**Pneumatex Cyclone Vacuum Degasser Vento V 4.1 E**
Heating, solar and cooling water systems for systems according to EN 12828,

EN 12976, ENV 12977, EN12952, EN12953

Antifreeze additive up to 50%.

TecBox control unit, compact floor installation with all the necessary functional elements

Metal cladding, pipe connections

Easy to install on the back of the cladding.

Shut off valves to the system

Oxystop vacuum degassing with Cyclone Technology of the plant and make up water

in two-separate special cyclone containers, gas-content-dependent eco-automatic operation

1 pump. 1 motor ball valve and 1 overflow valve for vacuum degassing

1 solenoid valve and 1 water meter for water make up.

Fillsafe make up monitoring with connection and monitoring for optional Pleno Refill softening or demineralization modules according to VDI 2035.

Check the quantity, time and frequency.

BrainCube control with robust 3.5" TFT color touchscreen

with lighting to display all relevant parameters, data and graphics.

Long-term data storage.

Web-based interface with remote access and support as well as live data.

User-friendly functional menu structure with swipe and tap operation,

Step-by-step instructions for commissioning and immediate help in pop-up windows.

Multilingual full-text and/or graphical representation of all relevant

parameters and operating states.

Integrated standard connections

(Ethernet, RS 485, Modbus TCP, RTU and IMI Pneumatex protocol) for

 IMI web server and building management system

Software updates and data logs via USB.

All data can be controlled and changed via Internet access.

Alarm message via Internet or transfer to BMS system.

Electr. connection with special coupling for mains separation

Electr. Voltage: 1 x 230 V (-/+ 10 %),50 Hz

Protection class IP 54 according to EN 60529

Built according to LV-D. 2014/35/EU, EMC-D. 2014/30/EU.

Electr. Connected load: 0.75 kW

3 potential-free, individually parameterizable digital outputs.

Max. Pressure:10 bar

Min. ad. Pressure:-1 bar

Max. ad. Temp. 90 °C

Min. ad. Temp. 0 °C

Max. ad. Ambient temp. 40 °C

Sound pressure level: 55 dB(A)

Working pressure range 1.0 – 2.5 bar

Max. Water content: 300 m3

Connections Input and output: G ¾

Connection Water Make-Up: G ¾

Width: 500 mm

Height: 920 mm

Deep: 530 mm

Brand: IMI-Pneumatex
Type: Vento V4.1 E Connect
Art.-Nr. 8121101

**Pneumatex Cyclone Vacuum Degasser Vento V 6.1 E**
Heating, solar and cooling water systems for systems according to EN 12828,

EN 12976, ENV 12977, EN12952, EN12953

Antifreeze additive up to 50%.

TecBox control unit, compact floor installation with all the necessary functional elements

Metal cladding, pipe connections

Easy to install on the back of the cladding.

Shut off valves to the system

Oxystop vacuum degassing with Cyclone Technology of the plant and make up water

in two-separate special cyclone containers, gas-content-dependent eco-automatic operation

1 pump. 1 motor ball valve and 1 overflow valve for vacuum degassing

1 solenoid valve and 1 water meter for water make up.

Fillsafe make up monitoring with connection and monitoring for optional Pleno Refill softening or demineralization modules according to VDI 2035.

Check the quantity, time and frequency.

BrainCube control with robust 3.5" TFT color touchscreen

with lighting to display all relevant parameters, data and graphics.

Long-term data storage.

Web-based interface with remote access and support as well as live data.

User-friendly functional menu structure with swipe and tap operation,

Step-by-step instructions for commissioning and immediate help in pop-up windows.

Multilingual full-text and/or graphical representation of all relevant

parameters and operating states.

Integrated standard connections

(Ethernet, RS 485, Modbus TCP, RTU and IMI Pneumatex protocol) for

 IMI web server and building management system

Software updates and data logs via USB.

All data can be controlled and changed via Internet access.

Alarm message via Internet or transfer to BMS system.

Electr. connection with special coupling for mains separation

Electr. Voltage: 1 x 230 V (-/+ 10 %),50 Hz

Protection class IP 54 according to EN 60529

Built according to LV-D. 2014/35/EU, EMC-D. 2014/30/EU.

