



Domestic solutions

Effective from 1st of January 2025

PRODUCT GUIDE 2025

Without prices

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energy-saving ventilation
and heat pump solutions on
our website
www.nilan.dk



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DOMESTIC SOLUTIONS

Nilan's energy-saving ventilation systems and heat pumps are a sensible investment due to their long-term financial and technical durability. In other words: you get value for your money.

Latest technology and long lifespan

Our systems are based on modern and innovative technology. This means that they will be just as operable in thirty years' time as they are today. When you buy a Nilan system, you are guaranteed a product that is integrated into the building and will stand the test of time. Furthermore, it is highly efficient and cheap to maintain.

Many other systems do not have as long a lifespan as Nilan's. Moreover, installing a system costs almost as much as the system itself. A cheap system is therefore not necessarily the best investment, because in the longer term your customers will have to buy a new system and pay for the installation once more.

A system for all forms of housing and needs

At Nilan, virtually nothing is impossible. We have a comprehensive range of systems to match all kinds of housing, from apartments, summer residences and old houses in need of restoration work to new buildings and passive houses. Our ventilation and heat pump systems can also be combined and adapted in many different ways, depending on your customers' needs.

This means that we offer all types of systems, from small units that extract air from the home and exploit the energy recovered to produce SHW, to total solutions that combine ventilation with heat recovery, comfort cooling, comfort heating, production of SHW and heating of the home.



An outline of the domestic systems



Ventilation

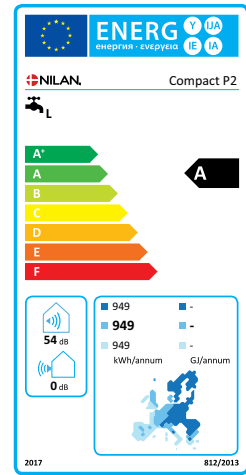
Passive
heat recoveryActive
heat recoveryComfort
heatingComfort
coolingProduction of
domestic
hot water

Heating

Comfort CT200	✓	✓					
Comfort CT500	✓	✓					
Comfort 200 Top	✓	✓					
Comfort 250 Top	✓	✓					
Comfort 350 Top	✓	✓					
Comfort 300LR	✓	✓					
Comfort 250L/R	✓	✓					
Comfort 350L/R	✓	✓					
Comfort 450	✓	✓					
Combi 400 Polar Top	✓	✓	✓	✓	✓		
Combi 302 Polar	✓	✓	✓	✓	✓		
Combi S 302 Polar Top	✓	✓	✓	✓	✓		
VPL 15	✓		✓	✓	✓		
VPL 15 Top M2	✓		✓	✓	✓		
VPL 28	✓		✓	✓	✓		
Compact P2	✓	✓	✓	✓	✓	✓	
Compact P2 GEO	✓	✓	✓	✓	✓	✓	✓
Compact P2 AIR	✓	✓	✓	✓	✓	✓	✓
Compact P2 EK	✓	✓	✓	✓	✓	✓	✓
Compact S	✓	✓	✓	✓	✓	✓	
VP 18 M2	✓		✓	✓		✓	
VP 18 M2 EK	✓		✓	✓	✓	✓	✓
VGU 180 EK			✓	✓		✓	
VGU 250			✓			✓	
DHW AIR						✓	✓



Incl. gateway LAN for the Nilan App



Compact P2 - with CTS602 HMI Touch panel

Compact P2 is a multi-unit with several installations combined in one compact installation. It is intended for small dwellings with a ventilation requirement of up to 425 m³/h. Compact P2 ventilates the dwelling and produces domestic hot water. You can also combine the unit with a geothermal heat pump or an air source heat pump. Both of these can be fully integrated in Compact P2.

Compact P2 comprises the following:

- Counterflow heat exchanger for passive heat recovery.
- Heat pump for active heat recovery for fresh air heating and SHW production. COP air/air 2,2 - 3,6 - COP air/water 2,1 - 3,9 (Depends on operational conditions and test method).
- Automatic 100% air bypass.
- Two low-energy EC fans.
- Integral filters ISO 16890 Coarse 75% (G4)
- 180-litre hot water tank with Circulation pex pipe.
- Sacrificial anode as corrosion protection.
- 1.5 kW immersion heater in hot water tank.
- Operation takes place via the CTS602 HMI Touch panel with display and programmable functions.
- Humidity sensor for on-demand ventilation.
- Electrical monitored anode.
- Summer cooling function for the fresh air = Reversible heat pump. For a system with SHW production, the cooling function comes "free of charge".
- Incl. gateway LAN for the Nilan App (for the CTS602 control)



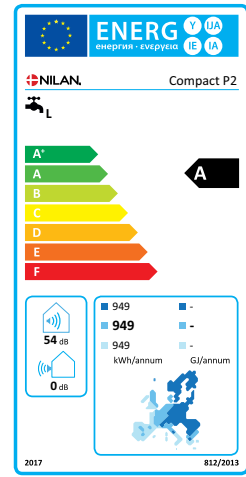
Compact P2 - with CTS602 control / HMI Touch panel

Type	Product no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volume l	Volt	Amp
Compact P2 KF	7513480	425	900	610	2065	Ø160	205	180	230	13
Compact P2 KSF	7513481	425	900	610	2065	Ø160	205	180	230	13
Compact P2 KF Polar	7513483	425	900	610	2065	Ø160	205	180	230	16
Compact P2 KSF Polar	7513496	425	900	610	2065	Ø160	205	180	230	16





Incl. gateway LAN
for the Nilan App



Compact P2 AIR (Inside part)

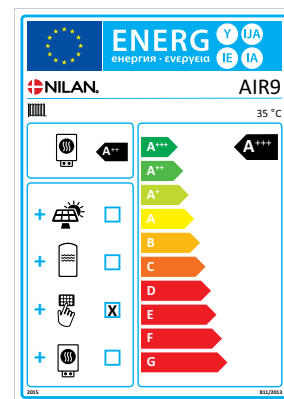
Compact P2 is a multi-unit with several installations combined in one compact installation. It is intended for small dwellings with a ventilation requirement of up to 425 m³/h. Compact P2 ventilates the dwelling and produces domestic hot water.

By combining several installations in just one installation, you save considerable space in the machine room. Another advantage is that the control systems work in unison, which optimises power consumption and thereby enables an overall saving in energy consumption.



Compact P2 - AIR (Inside part) with CTS602 control / HMI Touch panel

Type	Art. no.	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Compact P2 KF AIR	757548041	900	610	2153	Ø160	260	400/230+N+PE	16
Compact P2 KSF AIR	757548141	900	610	2153	Ø160	260	400/230+N+PE	16
Compact P2 KF Polar AIR	757548341	900	610	2153	Ø160	260	400/230+N+PE	16
Compact P2 KSF Polar AIR	757549641	900	610	2153	Ø160	260	400/230+N+PE	16



Nilan AIR - Air/water heat pump

The Nilan AIR air/water heat pump is supplied as a compact unit for outdoor installation. The casing is available in alu zinc or white powder coated. The system is easily fitted and can be placed in front of a facade. All components of the refrigeration circuit, such as evaporator, condenser, hermetically sealed compressor, etc. are connected within the casing. Hydraulic tubing, laid in the ground, is used to connect the outside unit with the Compact P unit.

Outside part

- 9 kW complete air source heat pump
- Refrigerant/water heat exchanger
- Low-energy EC-fan
- Noiseless fan
- Inverter drive compressor
- 20 m cable set for connections



Nilan AIR (Outside part)

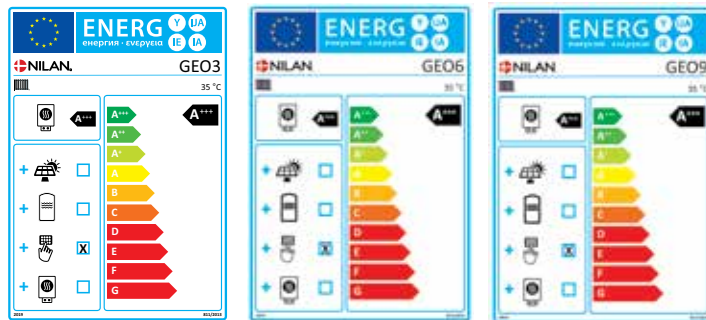
Type	Art. no.	W mm	D mm	H mm	Weight kg	Heating kW	Volt	Amp
AIR9 (Aluzinc)	74109U30	938	673	1318	165	9	230+N+PE	16
AIR9 (White / Aluzinc)	74109U31	938	673	1318	165	9	230+N+PE	16
AIR9 (White)	74109U33	938	673	1318	165	9	230+N+PE	16

Accessories for Nilan AIR (Outside part)

Type	Art. no.
Slatted frame, back cover (Aluzinc)	74109U004
Slatted frame, back cover (White / Aluzinc)	74109U005



Incl. gateway LAN
for the Nilan App



Compact P2 - GEO

Compact P2 GEO is a multi-unit with three installations combined in one compact installation. It is intended for small dwellings with a ventilation requirement of up to 425 m³/h. The three installations comprise ventilation of the dwelling, production of domestic hot water, and heating of the dwelling via an efficient geothermal heat pump.

