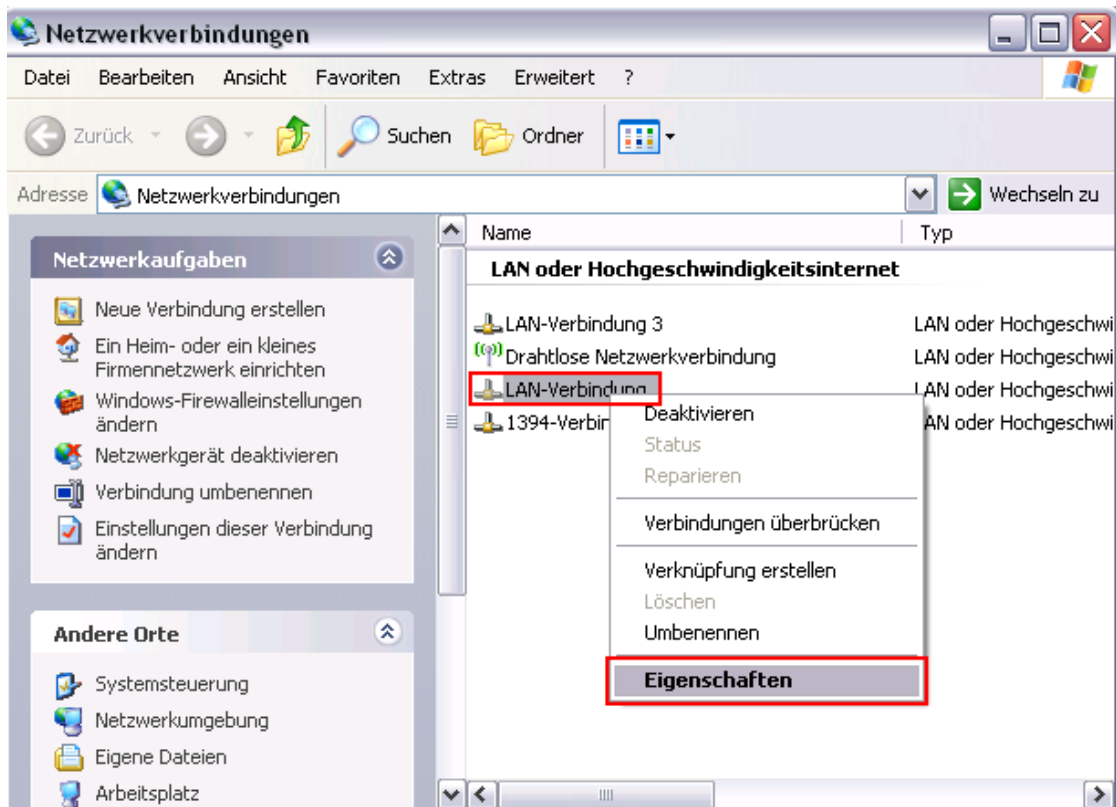


Connection of the RD4 pump using Windows XP



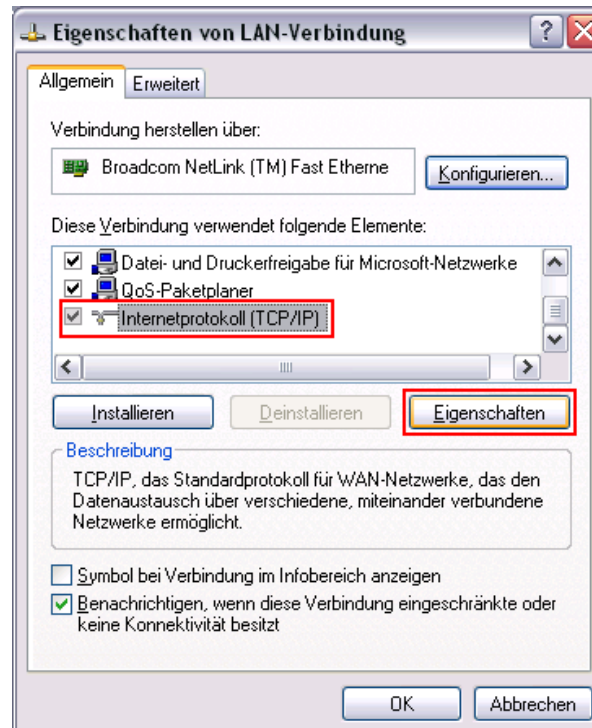
Step 1: Open “Windows Start Menu” and do a right click on “Network environment”. Select “Properties”.