Electr. Connected load: 1.1 kW

3 potential-free, individually parameterizable digital outputs.

Max. Pressure:10 bar

Min. ad. Pressure:-1 bar

Max. ad. Temp. 90 °C

Min. ad. Temp. 0 °C

Max. ad. Ambient temp. 40 °C

Sound pressure level: 55 dB(A)

Working pressure range 1.5 – 3.5 bar

Max. Water content: 300 m3

Connections Input and output: G ¾

Connection Water Make-Up: G ¾

Width: 500 mm

Height: 920 mm

Deep: 530 mm

Brand: IMI-Pneumatex
Type: Vento V6.1 E Connect
Art.-Nr. 8121102

**Pneumatex Cyclone Vacuum Degasser Vento V 8.1 E**
Heating, solar and cooling water systems for systems according to EN 12828,

EN 12976, ENV 12977, EN12952, EN12953

Antifreeze additive up to 50%.

TecBox control unit, compact floor installation with all the necessary functional elements

Metal cladding, pipe connections

Easy to install on the back of the cladding.

Shut off valves to the system

Oxystop vacuum degassing with Cyclone Technology of the plant and make up water

in two-separate special cyclone containers, gas-content-dependent eco-automatic operation

1 pump. 1 motor ball valve and 1 overflow valve for vacuum degassing

1 solenoid valve and 1 water meter for water make up.

Fillsafe make up monitoring with connection and monitoring for optional Pleno Refill softening or demineralization modules according to VDI 2035.

Check the quantity, time and frequency.

BrainCube control with robust 3.5" TFT color touchscreen

with lighting to display all relevant parameters, data and graphics.

Long-term data storage.

Web-based interface with remote access and support as well as live data.

User-friendly functional menu structure with swipe and tap operation,

Step-by-step instructions for commissioning and immediate help in pop-up windows.

Multilingual full-text and/or graphical representation of all relevant

parameters and operating states.

Integrated standard connections

(Ethernet, RS 485, Modbus TCP, RTU and IMI Pneumatex protocol) for

 IMI web server and building management system

Software updates and data logs via USB.

All data can be controlled and changed via Internet access.

Alarm message via Internet or transfer to BMS system.

Electr. connection with special coupling for mains separation

Electr. Voltage: 1 x 230 V (-/+ 10 %),50 Hz

Protection class IP 54 according to EN 60529

Built according to LV-D. 2014/35/EU, EMC-D. 2014/30/EU.

Electr. Connected load: 1.4 kW

3 potential-free, individually parameterizable digital outputs.

Max. Pressure:10 bar

Min. ad. Pressure:-1 bar

Max. ad. Temp. 90 °C

Min. ad. Temp. 0 °C

Max. ad. Ambient temp. 40 °C

Sound pressure level: 55 dB(A)

Working pressure range 2.0 – 4.5 bar

Max. Water content: 300 m3

Connections Input and output: G ¾

Connection Water Make-Up: G ¾

Width: 500 mm

Height: 920 mm

Deep: 530 mm

Brand: IMI-Pneumatex

Type: Vento V8.1 E Connect
Art.-Nr. 8121103

**Pneumatex Cyclone Vacuum Degasser Vento V 10.1 E**
Heating, solar and cooling water systems for systems according to EN 12828,

EN 12976, ENV 12977, EN12952, EN12953

Antifreeze additive up to 50%.

TecBox control unit, compact floor installation with all the necessary functional elements

Metal cladding, pipe connections

Easy to install on the back of the cladding.

Shut off valves to the system

Oxystop vacuum degassing with Cyclone Technology of the plant and make up water

in two-separate special cyclone containers, gas-content-dependent eco-automatic operation

1 pump. 1 motor ball valve and 1 overflow valve for vacuum degassing

1 solenoid valve and 1 water meter for water make up.

Fillsafe make up monitoring with connection and monitoring for optional Pleno Refill softening or demineralization modules according to VDI 2035.

Check the quantity, time and frequency.