By integrating all three installations in just one installation, you save considerable space in the machine room. Another advantage is that the control systems work in unison, which enables energy efficiency and thereby an overall saving in energy consumption.

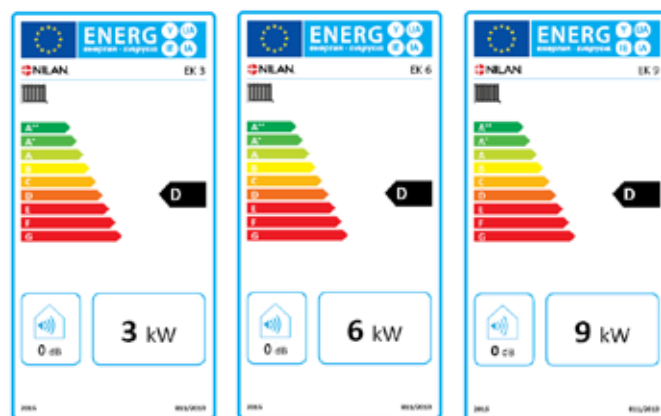


Compact P2 - GEO with CTS602 control / HMI Touch panel

Type	Art. no.	W mm	D mm	H mm	Duct connection mm	Weight kg	Heating kW	Volt	Amp
Compact P2 KF GEO3	757548039	900	610	2245	Ø160	260	0,5 - 3,0	400/230+N+PE	13
Compact P2 KSF GEO3	757548139	900	610	2245	Ø160	260	0,5 - 3,0	400/230+N+PE	13
Compact P2 KF Polar GEO3	757548339	900	610	2245	Ø160	260	0,5 - 3,0	400/230+N+PE	16
Compact P2 KSF Polar GEO3	757549639	900	610	2245	Ø160	260	0,5 - 3,0	400/230+N+PE	16
Compact P2 KF GEO6	757548038	900	610	2245	Ø160	260	1,0 - 6,0	400/230+N+PE	16
Compact P2 KSF GEO6	757548138	900	610	2245	Ø160	260	1,0 - 6,0	400/230+N+PE	16
Compact P2 KF Polar GEO6	757548338	900	610	2245	Ø160	260	1,0 - 6,0	400/230+N+PE	16
Compact P2 KSF Polar GEO6	757549638	900	610	2245	Ø160	260	1,0 - 6,0	400/230+N+PE	16
Compact P2 KF GEO9	757548040	900	610	2245	Ø160	261	1,5 - 9,0	400/230+N+PE	16
Compact P2 KSF GEO9	757548140	900	610	2245	Ø160	261	1,5 - 9,0	400/230+N+PE	16
Compact P2 KF Polar GEO9	757548340	900	610	2245	Ø160	261	1,5 - 9,0	400/230+N+PE	16
Compact P2 KSF Polar GEO9	757549640	900	610	2245	Ø160	261	1,5 - 9,0	400/230+N+PE	16



Incl. gateway LAN
for the Nilan App



Compact P2 - EK

Compact P2 EK is a multi-unit with three installations combined in one compact installation. It is intended for smaller dwellings with a ventilation requirement of up to 425 m³/h. The three installations comprise ventilation of the dwelling, production of domestic hot water, and electric heating of the dwelling.

Electric heating is a good solution if the dwelling is highly air tight, as is the case in e.g. Passive Houses. They use limited energy on heating. However, you need to ensure that legislation allows electric heating.



Compact P2 - EK with CTS602 control / HMI Touch panel

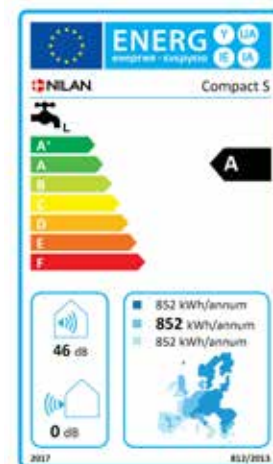
Type	Art. no.	W mm	D mm	H mm	Duct connection mm	Weight kg	Heating kW	Volt	Amp
Compact P2 KSF Polar EK3	757549637	900	610	2065	Ø160	226	3,0	2x400+N	2x16
Compact P2 KSF Polar EK6	757549652	900	610	2065	Ø160	226	6,0	3x230	3x20
Compact P2 KSF Polar EK9	757549630	900	610	2065	Ø160	226	9,0	3x400+N	3x16

Accessories for Compact P2

Type		Art. no.
SHW Solar extra hot water tank	250 l	741602
Electro Power Kit SHW-Tank		741650
Safety unit, 10 Bar		3694
Safety group with scald prevention, 10 Bar		3690
Electrically monitored sacrificial anode		19203
Extension cable HMI control panel		9104
Electric heating element (frost protection)	600 W - Ø160 mm	620043
Electric heating element (frost protection)	1200 W - Ø160 mm	88267
Electric heating element (frost protection)	2000 W - Ø160 mm	88268
Electric heating element	600 W - Ø160 mm	764135
Electric heating element	1200 W - Ø160 mm	764140
Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	308x312 mm	920215
Pollenfilter ISO 16890 ePM1 55% (F7) 1 pc.		930200
Expansion PCB - connection for Compact P2		9110
CO ₂ -sensor kit	CTS602 control	7134B14
Cover plate - HMI panel		9111
Modbus electricity meter 1-phase, connection to gateway		2240
Modbus electricity meter 3-phase, connection to gateway		2241
Enthalpie exchanger		1206
Lifting tool		940002



Incl. gateway LAN
for the Nilan App



Compact S - with HMI Touch panel

Compact S is an energy-efficient total indoor climate solution for all types of low-energy buildings, single-family homes, flats and small office areas in commercial leases with a ventilation requirement of up to 340 m³/h.

Compact S comprises the following:

- 8 duct connections
- Heating pump with hermetically sealed cooling circuit, for production of hot water and active heat recovery.

- Automatic 100% air bypass.
- Two low-energy EC fans.
- Integral filters Greencycle ISO 16890 Coarse 75% (G4).
- 180-litre hot water tank with Circulation pex pipe.
- Sacrificial anode as corrosion protection.
- 1.5 kW immersion heater in hot water tank.
- Incl. gateway LAN for the Nilan App



Type	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volume l	Volt	Amp
Compact S Cooling/Solar*	7212425	340	600	600	2,250	Ø160	192	180	230	10
Compact SPolar Cooling/Solar*	7212426	340	600	600	2,381	Ø160	196	180	230	16

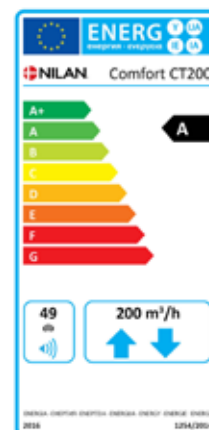
*With CTS 602 PCB

Accessories for Compact S

Type	Art. no.
Greencycle Filter sheet ISO 16890 Coarse 75%(G4) 8 pcs.	920210
Pollenfilter ISO 16890 ePM1 55% (F7) (1 pc.)	39546
Safety unit, 10 Bar	3694
Safety group with scald prevention, 10 Bar	3690
Electrically monitored sacrificial anode	19203
Expansion PCB	239936
CO ₂ -sensor kit	7134B13
Gateway - WIFI	9105
Gateway - LAN	9106
Extension cable HMI control panel	9104
Cover plate - HMI panel	620084
EM-box	852001
Electric heating element (frost protection)	620043
Electric heating element (frost protection)	88267
Electric heating element (frost protection)	88268
Electric heating element	764135
Electric heating element	764140
Sonoflex silencing	855312
Clamp for Sonoflex	86061
Lifting tool	940002



Gateway LAN / WiFi for the Nilan App is available as option



Comfort CT200

Comfort CT200 is designed for homes with a ventilation requirement up to 200 m³/h. The system's compact design makes it ideal to use in new and refurbished flats, terraced housing and summer cottages, where the space available is limited and easy fitting is required. It can be fitted to the ceiling or wall.