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



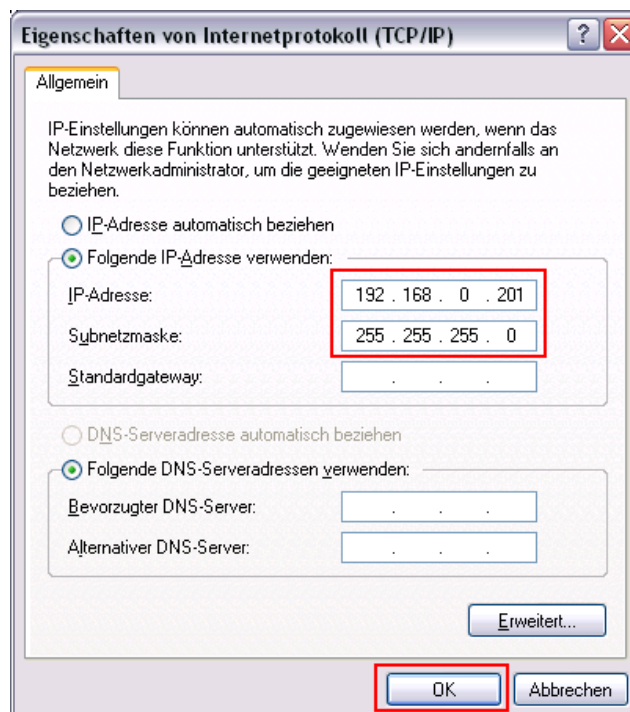
Step 4: Tick “Use the following IP address” and type in the following data:

IP address: 192. 168. 0. 201

Subnet mask:

255. 255. 255. 0

Confirm your settings by clicking “OK”.





Since 1986



XP

Step 5:

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

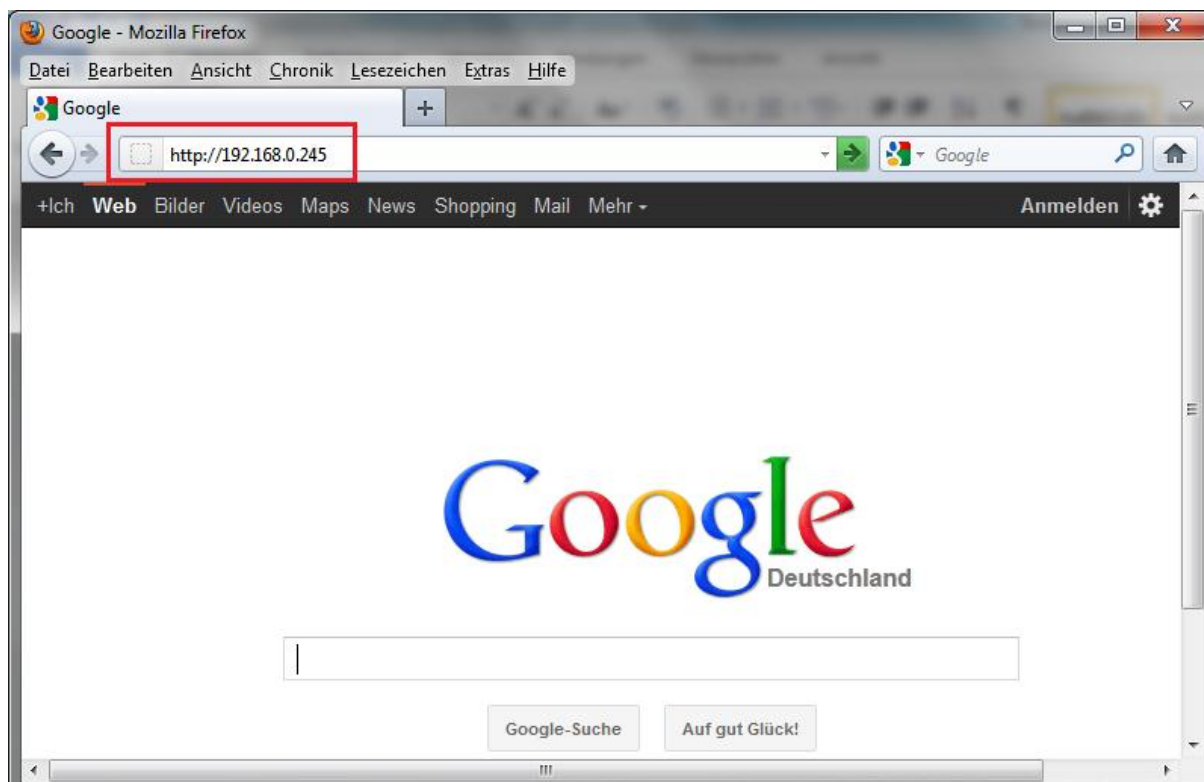


Connect plug of pump to the socket.

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**.



For more information, please visit www.royal-exclusiv.de. Simply enter the part number or name into the search box or email: info@royal-exclusiv.de.

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



Since 1986



XP

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 m3/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
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		
(!) 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.
- 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>

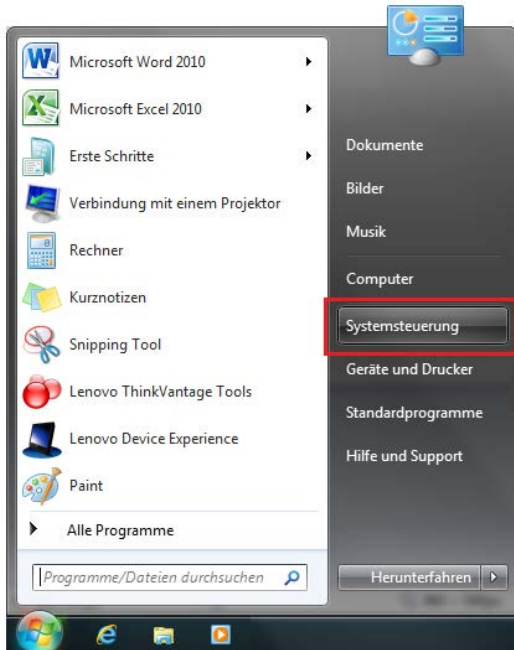


Since 1986



Connection of the RD4 pump using Windows Vista / Windows 7

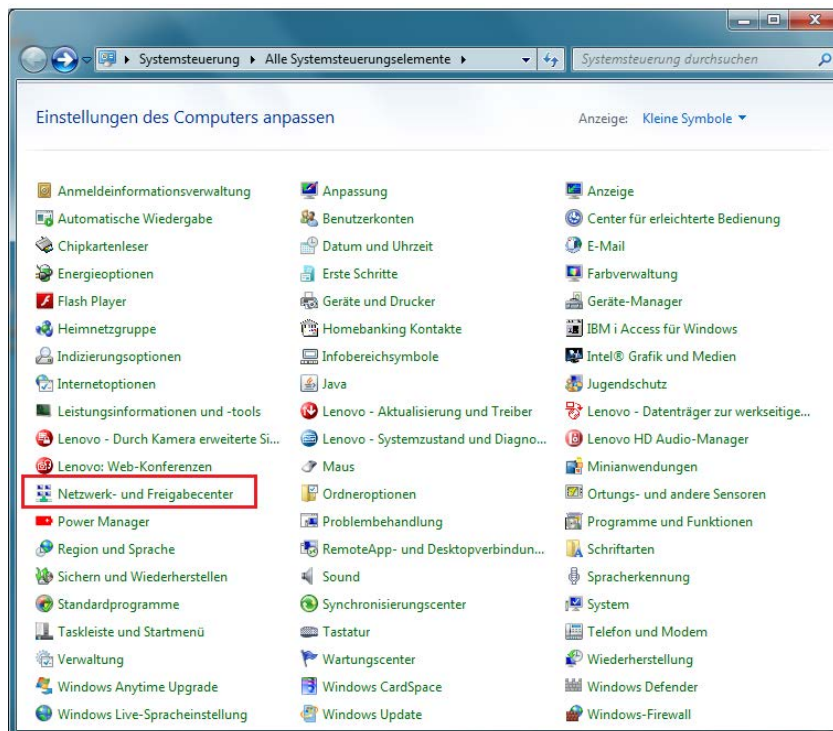
Win7



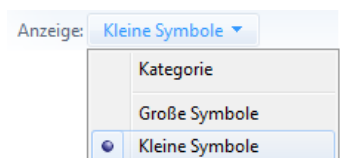
Step 1:

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”**.