BrainCube control with robust 3.5" TFT color touchscreen

with lighting to display all relevant parameters, data and graphics.

Long-term data storage.

Web-based interface with remote access and support as well as live data.

User-friendly functional menu structure with swipe and tap operation,

Step-by-step instructions for commissioning and immediate help in pop-up windows.

Multilingual full-text and/or graphical representation of all relevant

parameters and operating states.

Integrated standard connections

(Ethernet, RS 485, Modbus TCP, RTU and IMI Pneumatex protocol) for

 IMI web server and building management system

Software updates and data logs via USB.

All data can be controlled and changed via Internet access.

Alarm message via Internet or transfer to BMS system.

Electr. connection with special coupling for mains separation

Electr. Voltage: 1 x 230 V (-/+ 10 %),50 Hz

Protection class IP 54 according to EN 60529

Built according to LV-D. 2014/35/EU, EMC-D. 2014/30/EU.

Electr. Connected load: 1.7 kW

3 potential-free, individually parameterizable digital outputs.

Max. Pressure:10 bar

Min. ad. Pressure:-1 bar

Max. ad. Temp. 90 °C

Min. ad. Temp. 0 °C

Max. ad. Ambient temp. 40 °C

Sound pressure level: 60 dB(A)

Working pressure range 3.5 – 6.5 bar

Max. Water content: 300 m3

Connections Input and output: G ¾

Connection Water Make-Up: G ¾

Width: 500 mm

Height: 1300 mm

Deep: 530 mm

Brand: IMI-Pneumatex

Type: Vento V10.1 E Connect
Art.-Nr. 8121104

**Pneumatex Cyclone Vacuum Degasser Vento V 14.1 E**
Heating, solar and cooling water systems for systems according to EN 12828,

EN 12976, ENV 12977, EN12952, EN12953

Antifreeze additive up to 50%.

TecBox control unit, compact floor installation with all the necessary functional elements

Metal cladding, pipe connections

Easy to install on the back of the cladding.

Shut off valves to the system

Oxystop vacuum degassing with Cyclone Technology of the plant and make up water

in two-separate special cyclone containers, gas-content-dependent eco-automatic operation

1 pump. 1 motor ball valve and 1 overflow valve for vacuum degassing

1 solenoid valve and 1 water meter for water make up.

Fillsafe make up monitoring with connection and monitoring for optional Pleno Refill softening or demineralization modules according to VDI 2035.

Check the quantity, time and frequency.

BrainCube control with robust 3.5" TFT color touchscreen

with lighting to display all relevant parameters, data and graphics.

Long-term data storage.

Web-based interface with remote access and support as well as live data.

User-friendly functional menu structure with swipe and tap operation,

Step-by-step instructions for commissioning and immediate help in pop-up windows.

Multilingual full-text and/or graphical representation of all relevant

parameters and operating states.

Integrated standard connections

(Ethernet, RS 485, Modbus TCP, RTU and IMI Pneumatex protocol) for

 IMI web server and building management system

Software updates and data logs via USB.

All data can be controlled and changed via Internet access.

Alarm message via Internet or transfer to BMS system.

Electr. connection with special coupling for mains separation

Electr. Voltage: 1 x 230 V (-/+ 10 %),50 Hz

Protection class IP 54 according to EN 60529

Built according to LV-D. 2014/35/EU, EMC-D. 2014/30/EU.

Electr. Connected load: 1.7 kW

3 potential-free, individually parameterizable digital outputs.

Max. Pressure:13 bar

Min. ad. Pressure:-1 bar

Max. ad. Temp. 90 °C

Min. ad. Temp. 0 °C

Max. ad. Ambient temp. 40 °C

Sound pressure level: 60 dB(A)

Working pressure range 5.5 – 10.0 bar

Max. Water content: 300 m3

Connections Input and output: G ¾

Connection Water Make-Up: G ¾

Width: 500 mm

Height: 1300 mm

Deep: 530 mm

Brand: IMI-Pneumatex

Type: Vento V14.1 E Connect
Art.-Nr. 8121105

**Pneumatex Cyclone Vacuum Degasser Vento V 4.1 EC**

Cold water version with cold insulation and condensation protection

Heating, solar and cooling water systems for systems according to EN 12828,

EN 12976, ENV 12977, EN12952, EN12953

Antifreeze additive up to 50%.