Comfort CT200 comprises the following:

- Counterflow heat exchanger for passive heat recovery.
- 100 % automatic bypass for free cooling
- Two low-energy EC fans.
- Filters Greencycle ISO 16890 Coarse 75% (G4).
- Built-in humidity sensor.

Option:

- Gateway LAN / WiFi for the Nilan App



Comfort CT200 - with CTS400 control

Type	Air supply	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Comfort CT200	Left	710580	200	1040	535	338	Ø125	28	230	10
Comfort CT200	Right	7105580	200	1040	535	338	Ø125	28	230	10

Comfort CT200 - with HMI Touch panel

Type	Air supply	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Comfort CT200*	Left	710570	200	1040	535	338	Ø125	28	230	10
Comfort CT200*	Right	7105570	200	1040	535	338	Ø125	28	230	10

*With CTS 602 light PCB

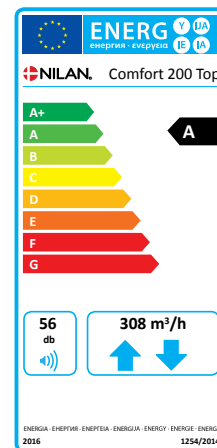
Flexible unit

We offer a unit which can be fitted horizontally, vertically and at an angle, which means that it is flexible and can be used in many different applications.





Gateway LAN / WiFi for the Nilan App
is available as option



Comfort 200 Top

The Comfort 200 Top is a ventilation unit, offering heat recovery for homes and smaller commercial buildings with ventilation requirements of up to 308 m³/h. Comfort 200 Top is a system with compact dimensions and with a depth of only 42 cm makes the system suitable for refurbishing projects.

Comfort 200 Top comprises the following:

- Counterflow heat exchanger for passive heat recovery.
- Automatic bypass.
- Two low-energy EC fans.
- Filtrés Greencycle ISO 16890 Coarse 75% (G4).
- Built-in humidity sensor.

Option:

- Gateway LAN / WiFi for the Nilan App



Comfort 200 Top - with CTS400 control

Type	Air supply	Art. no	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Comfort 200 Top	Left	7111680	308	600	420	650	Ø125	35	230	10
Comfort 200 Top	Right	71116580	308	600	420	650	Ø125	35	230	10

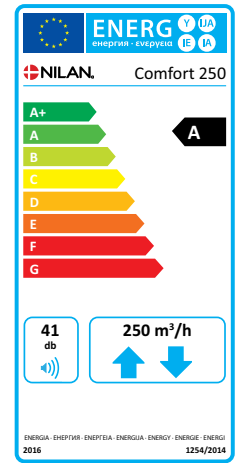
Comfort 200 Top - with HMI Touch panel

Type	Air supply	Art. no	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Comfort 200 Top*	Left	7111620	308	600	420	650	Ø125	35	230	10
Comfort 200 Top*	Right	71116520	308	600	420	650	Ø125	35	230	10

*With CTS 602 light PCB



Gateway LAN / WiFi for the Nilan App is available as option



Comfort 250 Top

The Comfort 250 Top is an energy efficient ventilation unit, offering heat recovery for homes and smaller commercial buildings with ventilation requirements of up to 250 m³/h. Comfort 250 Top is a system with compact dimensions, fitting into standard cabinets (60 cm).

Comfort 250 Top comprises the following:

- Counterflow heat exchanger for passive heat recovery.
- 100% automatic bypass for free cooling
- Two low-energy EC fans.
- Greencycle filter ISO 16890 Coarse 75% (G4).
- Built-in humidity sensor.

Option:

- Gateway LAN / WiFi for the Nilan App



Comfort 250 Top - with CTS400 control

Type	Air supply	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Comfort 250 Top (4 pcs/pallet)	Right	710280	250	559	550	790	Ø160	29	230	10
Comfort 250 Top (4 pcs/pallet)	Left	7102580	250	559	550	790	Ø160	29	230	10
Comfort 250 Top Polar (4 pcs/pallet)	Right	710282	250	559	550	790	Ø160	29	230	10
Comfort 250 Top Polar (4 pcs/pallet)	Left	7102582	250	559	550	790	Ø160	29	230	10

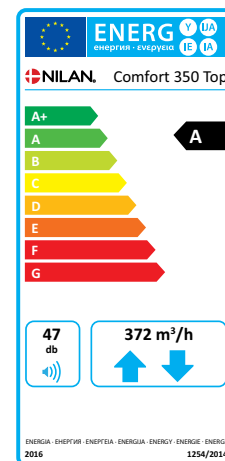


The aluzink base is available as an accessory in heights of 400 mm and 600 mm.

FOR PROJECTS ONLY



Gateway LAN / WiFi for the Nilan App
is available as option



Comfort 350 Top

The Comfort 350 Top is an energy efficient ventilation unit, offering heat recovery for homes and smaller commercial buildings with ventilation requirements of up to 372 m³/h.

Comfort 350 Top is a system with compact dimensions, fitting into standard cabinets (60 cm).

The Comfort 350 Top is factory tested and ready for use.

Comfort 350 Top comprises the following:

- Counterflow heat exchanger for passive heat recovery.
- 100% automatic bypass for free cooling.
- Two low-energy EC fans.
- Integral Greencycle filters ISO 16890 Coarse 75% (G4).
- Built-in humidity sensor.

Option:

- Gateway LAN / WiFi for the Nilan App



Comfort 350 Top - with HMI Touch panel

Type	Air supply	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Comfort 350 Top*	Right	710370	372	559	550	790	Ø160	29	230	10
Comfort 350 Top*	Left	7103570	372	559	550	790	Ø160	29	230	10
Comfort 350 Top Polar**	Right	710372	372	559	550	790	Ø160	29	230	10
Comfort 350 Top Polar**	Left	7103572	372	559	550	790	Ø160	29	230	10

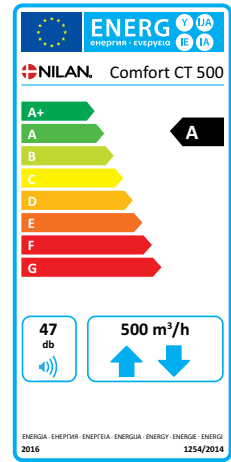
*With CTS 602 light PCB / **With CTS 602 PCB



The aluzink base is available as an accessory
in heights of 400 mm and 600 mm.



Gateway LAN / WiFi for the Nilan App is available as option



Comfort CT500

Comfort CT500 is an energy-efficient ventilation system with heat recovery for homes and smaller commercial buildings with a ventilation requirement of up to 500 m³/h.

Comfort CT500 comprises the following:

- Counterflow heat exchanger for passive heat recovery.
- 100% automatic bypass for free cooling.
- Two low-energy EC fans.
- Integral filters Greencycle ISO 16890 Coarse 75% (G4).
- Built-in humidity sensor.

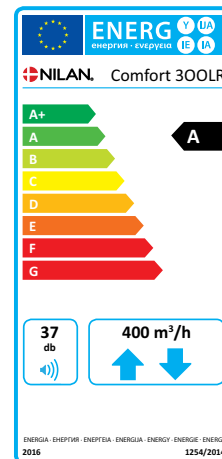


Comfort CT500 - with HMI Touch panel

Type	Air supply	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Comfort CT500*	Right	7110520	500	715	583	1000	Ø160	56	230	10
Comfort CT500 Polar**	Right	7110523	500	715	583	1131	Ø160	56	230	10

* With CTS 602 light PCB / ** With CTS 602 PCB

Connection Box for Comfort CT500 Polar (7110523) is not possible



Comfort 300LR

Comfort 300 LR is for anyone who wants ventilation with highly efficient heat recovery and comfort heating. These systems extract hot, humid air from e.g. the kitchen, bathroom and utility room, at the same time removing dust particles, moisture and odours from the home. Furthermore, the energy from the extract air is used to heat the incoming air. Comfort 300 LR can replace 400 m³ air per hour.