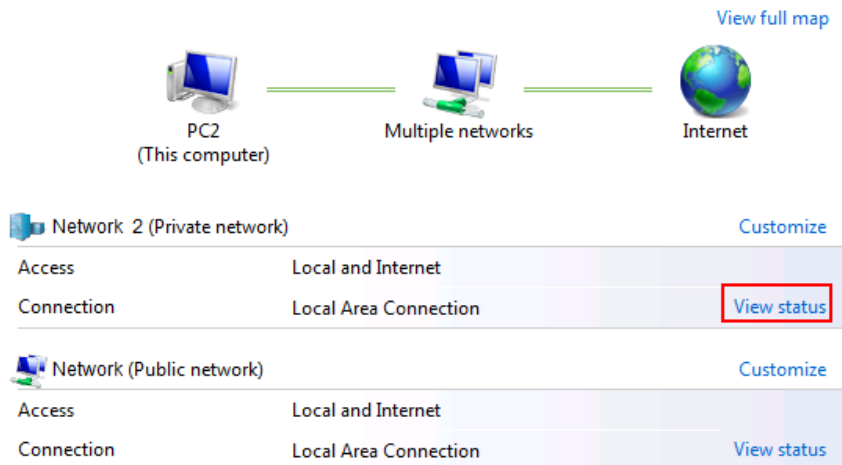


For more information, please visit www.royal-exclusiv.de. Simply enter the part number or name into the search box or email: info@royal-exclusiv.de.

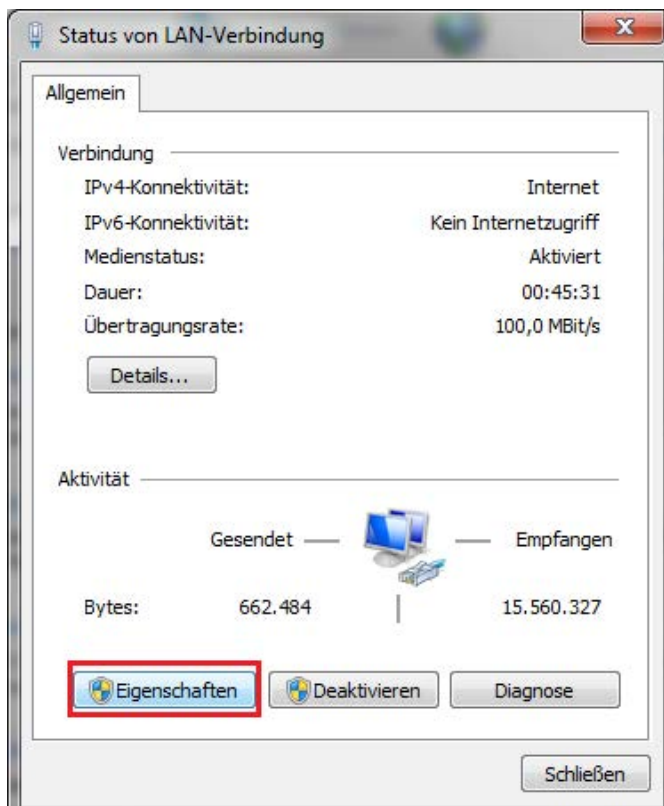
All information subject to change. We try our best, but printing errors reserved.

Step 3: Click on **“View status”**.