TecBox control unit, compact floor installation with all the necessary functional elements

Metal cladding, pipe connections

Easy to install on the back of the cladding.

Shut off valves to the system

Oxystop vacuum degassing with Cyclone Technology of the plant and make up water

in two-separate special cyclone containers, gas-content-dependent eco-automatic operation

1 pump. 1 motor ball valve and 1 overflow valve for vacuum degassing

1 solenoid valve and 1 water meter for water make up.

Fillsafe make up monitoring with connection and monitoring for optional Pleno Refill softening or demineralization modules according to VDI 2035.

Check the quantity, time and frequency.

BrainCube control with robust 3.5" TFT color touchscreen

with lighting to display all relevant parameters, data and graphics.

Long-term data storage.

Web-based interface with remote access and support as well as live data.

User-friendly functional menu structure with swipe and tap operation,

Step-by-step instructions for commissioning and immediate help in pop-up windows.

Multilingual full-text and/or graphical representation of all relevant

parameters and operating states.

Integrated standard connections

(Ethernet, RS 485, Modbus TCP, RTU and IMI Pneumatex protocol) for

 IMI web server and building management system

Software updates and data logs via USB.

All data can be controlled and changed via Internet access.

Alarm message via Internet or transfer to BMS system.

Electr. connection with special coupling for mains separation

Electr. Voltage: 1 x 230 V (-/+ 10 %),50 Hz

Protection class IP 54 according to EN 60529

Built according to LV-D. 2014/35/EU, EMC-D. 2014/30/EU.

Electr. Connected load: 0.75 kW

3 potential-free, individually parameterizable digital outputs.

Max. Pressure:10 bar

Min. ad. Pressure:-1 bar

Max. ad. Temp. 90 °C

Min. ad. Temp. 0 °C

Max. ad. Ambient temp. 40 °C

Sound pressure level: 55 dB(A)

Working pressure range 1.0 – 2.5 bar

Max. Water content: 300 m3

Connections Input and output: G ¾

Connection Water Make-Up: G ¾

Width: 500 mm

Height: 920 mm

Deep: 530 mm

Brand: IMI-Pneumatex
Type: Vento V4.1 EC Connect
Art.-Nr. 8121201

**Pneumatex Cyclone Vacuum Degasser Vento V 6.1 EC**

Cold water version with cold insulation and condensation protection

Heating, solar and cooling water systems for systems according to EN 12828,

EN 12976, ENV 12977, EN12952, EN12953

Antifreeze additive up to 50%.

TecBox control unit, compact floor installation with all the necessary functional elements

Metal cladding, pipe connections

Easy to install on the back of the cladding.

Shut off valves to the system

Oxystop vacuum degassing with Cyclone Technology of the plant and make up water

in two-separate special cyclone containers, gas-content-dependent eco-automatic operation

1 pump. 1 motor ball valve and 1 overflow valve for vacuum degassing

1 solenoid valve and 1 water meter for water make up.

Fillsafe make up monitoring with connection and monitoring for optional Pleno Refill softening or demineralization modules according to VDI 2035.

Check the quantity, time and frequency.

BrainCube control with robust 3.5" TFT color touchscreen

with lighting to display all relevant parameters, data and graphics.

Long-term data storage.

Web-based interface with remote access and support as well as live data.

User-friendly functional menu structure with swipe and tap operation,

Step-by-step instructions for commissioning and immediate help in pop-up windows.

Multilingual full-text and/or graphical representation of all relevant

parameters and operating states.

Integrated standard connections

(Ethernet, RS 485, Modbus TCP, RTU and IMI Pneumatex protocol) for

 IMI web server and building management system

Software updates and data logs via USB.

All data can be controlled and changed via Internet access.

Alarm message via Internet or transfer to BMS system.

Electr. connection with special coupling for mains separation

Electr. Voltage: 1 x 230 V (-/+ 10 %),50 Hz

Protection class IP 54 according to EN 60529

Built according to LV-D. 2014/35/EU, EMC-D. 2014/30/EU.