Comfort 300 LR comprises the following:

- Counterflow heat exchanger for passive heat recovery.
- Automatic bypass.
- Two low-energy EC fans.
- Integral Greencycle filters ISO 16890 Coarse 75% (G4).
- Built-in humidity sensor.

Option:

- Gateway LAN / WiFi for the Nilan App



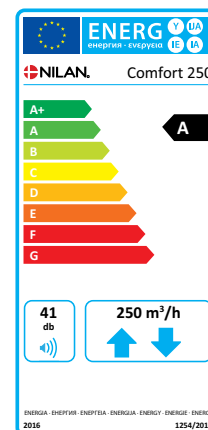
Comfort 300LR - with HMI Touch panel

Type	Air supply	Art. no.	m³/h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Comfort 300LR*	Right/Left	711340	400	1000	508	560	Ø160	45	230	10

*With CTS 602 light PCB



Gateway LAN / WiFi for the Nilan App is available as option



Comfort 250L/Comfort 250R

The Comfort 250L/Comfort 250R is an energy efficient ventilation unit, offering heat recovery for homes and smaller commercial buildings with ventilation requirements of up to 250 m³/h. Comfort 250L/Comfort 250R is often installed in an unused attic so it does not take up space in the utility room.

Comfort 250L/Comfort 250R comprises the following:

- Counterflow heat exchanger for passive heat recovery.
- 100% automatic bypass for free cooling
- Two low-energy EC fans.
- Greencycle filter ISO 16890 Coarse 75% (G4).
- Built-in humidity sensor.

Option:

- Gateway LAN / WiFi for the Nilan App



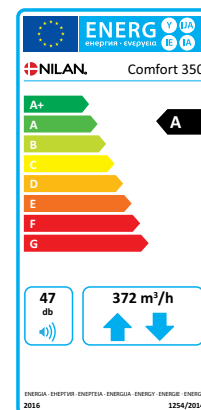
Comfort 250L/Comfort 250R - with CTS400 control

Type	Air supply	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Comfort 250L (4 pcs/pallet)	Left	71020580	250	559	550	790	Ø160	29	230	10
Comfort 250L Polar (4 pcs/pallet)	Left	71020582	250	559	550	790	Ø160	29	230	10
Comfort 250R (4 pcs/pallet)	Right	71025580	250	559	550	790	Ø160	29	230	10
Comfort 250R Polar (4 pcs/pallet)	Right	71025582	250	559	550	790	Ø160	29	230	10

FOR PROJECTS ONLY



Gateway LAN / WiFi for the Nilan App
is available as option



Comfort 350L/Comfort 350R

The Comfort 350L/R is an energy efficient ventilation unit, offering heat recovery for homes and smaller commercial buildings with ventilation requirements of up to 372 m³/h. The unit is often installed in an unused attic so it does not take up space in the utility room. It is possible to disassemble the entire front of Comfort 350L/R in that way the depth will only be 532 mm. This is a great advantage when the unit is to be placed in the attic.

Comfort 350L/Comfort 350R comprises the following:

- Counterflow heat exchanger for passive heat recovery.
- 100% automatic bypass for free cooling.
- Two low-energy EC fans.
- Integral filters Greencycle ISO 16890 Coarse 75% (G4).
- Built-in humidity sensor.

Option:

- Gateway LAN / WiFi for the Nilan App



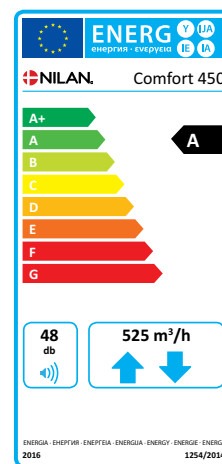
Comfort 350L/Comfort 350R - with HMI Touch panel

Type	Air supply	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Comfort 350L*	Left	71030570	372	724	566	621	Ø160	29	230	10
Comfort 350R*	Right	71035570	372	724	566	621	Ø160	29	230	10
Comfort 350L Polar**	Left	71030572	372	724	566	621	Ø160	29	230	10
Comfort 350R Polar**	Right	71035572	372	724	566	621	Ø160	29	230	10

*With CTS 602 light PCB / **With CTS 602 PCB



Gateway LAN / WiFi for the Nilan App is available as option



Comfort 450

Comfort 450 is for anyone who wants ventilation with highly efficient heat recovery and comfort heating. These systems extract hot, humid air from e.g. the kitchen, bathroom and utility room, at the same time removing dust particles, moisture and odours from the home. Furthermore, the energy from the extract air is used to heat the incoming air. Comfort 450 can replace 525 m³ air per hour.

Comfort 450 comprises the following:

- Counterflow heat exchanger for passive heat recovery.
- Automatic bypass.
- Two low-energy EC fans.
- Integral filters Greencycle ISO 16890 Coarse 75% (G4).
- Built-in humidity sensor.

Option:

- Gateway LAN / WiFi for the Nilan App



Comfort 450 - with HMI Touch panel

Type	Air supply	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Comfort 450*	Right	7114520	525	1100	650	640	Ø200	72/51,5	230	10
Comfort 450*	Left	711420	525	1100	650	640	Ø200	72/51,5	230	10

*With CTS 602 light PCB

Accessories for Comfort

Type	System	Art. no.	
Installation set (Water trap/Vibration absorber)	300 LR	9204	
Installation set (Water trap/Vibration absorber)	450	920401	
Water trap	CT200	77483	
Water trap	200 Top, 350 Top, 350L-R, CT500, 300 LR, 450	77481	
Vibration absorber (4 pieces)	200 Top, 250/350 Top, 250/350L-R, 300 LR, 450	30451	
Heating cable in drain 3 m		77581	
Expansion PCB	200 Top, 350 Top, 350L-R, CT500, 300 LR, 450	239936	
CO ₂ -Sensor kit (expansion PCB is required)	300 LR	CTS602	7134B14
CO ₂ -Sensor kit (expansion PCB is required)	CT500, 450	CTS602	7134B13
CO ₂ -Sensor kit		CTS400	9114
Functional cable			9103
Connection box			8823
Gateway - WIFI			9105
Gateway - LAN			9106
Extension cable HMI control panel			9104
Connection box for CTS602	CT200, 350 Top, 350L-R		882001
Connection box for CTS400	CT200, 200 Top, 250 Top, 250L-R		882002
Side mounted brackets	CT200		71150009
Rear mounted brackets 30 mm	CT200		71150004
Rear mounted brackets 40 mm	CT200		71150002
Connection to user selection and EM-box at fire automation system			852315
Base, aluzink	250 Top	H: 400 mm	711150001
Base, aluzink	250 Top	H: 600 mm	711150002



CTS400 control panel

CTS400 is a simple and intuitive control panel with a complex control system that contains many useful functions. When installed in rental properties, hotels etc., you can lock the panel so tenants cannot turn off the unit and/or alter the fan speed level.



CTS602 HMI Touch panel

The CTS602 HMI Touch panel is featuring a wide range of functions, e.g., menu-controlled operation, weekly programme settings, filter monitor with timer, fan speed adjustment, summer bypass (free cooling), supply-heating element control, error messages etc.

Water heating element for supplementary heating (expansion PCB included)

The heating element includes a mechanical frost thermostat, adjustment valve and temperature sensor. The water heating

element is controlled with CTS 602.

Type	System		Art. no.	Duct connection mm
Water heating element	CT200	Left	768897Z	Ø125
Water heating element	300LR	Left	768915Z	Internal fitting
Water heating element	350 Top, CT500, 350L	Left	768896Z	Ø160
Water heating element	450	Left	769064Z	Internal fitting
Water heating element	450	Right	769064HZ	Internal fitting

Water heating element (CTS400 control)

Type	System		Art. no.	Duct connection mm
Water heating element	CT200, 200 Top		768899Z	Ø125
Water heating element	250/350 Top, 250/350L-R		768898Z	Ø160

Electric heating element for supplementary heating (expansion PCB included)

The electric heating elements are installed in the air distribution system. The capacities vary from 0.6 to 3 kW, and the elements are controlled with CTS 602. The electric heating

element is provided with a safety thermostat, temperature thermostat and operating thermostat.