Network and Sharing Center

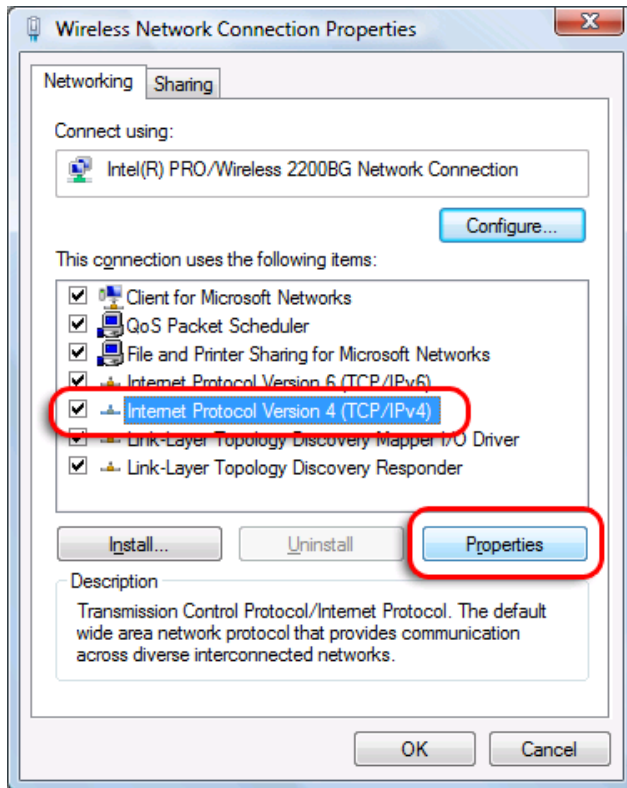


Step 4: Click on **„Properties“**.



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

Win7

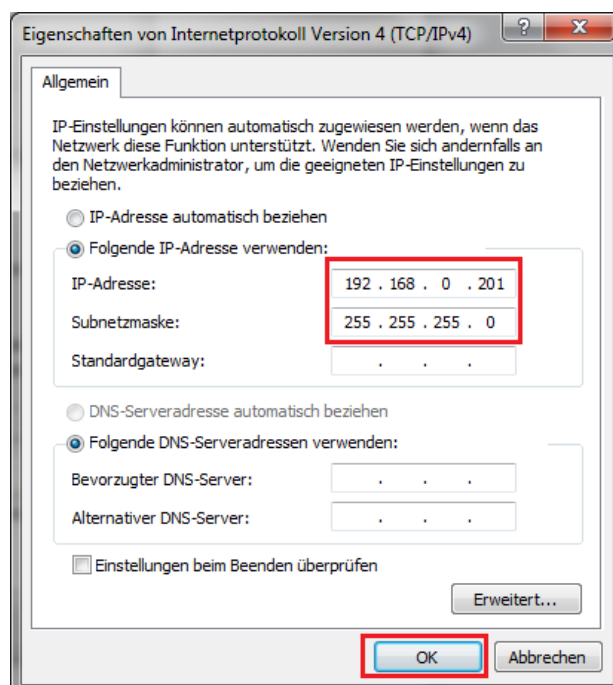


Step 6: Tick „Use the following IP address“ and type in the following data:

IP address: 192. 168. 0. 201

Subnet mask: 255. 255. 255. 0

Confirm your settings by clicking “OK”.





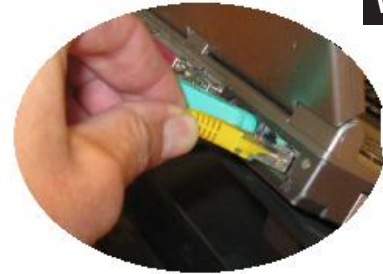
Since 1986



Win7

Step 7:

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

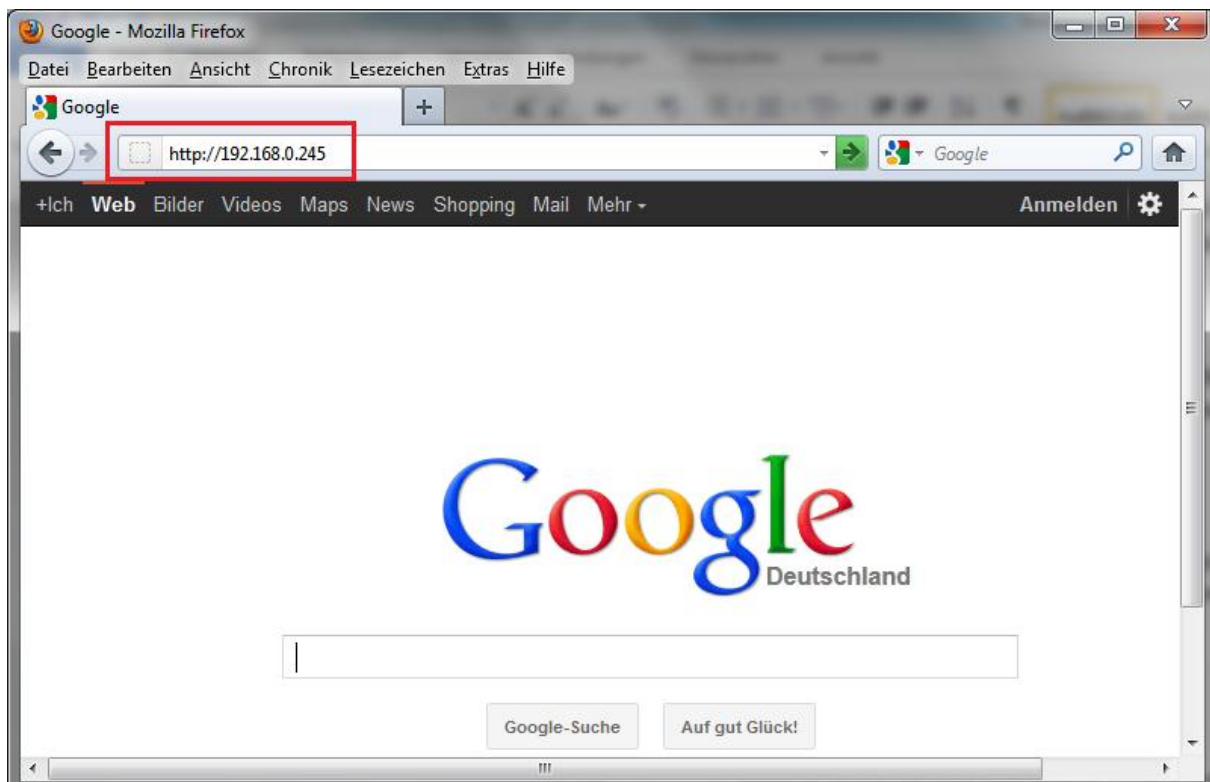


Connect plug of pump to the socket.

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**.



For more information, please visit www.royal-exclusiv.de. Simply enter the part number or name into the search box or email: info@royal-exclusiv.de.

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



Since 1986



Win7

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)
<u>Operation:</u>	
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 ³ /h
Estimated efficiency:	0 %
<u>Temperature:</u>	
Motor:	OK
Heatsink:	29 °C (90 °C)
<u>Statistics:</u>	
Operating hours:	0 h
Restart counter:	28
Energy consumed:	0 kWh
<u>Control:</u>	
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(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 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		
(!) 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.
- 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