Electr. Connected load: 1.1 kW

3 potential-free, individually parameterizable digital outputs.

Max. Pressure:10 bar

Min. ad. Pressure:-1 bar

Max. ad. Temp. 90 °C

Min. ad. Temp. 0 °C

Max. ad. Ambient temp. 40 °C

Sound pressure level: 55 dB(A)

Working pressure range 1.5 – 3.5 bar

Max. Water content: 300 m3

Connections Input and output: G ¾

Connection Water Make-Up: G ¾

Width: 500 mm

Height: 920 mm

Deep: 530 mm

Brand: IMI-Pneumatex

Type: Vento V6.1 EC Connect
Art.-Nr. 8121202

**Pneumatex Cyclone Vacuum Degasser Vento V 8.1 EC**

Cold water version with cold insulation and condensation protection

Heating, solar and cooling water systems for systems according to EN 12828,

EN 12976, ENV 12977, EN12952, EN12953

Antifreeze additive up to 50%.

TecBox control unit, compact floor installation with all the necessary functional elements

Metal cladding, pipe connections

Easy to install on the back of the cladding.

Shut off valves to the system

Oxystop vacuum degassing with Cyclone Technology of the plant and make up water

in two-separate special cyclone containers, gas-content-dependent eco-automatic operation

1 pump. 1 motor ball valve and 1 overflow valve for vacuum degassing

1 solenoid valve and 1 water meter for water make up.

Fillsafe make up monitoring with connection and monitoring for optional Pleno Refill softening or demineralization modules according to VDI 2035.

Check the quantity, time and frequency.

BrainCube control with robust 3.5" TFT color touchscreen

with lighting to display all relevant parameters, data and graphics.

Long-term data storage.

Web-based interface with remote access and support as well as live data.

User-friendly functional menu structure with swipe and tap operation,

Step-by-step instructions for commissioning and immediate help in pop-up windows.

Multilingual full-text and/or graphical representation of all relevant

parameters and operating states.

Integrated standard connections

(Ethernet, RS 485, Modbus TCP, RTU and IMI Pneumatex protocol) for

 IMI web server and building management system

Software updates and data logs via USB.

All data can be controlled and changed via Internet access.

Alarm message via Internet or transfer to BMS system.

Electr. connection with special coupling for mains separation

Electr. Voltage: 1 x 230 V (-/+ 10 %),50 Hz

Protection class IP 54 according to EN 60529

Built according to LV-D. 2014/35/EU, EMC-D. 2014/30/EU.

Electr. Connected load: 1.4 kW

3 potential-free, individually parameterizable digital outputs.

Max. Pressure:10 bar

Min. ad. Pressure:-1 bar

Max. ad. Temp. 90 °C

Min. ad. Temp. 0 °C

Max. ad. Ambient temp. 40 °C

Sound pressure level: 55 dB(A)

Working pressure range 2.0 – 4.5 bar

Max. Water content: 300 m3

Connections Input and output: G ¾

Connection Water Make-Up: G ¾

Width: 500 mm

Height: 920 mm

Deep: 530 mm

Brand: IMI-Pneumatex

Type: Vento V8.1 EC Connect
Art.-Nr. 8121203

**Pneumatex Cyclone Vacuum Degasser Vento V 10.1 EC**

Cold water version with cold insulation and condensation protection

Heating, solar and cooling water systems for systems according to EN 12828,

EN 12976, ENV 12977, EN12952, EN12953

Antifreeze additive up to 50%.

TecBox control unit, compact floor installation with all the necessary functional elements

Metal cladding, pipe connections

Easy to install on the back of the cladding.

Shut off valves to the system

Oxystop vacuum degassing with Cyclone Technology of the plant and make up water

in two-separate special cyclone containers, gas-content-dependent eco-automatic operation

1 pump. 1 motor ball valve and 1 overflow valve for vacuum degassing

1 solenoid valve and 1 water meter for water make up.

Fillsafe make up monitoring with connection and monitoring for optional Pleno Refill softening or demineralization modules according to VDI 2035.