Type	System	Output W	Art. no.	Duct connection mm
Electric heating element 0.6 kW	CT200	600 W	764150	Ø125
Electric heating element 1.2 kW	350 Top, CT500, 300LR, 350L-R	1200 W	764151	Ø160
Electric heating element 3.0 kW	450	3000 W	764152	Ø200

Electric heating element for supplementary heating (CTS400 control)

Type	System	Output W	Art. no.	Duct connection mm
Electric heating element 0.6 kW	CT200, 200 Top	600 W	764153	Ø125
Electric heating element 1.2 kW	CT200, 200 Top, 250 Top	1200 W	764154	Ø160

Electric heating element for frostprotection

An electric heater can be purchased for frost protection. This prevents the formation of ice in the counterflow heat exchan-

ger in the event of long periods of frost.

Type	System	Output W	Art. no.	Duct connection mm
Electric heating element	CT200, 200 Top	600 W	882804	Ø125
Electric heating element	CT200, 200 Top	900 W	882805	Ø125
Electric heating element	CT200, 200 Top	1200 W	88266	Ø125
Electric heating element	250/350 Top, CT500, 300LR, 250/350L-R	1200 W	882807	Ø160
Electric heating element	250/350 Top, CT500, 300LR, 250/350L-R	2000 W	882808	Ø160
Electric heating element	450	2400 W	882809	Ø200

Filters for the Comfort range

System	Filter type	Art. no.
Comfort CT200	Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	920202
	Pollen Filter ISO 16890 ePM1 55% (F7) panel filter	3927
Comfort 200 Top	Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	920211
	Pollen Filter ISO 16890 ePM1 55% (F7)	3926601
Comfort 250/350 Top-L-R	Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	920213
	Pollen Filter ISO 16890 ePM1 55% (F7)	3955
Comfort CT500	Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	920204
	Filter set with frame ISO 16890 Coarse 75% (G4) 2 pcs.	388501
	Cassette filter ISO 16890 ePM10 50% 1 pc.	3885
	Pollen filter ISO 16890 ePM 150% (F7)	3887
Comfort 300 LR	Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	920205
	Pollen Filter ISO 16890 ePM1 55% (F7) panel filter	3926
Comfort 450	Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	920206
	Pollen Filter ISO 16890 ePM1 55% (F7) panel filter	39541



Incl. gateway LAN
for the Nilan App

Combi 400 Polar Top *Passive and active heat recovery (air/air)*

Combi 400 Polar Top combines passive and active heat recovery in one single unit. Combi 400 Polar Top recover the extracted air via the counter flow heat exchanger and the excess energy is recovered by the built-in heat pump. The combination of passive and active heat recovery obviate a heating element, because the heat pump is able to increase the supply air temperature significantly. Are able to cool the supply air and reduce the relative humidity, thus making the supply air feel much colder.

Combi 400 Polar Top comprises the following:

- Counterflow heat exchanger for passive heat recovery
- Heat pump for active heat recovery for fresh air heating
- Summer cooling function for the fresh air = Reversible heat pump
- Two low-energy EC fans
- 100% automatic bypass
- Fitted electrical heating element (frost protection)
- Incl. gateway LAN for the Nilan App



Combi 400 Polar Top - with HMI Touch panel

Type	Air supply	Art No.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Combi 400 Polar Top*	Left	701211	425	900	610	860	Ø160	88	230	13

*With CTS 602 control

Accessories for Combi 400 Polar Top

Type	Art.no.
Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	920215
Pollen filter ISO 16890 ePM1 55% (F7) (1 pc.)	930200
Electric heating element 1.2 kW	764140
CO ₂ -sensor kit	7134B14
Gateway - WIFI	9105
Gateway - LAN	9106
Extension cable HMI control panel	9104
Cover plate - HMI panel	620084
Water trap	77481
Vibration absorber (4 pieces)	77222



Incl. gateway LAN
for the Nilan App

Combi S 302 Polar Top *Passive and active heat recovery (air/air)*

Combi S 302 Polar Top combine passive and active heat recovery in one single unit. Combi S 302 Polar Top recover the extracted air via the counter flow heat exchanger and the excess energy is recovered by the built-in heat pump. The combination of passive and active heat recovery obviate a heating element, because the heat pump is able to increase the supply air temperature significantly. Are able to cool the supply air and reduce the relative humidity, thus making the supply air feel much colder.

Combi S 302 Polar Top comprises the following:

- Counterflow heat exchanger for passive heat recovery
- Heat pump for active heat recovery for fresh air heating
- Summer cooling function for the fresh air = Reversible heat pump
- Two low-energy EC fans
- Bypass
- Built-in electrical heating element (frost protection)
- Incl. gateway LAN for the Nilan App



Combi S 302 Polar Top - with HMI Touch panel

Type	Air supply	Art No.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Combi S 302 Polar Top*	Right	702102	375	600	600	1015	Ø160	87	230	13

*With CTS 602 control

Accessories for Combi S 302 Polar Top

Type	Art. no.
Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	920210
Pollen filter ISO 16890 ePM1 55% (F7) (1 pc.)	39546
Electric heating element 1.2 kW	764140
CO ₂ -sensor kit	7134B13
Gateway - WIFI	9105
Gateway - LAN	9106
Extension cable HMI control panel	9104
Cover plate - HMI panel	620084
Water trap	77481
Wall mount brackets	70210301



Incl. gateway LAN for the Nilan App

Combi 302 Polar *Passive and active heat recovery (air/air)*

Combi 302 Polar combines passive and active heat recovery in one single unit. Combi 302 Polar recovers 85-90 % of the extracted air via the counter flow heat exchanger and the excess energy is recovered by the built-in heat pump.

The combination of passive and active heat recovery obviate a heating element, because the heat pump is able to increase the supply air temperature significantly.

Combi 302 Polar is also able to cool the supply air and reduce the relative humidity, thus making the supply air feel much colder.

Combi 302 Polar comprises the following:

- Counterflow heat exchanger for passive heat recovery.
- 100% automatic bypass for free cooling
- Heat pump for active heat recovery for fresh air heating. COP > 4.
- Summer cooling function for the fresh air = Reversible heat pump.
- Two low-energy EC fans.
- Built-in electrical heating element (frost protection).
- Incl. gateway LAN for the Nilan App



Combi 302 Polar - with HMI Touch panel

Type	Air supply	Art No.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
Combi 302 Polar*	Left	701023	350	1300	580	700	Ø160	83	230	13

*With CTS 602 PCB

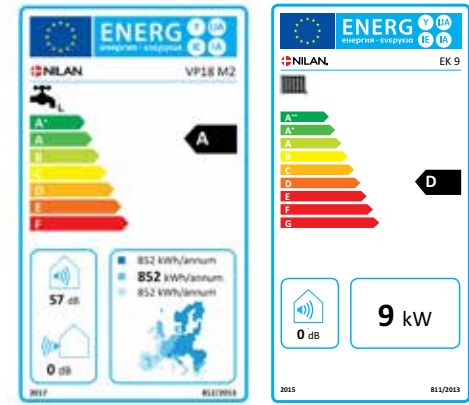
Accessories for Combi 302 Polar

Type	Art. no.
Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	920212
Pollenfilter ISO 16890 ePM1 55% (F7) 1 pc.	39520
Water trap	77481
Vibration absorber (4 pieces)	30451
CO ₂ -sensor kit	7134B13
Gateway - WIFI	9105
Gateway - LAN	9106
Extension cable HMI control panel	9104
Heating cable in drain 3 m	77581
EM-box	852001
Sonoflex silencing	Ø168 mm - 10 m 855312
Clamp for Sonoflex	Ø60 mm - Ø215 mm 86061





Gateway LAN / WiFi for the Nilan App is available as option



VP 18 M2/VP 18 M2 EK

The VP 18 M2 combines ventilation with active heat recovery, SHW production, cooling and heating in a single compact indoor climate solution. We have developed a range of systems with different functions and options that can be adapted to match the needs of each individual home. VP18 M2 is available both with and without comfort cooling.

- Two low-energy EC fans.
- Integral filters ISO 16890 Coarse 75% (G4).
- 180-litre hot water tank.
- Electrically monitored anode
- 1.5 kW electric cartridge in hot water tank.
- Humidity sensor

VP 18 M2 comprises the following:

- Heat pump for active heat recovery, fresh air heating and SHW production.