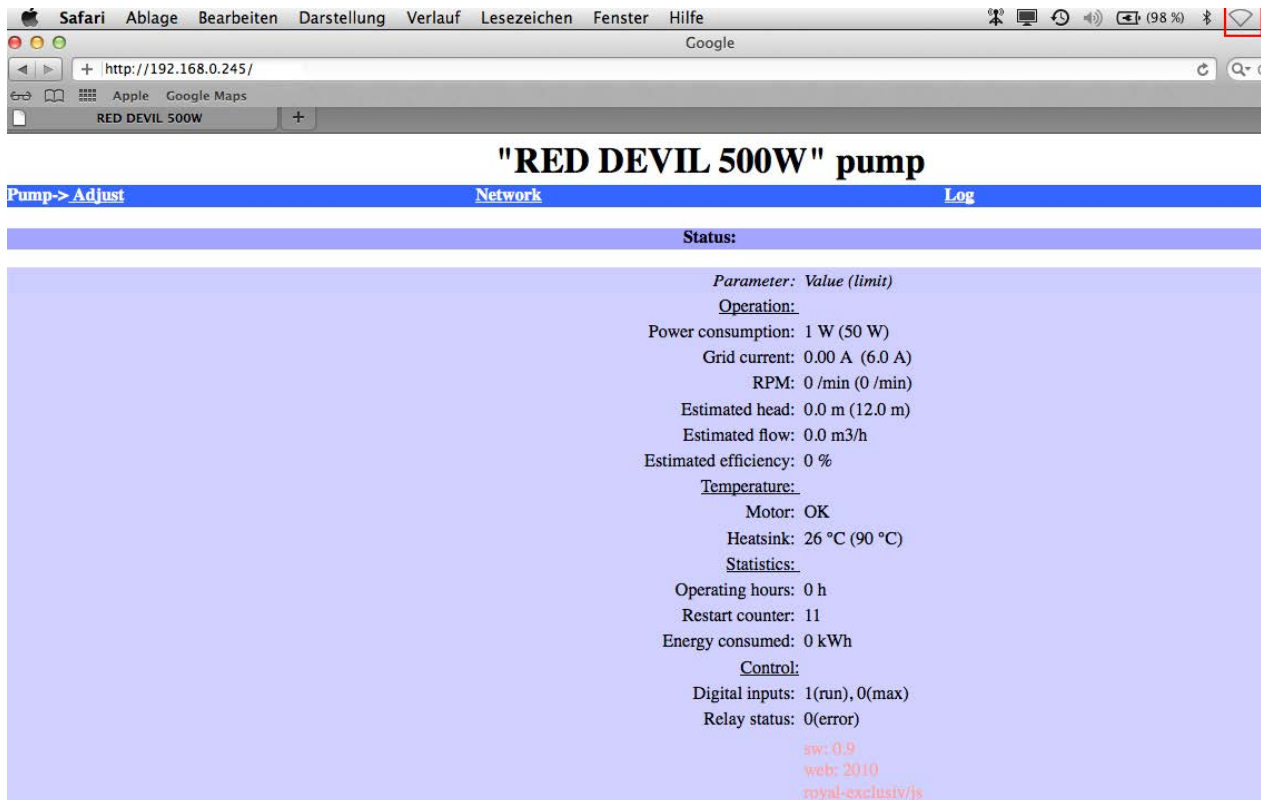


Since 1986



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**.

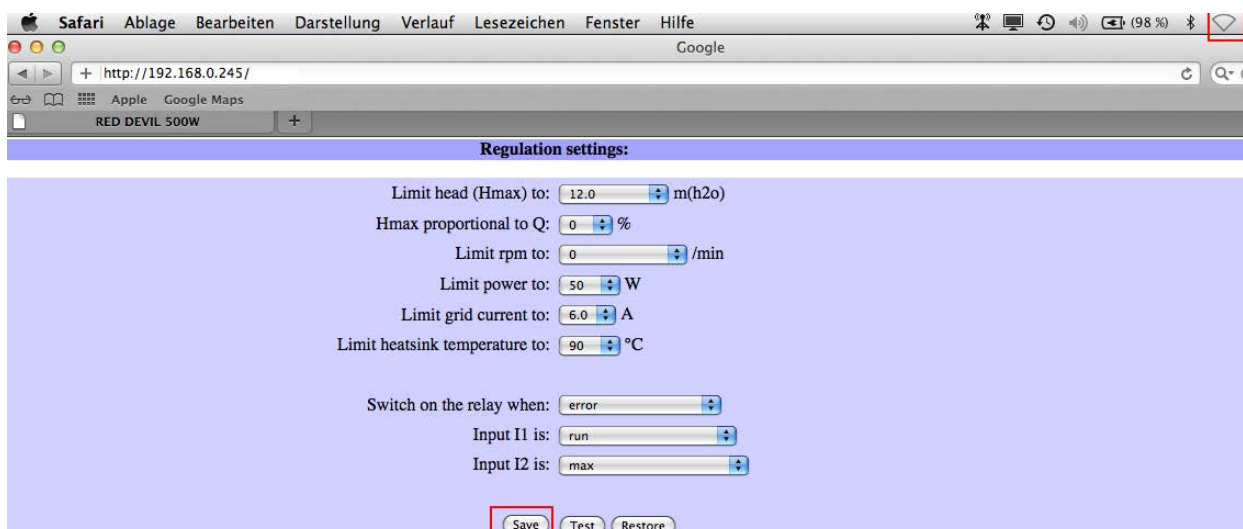
MAC



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.



For more information, please visit www.royal-exclusiv.de. Simply enter the part number or name into the search box or email: info@royal-exclusiv.de.

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

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

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

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>