Check the quantity, time and frequency.

BrainCube control with robust 3.5" TFT color touchscreen

with lighting to display all relevant parameters, data and graphics.

Long-term data storage.

Web-based interface with remote access and support as well as live data.

User-friendly functional menu structure with swipe and tap operation,

Step-by-step instructions for commissioning and immediate help in pop-up windows.

Multilingual full-text and/or graphical representation of all relevant

parameters and operating states.

Integrated standard connections

(Ethernet, RS 485, Modbus TCP, RTU and IMI Pneumatex protocol) for

 IMI web server and building management system

Software updates and data logs via USB.

All data can be controlled and changed via Internet access.

Alarm message via Internet or transfer to BMS system.

Electr. connection with special coupling for mains separation

Electr. Voltage: 1 x 230 V (-/+ 10 %),50 Hz

Protection class IP 54 according to EN 60529

Built according to LV-D. 2014/35/EU, EMC-D. 2014/30/EU.
Electr. Connected load: 1.7 kW

3 potential-free, individually parameterizable digital outputs.

Max. Pressure:10 bar

Min. ad. Pressure:-1 bar

Max. ad. Temp. 90 °C

Min. ad. Temp. 0 °C

Max. ad. Ambient temp. 40 °C

Sound pressure level: 60 dB(A)

Working pressure range 3.5 – 6.5 bar

Max. Water content: 300 m3

Connections Input and output: G ¾

Connection Water Make-Up: G ¾

Width: 500 mm

Height: 1300 mm

Deep: 530 mm

Brand: IMI-Pneumatex
Type: Vento V10.1 EC Connect
Art.-Nr. 8121204

**Pneumatex Cyclone Vacuum Degasser Vento V 14.1 EC**

Cold water version with cold insulation and condensation protection
Heating, solar and cooling water systems for systems according to EN 12828,

EN 12976, ENV 12977, EN12952, EN12953

Antifreeze additive up to 50%.

TecBox control unit, compact floor installation with all the necessary functional elements

Metal cladding, pipe connections

Easy to install on the back of the cladding.

Shut off valves to the system

Oxystop vacuum degassing with Cyclone Technology of the plant and make up water

in two-separate special cyclone containers, gas-content-dependent eco-automatic operation

1 pump. 1 motor ball valve and 1 overflow valve for vacuum degassing

1 solenoid valve and 1 water meter for water make up.

Fillsafe make up monitoring with connection and monitoring for optional Pleno Refill softening or demineralization modules according to VDI 2035.

Check the quantity, time and frequency.

BrainCube control with robust 3.5" TFT color touchscreen

with lighting to display all relevant parameters, data and graphics.

Long-term data storage.

Web-based interface with remote access and support as well as live data.

User-friendly functional menu structure with swipe and tap operation,

Step-by-step instructions for commissioning and immediate help in pop-up windows.

Multilingual full-text and/or graphical representation of all relevant

parameters and operating states.

Integrated standard connections

(Ethernet, RS 485, Modbus TCP, RTU and IMI Pneumatex protocol) for

 IMI web server and building management system

Software updates and data logs via USB.
All data can be controlled and changed via Internet access.

Alarm message via Internet or transfer to BMS system.

Electr. connection with special coupling for mains separation
Electr. Voltage: 1 x 230 V (-/+ 10 %),50 Hz

Protection class IP 54 according to EN 60529

Built according to LV-D. 2014/35/EU, EMC-D. 2014/30/EU.

Electr. Connected load: 1.7 kW
3 potential-free, individually parameterizable digital outputs.

Max. Pressure:13 bar

Min. ad. Pressure:-1 bar

Max. ad. Temp. 90 °C

Min. ad. Temp. 0 °C

Max. ad. Ambient temp. 40 °C

Sound pressure level: 60 dB(A)

Working pressure range 5.5 – 10.0 bar

Max. Water content: 300 m3

Connections Input and output: G ¾

Connection Water Make-Up: G ¾

Width: 500 mm

Height: 1300 mm

Deep: 530 mm

Brand: IMI-Pneumatex

Type: Vento V14.1 EC Connect

Art.-Nr. 8121205