Option:

- Gateway LAN / WiFi for the Nilan App



VP 18 M2/VP 18 M2 EK - with HMI Touch panel

Type	Air supply	Art.no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
VP 18 M2 without Cooling	Right	7310323	300	600	600	2000	Ø160	150	230	10
VP 18 M2 Cooling/Solar	Right	73131426	300	600	600	2000	Ø160	150	230	10
VP 18 M2 Cooling EK 9	Right	73139623	300	600	600	2200	Ø160	150	230	16

Accessories for VP 18 M2/VP 18 M2 EK

Type	Art.no.
Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	920201
Pollenfilter ISO 16890 ePM1 55% (F7) 1 pc.	39542
Safety unit, 10 Bar	3694
Safety group with scald prevention, 10 Bar	3690
Electrically monitored sacrificial anode	19203
EM-box	852001
Gateway - WIFI	9105
Gateway - LAN	9106
Extension cable HMI control panel	9104
Cover plate - HMI panel	620084
Sonoflex silencing	855312
Clamp for Sonoflex	86061
Lifting tool	940002



Gateway LAN / WiFi for the Nilan App
is available as option

VPL 15 Active heat recovery (air/air)

The VPL 15 comprises of active ventilation- and heat recovery systems which extracts hot, humid air out of the home and uses its energy to heat or cool the fresh air.

The VPL 15 comprises the following:

- Reversible heat pump for active heat recovery, fresh air heating and cooling.
- Two low-energy EC fans.
- Built-in humidity sensor.

Option:

- Gateway LAN / WiFi for the Nilan App



VPL15 - with HMI Touch panel

Type	Air supply	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
VPL15 Cooling*	Left	7136323	400	750	415	680	Ø160	54	230	10
VPL15 Cooling*	Right	71363523	400	750	415	680	Ø160	54	230	10

*With CTS 602 PCB

Accessories for VPL15

Type	Art. no.
Filterunit 15 (only for VPL15)	79113 H
Cassettefilter ISO 16890 Coarse 65% (M5)	VPL15 3953
Cassettefilter ISO 16890 ePM1 55% (F7)	VPL15 3952
Duct filter ISO 16890 Coarse 60% (G4) 1pc.	Ø160 mm 8504
Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	360x340 mm 920207
Installation set (Water trap/Vibration absorber)	9204
Vibration absorber (4 pieces)	30451
Water trap	77481
Water heating element	Ø160 mm 768893Z
Electric heating element	1200W - Ø160 mm 764140
Expansion PCB	239936
CO ₂ - sensor kit	7134B13
EM-box	852001
Gateway - WIFI	9105
Gateway - LAN	9106
Sonoflex silencing	Ø168 mm - 10 m 855312
Clamp for Sonoflex	Ø60 mm - Ø215 mm 86061



Gateway LAN / WiFi for the Nilan App
is available as option

VPL 15 Top M2 *Active heat recovery (air/air)*

The VPL15 Top M2 comprises of active ventilation- and heat recovery systems which extracts hot, humid air out of the home and uses its energy to heat or cool the fresh air.

The VPL 15 Top M2 comprises the following:

- Reversible heat pump for active heat recovery, fresh air heating and cooling.
- Two low-energy EC fans.
- Built-in humidity sensor.

Option:

- Gateway LAN / WiFi for the Nilan App



VPL15 Top M2 - with HMI Touch panel

Type	Air supply	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
VPL15 Top M2 Cooling*	Right	7333321	400	600	600	710	Ø160	64	230	10

*With CTS 602 PCB

Accessories for VPL15 TOP M2

Type	Art. no
Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	310x260 mm 920201
Pollenfilter ISO 16890 ePM1 55% (F7)	VPL15 Top M2 39542
Duct filter ISO 16890 Coarse 60% (G4) Ø160 mm 1pc.	Ø160 mm 8504
Installation set (Water trap/Vibration absorber)	9204
Vibration absorber (4 pcs.)	30451
Water trap	77481
Water heating element	Ø160 mm 768893Z
Electric heating element	1200W - Ø160 mm 764140
Expansion PCB	239936
EM-box	852001
Gateway - WIFI	9105
Gateway - LAN	9106
Extension cable HMI control panel	9104
Cover plate - HMI panel	620084
Sonoflex silencing	Ø168 mm - 10 m 855312
Clamp for Sonoflex	Ø60 mm - Ø215 mm 86061
Wall mount brackets	70210301



Gateway LAN / WiFi for the Nilan App is available as option

VPL 28 *Active heat recovery (air/air)*

VPL 28 comprises of active ventilation- and heat recovery systems which extracts hot, humid air out of the home and uses its energy to heat or cool the fresh air. The VPL 28 can replace up to 1,000 m³/h and is designed for home areas of up to 700 m²

The VPL 28 comprises the following:

- Reversible heat pump for active heat recovery and fresh air heating.
- Two low-energy EC fans.
- Built-in humidity sensor.

Option:

- Gateway LAN / WiFi for the Nilan App



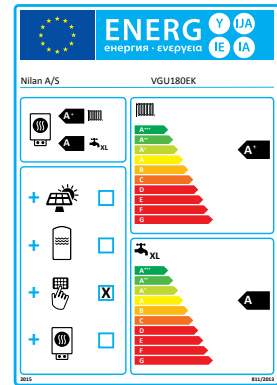
VPL28 - with HMI Touch panel

Type	Air supply	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
VPL28 Cooling*	Left	71252322	1.000	700	570	765	Ø250	65	230	10

*With CTS 602 PCB

Accessories for VPL28

Type	Art. no
Filterunit 28 incl. filter sheets	7912H
Filterunit 28 incl. bag filters	79121H
Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	330x525 mm 920208
Bag filter ISO 16890 ePM10 50% (M5)	FU28 3781
Bag filter ISO 16890 ePM1 50% (F7)	FU28 3780
Duct filter ISO 16890 Coarse 60% (G4) 1 pc.	Ø250 mm 85063
Installation set (Water trap/Vibration absorber)	920401
CO ₂ - sensor kit	7134B13
Gateway - WIFI	9105
Gateway - LAN	9106
Water heating element	Ø250 mm 768983Z
Electric heating element	3000W - Ø250 mm 764142
Expansion PCB	239936



VGU 180 EK *Active heat recovery (air/water)*

VGU 180 EK extracts the poor, humid air from kitchens, bathrooms and utility rooms. New air is supplied to the dwelling by valves in windows or exterior walls. The energy from the extracted air is reused to provide heating to the dwelling by water-borne underfloor heating or low-temperature radiators and to produce domestic hot water.

VGU 180 EK has an adjustable ventilator which can be set to extracting an air volume up to 325 m³/h.

The stainless steel hot water tank has a volume of 180 l which is perfect suitable for providing domestic hot water to an average family.

VGU 180 EK comprises the following:

- Heating pump for space heating as well as for domestic hot water production.
- Two low-energy EC fans.
- 180 l stainless steel hot water tank.
- 1.5 kW electrical completion for domestic hot water.
- 9 kW electrical completion for underfloor heating
- CTS602 control/HMI Touch panel

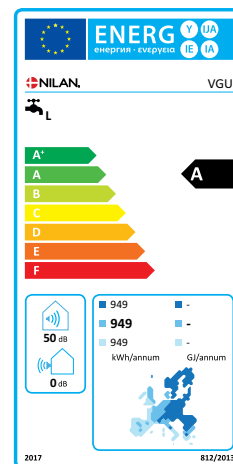


VGU 180 EK - with CTS602 control / HMI Touch panel

Type	Air supply	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Vægt kg	Volt	Amp
VGU 180 EK	-	722092B02	325	600	675	1973	Ø160	140	3x400	16

Accessories for VGU 180 EK

Type	Art. no.
Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	530x175 mm 920200
Sonoflex silencing	Ø168 mm - 10 m 855312
Clamp for Sonoflex	Ø60 mm - Ø215 mm 86061
Safety unit, 10 Bar	3694



VGU 250 *Active heat recovery (air/water)*

VGU 250 extracts hot, humid air from the home and the energy from the extracted air is then recycled for production of domestic hot water. The VGU range can replace up to 325 m³/h and is calculated for a home area of up to 230 m².

The VGU 250 comprises the following:

- Solar = Supplementary coil in the hot water tank, which can be connected to solar heating systems or other heat sources.
- Heat pump for active heat recovery for hot water production.
- Stepless low-energy EC fan (325 m³/h).
- 180-liter hot water tank.
- Sacrificial anode as corrosion protection.
- 1.5 kW auxiliary immersion heater in hot water tank.
- The control can be manually adjusted using a 4-step switch.

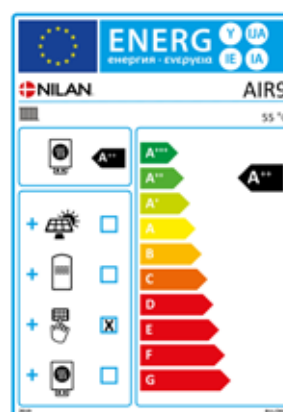
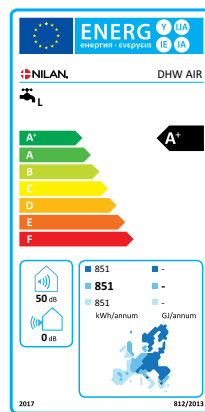


VGU250

Type	Air supply	Art. no.	m ³ /h	W mm	D mm	H mm	Duct connection mm	Weight kg	Volt	Amp
VGU250 M2 Sol w/180L	-	722502	325	600	600	1810	Ø160	146	230	10

Accessories for VGU250

Type	Art. no.
Greencycle Filter sheet ISO 16890 Coarse 75% (G4) 8 pcs.	920209
Safety unit, 10 Bar	3694
Anode	1920



DHW AIR - with CTS602 HMI Touch panel

DHW AIR is an energy-efficient and compact solution for all types of renovation projects and new builds. It is the obvious alternative to current energy sources such as oil or gas boilers. DHW AIR produces domestic hot water and heats the radiators and under floor heating of the dwelling by means of the extremely energy-efficient and low-noise air to water heat pump, AIR9. DHW AIR requires limited space and is a well-designed solution for utility rooms with no space for installation of a tank since a 180 l hot water tank and a 50 l buffer tank are already integral parts of the unit.

DHW AIR comprises the following:

- 180 l foamed domestic water tank.
- 50 l foamed buffer tank with temperature sensor and 2 x 3 kW supplemental electric heating.
- Frame with 10 l expansion tank.
- CTS602 HMI Touch panel with large colour display and programmable functions.
- Incl. gateway LAN for the Nilan App



DHW AIR - with CTS602 control / HMI Touch panel

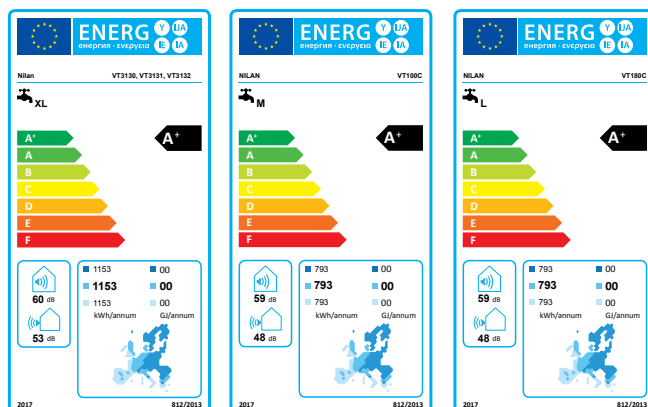
Type	Product no.	W mm	D mm	H mm	Weight kg	Volume l	Volt	Amp
DHW AIR	741401	900	599	1562	185	180	3x400V+N+PE	16

Nilan AIR (Outside part)

Type	Art. no.	W mm	D mm	H mm	Weight kg	Heating kW	Volt	Amp
AIR9 (Aluzinc)	74109U30	938	673	1318	165	9	230+N+PE	16
AIR9 (White / Aluzinc)	74109U31	938	673	1318	165	9	230+N+PE	16
AIR9 (White)	74109U33	938	673	1318	165	9	230+N+PE	16

Accessories for Nilan AIR (Outside part)

Type	Art. no.
Slatted frame, backside (Aluzinc)	74109U004
Slatted frame, backside (White / Aluzinc)	74109U005



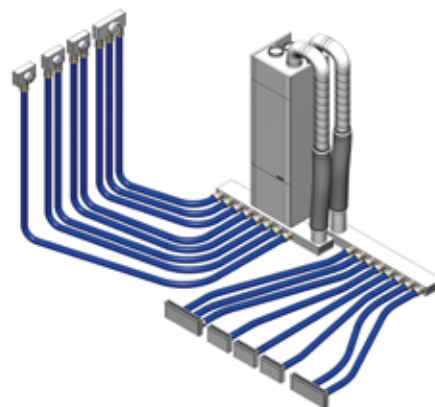
VT range *Active heat recovery (air/water)*

The VT range is extraction units with highly efficient active heat recovery that utilise the energy in the air for domestic hot water production.

The units can extract 200 - 300 m³/h and are designed for installation in utility or technical rooms.



Type	Art. no.	m ³ /h	Diameter mm	W mm	D mm	H mm	Volume l	Duct connection mm	Weight kg	Volt	Amp
VT3130	72304VT	200-300	707	-	-	1.768	270	Ø160	130	230	13
VT3131	72305VT	200-300	707	-	-	1.768	258	Ø160	153	230	13
VT3132	72306VT	200-300	707	-	-	1.768	250	Ø160	175	230	13
VT100C	72308VT	200-300	-	540	757	1.176	165	Ø160	56	230	16
VT180C	72309VT	200-300	-	540	757	1.576	217	Ø160	70	230	16



NilAIR® Air-distribution

NilAIR is a simple, compact and flexible air distribution system. The system provides optimum air quality, while taking up minimum space and very little time as it is easily and quickly installed.

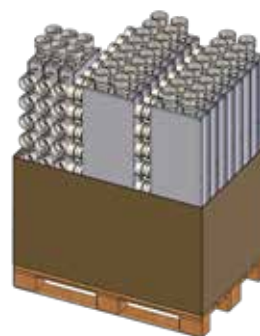
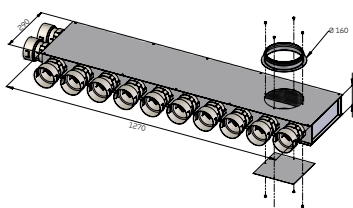
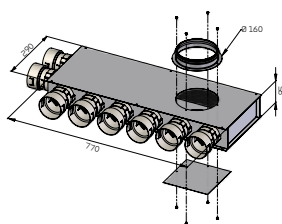
The air distribution system can be fitted in the floor, wall or ceiling. The tubes are only 75 mm in diameter but very strong and flexible. This means that NilAIR is suitable for use even

in the most special constructions where space is a decisive parameter.

NilAIR is connected to a ventilation system and comprises easy-to-clean, robust and anti-corrosive elements, which are available in various sizes and versions. The system can therefore be adapted to meet your exact needs and provides countless possibilities.

NilAIR tubes

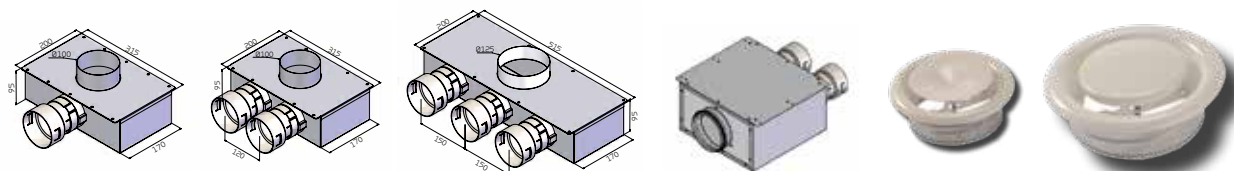
Type		Art. no.
NilAIR tube (Ø75)	Ø75 mm - 50 m	8075
Duct-to-duct connector	Ø75	W441001
End cap	Ø75	W429090
NilAIR tube (Ø90)	Ø90 mm - 50 meter	8074
Duct-to-duct connector	Ø90	W541001



Distribution manifold

Type		Art. no.
Unibox	8 connectors	DK401208
Unibox	8 connectors	DK401208
Unibox	12 connectors	DK401212
Unibox	12 connectors	DK401212
Combox	6 connectors	8528205
Combox	10 connectors	DK431010

* Pallet price - price pr. unit at pallet purchase. A pallet contains 22 units.

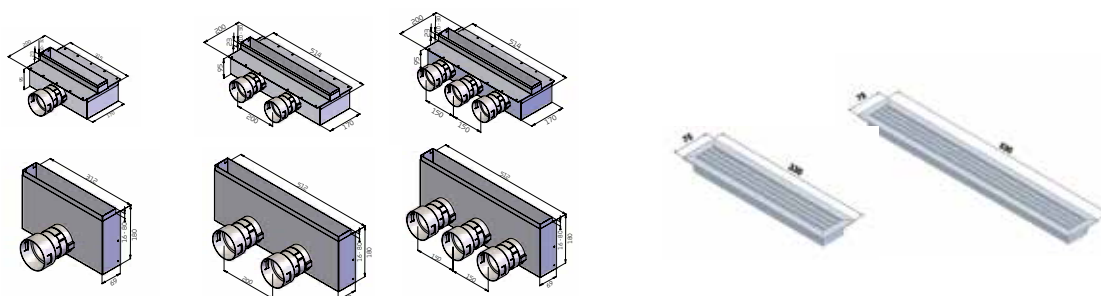


Supply/extract air boxes - for valves

Type		Art. no.
Low box for valve	Ø100 - 1 connector	DK412001
Low box for valve	Ø100 - 2 connectors	DK412002
Low box for valve	Ø125 - 3 connectors	DK412003
Supply air boxes for valve above door	Ø125 - 2 connectors	8528204
Supply air boxes for valve above door	Ø125 - 3 connectors	8528203

Valves

Type		Art. no.
KU - Extraction valve	Ø100	86891
KU - Extraction valve	Ø125	86911
KI - Air supply valve	Ø100	86591
KI - Air supply valve	Ø125	86611
KIR - Air supply valve	Ø100	8675
KIR - Air supply valve	Ø125	8677



Supply air boxes - for grilles

Type		Art. no.
High box for grille with telescopic part	300x60 - 1 connector	DK408001
High box for grille with telescopic part	500x60 - 2 connectors	DK408002
High box for grille with telescopic part	500x60 - 3 connectors	DK408003
Low box for grille with telescopic part	300x60 - 1 connector	DK409001
Low box for grille with telescopic part	500x60 - 2 connectors	DK409002
Low box for grille with telescopic part	500x60 - 3 connectors	DK409003
Adjustment component for grille box		W041100

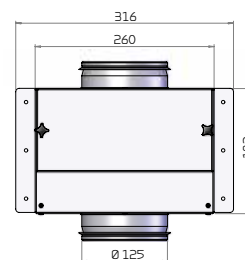
Grilles

Type		Art. no.
NilAIR grille	Int. 300x50/Ext. 330x75 mm	W043005
NilAIR grille	Int. 500x50/Ext. 530x75 mm	W045005



Sonoflex - silencing

Type		Art. no.
Sonoflex silencing Ø108 mm	6 m	854801
Sonoflex silencing Ø133 mm	6 m	855101
Sonoflex silencing Ø168 mm	10 m	855312
Sonoflex silencing Ø203 mm	8 m	85551
Clamp for Sonoflex	Ø60 mm - Ø215 mm	86061



EM-box and Cooker hood filter box

Type		Art. no.
EM-box	325 m ³ /h	852001
Cooker hood filter box		8522
Steel filter for filter box and EM-box		3970
DTBU-damper	Ø160 mm	8427

EM-box

The EM-box can be connected to Nilan's ventilation units. An EM-box enables heat recovery via the home's cooker hood, utilising the heat generated from cooking.

When the cooker hood is switched off, the basic ventilation takes place via the hood. When more powerful extraction is needed, e.g. during cooking, a damper in the hood is opened. At the same time, the damper in the EM-box will regulate the air extraction from other rooms as a part of the basic ventilation, so that the primary air extraction takes place via the hood.

If a larger air volume is needed for the hood to provide effective extraction, the ventilation unit will increase the air volume. When the hood is switched off, ventilation will return to normal operation.

The EM-box can be placed above the extraction hood, or at any point between the aggregate and hood.

Cooker hood filter box

If the EM box cannot be optimally located, a cooker hood filter box can be used instead. The cooker hood filter box takes up less space and can be located adjacent to the hood. For the cooker hood filter box solution a DTBU damper must be placed in the extract air duct before the cooker hood.



GENERAL TERMS OF DELIVERY

UNLESS OTHERWISE AGREED IN WRITING, Nilan A/S delivers their products as follows:

Quotations

All quotations are subject to confirmation in respect of price, quantity, delivery period, and the possibility of effecting delivery. Buyer's order shall be considered as accepted only after Nilan A/S has formally acknowledged it in writing.

Price adjustments and quantity variations

Nilan A/S reserve to themselves the right to adjust the price in the case of fluctuation in the exchange rate, rises in the price of materials, changes in the cost of labor, transport charges, tariff rates, Government interference or other circumstances beyond the control of Nilan A/S. Besides Nilan A/S shall be entitled to deviate plus/minus 10 per cent from the total quantities specified.

Retention of ownership

The goods shall remain the undisputed property of Nilan A/S until - whole sum owing has been paid. However, according to fair trading principles the purchaser shall be entitled to have the control of the goods.

Delivery estimates and liability

Any time or date for delivery is given and intended as an estimate. No liability is accepted by Nilan A/S for delays caused by strike, lockout, stoppage of work or the like or owing to Government measures, transport hindrances, including ice obstacles or breakdown of means of transportation, delayed or unsatisfactory delivery of materials ordered in due time, failing power supply or such production difficulties or other circumstances as are beyond the control of Nilan A/S. Cancellation of orders cannot be accepted unless a proviso on the subject has been included in a special agreement.

Reservation on technical specifications

Nilan A/S makes reservation in respect of any misleading information which might have been given in pamphlets, instructions, drawings, technical data and other specifications or oral technical service. The purchaser can in no way invoke the aforesaid material in support of a claim, if any.

Right to product modifications

Nilan A/S reserve the right to alter their products without

previous notice when the alteration does not affect their quality, performance or appearance. This also applies to products on order.

Guarantee and service obligations

Unless otherwise agreed in writing the purchaser takes over the guarantee and service obligations.

Liability for damages

In case of a delivery from Nilan A/S causing damage the liability for personal injury rests with Nilan A/S on condition that it is proved that the damage is caused by actions performed or failures made by Nilan A/S. Nilan A/S are not liable for damage to real or personal property. In no circumstances shall Nilan A/S be liable for consequential loss, loss of profit or any other indirect loss sustained. In case liability towards a third party is imposed on Nilan A/S, the purchaser is bound to indemnify Nilan A/S in so far as such a liability exceeds the limits stipulated above.

The purchaser is bound to have himself sued at the same court of law which tries cases concerning claims for damages against Nilan A/S on account of damages alleged to have been caused by a defect in one of the deliveries made by Nilan A/S.

Complaints and payment terms

Complaints, if any, shall be received by Nilan A/S not later than 8 days after the arrival of the goods. Complaints do not entitle the purchaser to disregard the terms of payment.

Interest on overdue payments

If terms of payment are exceeded interest of 2.00 per cent per month will be charged.

Dispute resolution

Disputes arising in consequence of the agreement and the conditions laid down herein shall be settled in accordance with Danish law and the local court of the district in which Nilan A/S are domiciled.

Severability clause

In event of a condition in these terms of business or a condition within the framework of another agreement being or becoming void, the validity of all other conditions or agreements shall not be affected by this.

Guarantee terms and conditions

Nilan offers a 2 year guarantee on all products from the documented date of installation. Please note that the guarantee does not cover damages or faulty functions resulting from the following:

1. The product has not been installed in accordance with the current instructions. Please see Nilan's installation instructions for the relevant product.
2. The product has been installed in a place where services cannot be carried out easily. If the product is difficult to access, Nilan disclaims all responsibility for any expenses this may result in.
3. Damages resulting from wear and tear, lack of maintenance or similar. The product has been connected to a temperature, voltage or pressure that differs from what is specified on the data plate.
4. Damages resulting from overvoltage, lightning strikes, fire, frost or leaking water and hidden water installations etc.
5. Damages resulting from lime scale, overpressure, dust, acidic/alkaline air or from boiling dry.
6. Damages to electrical components that have been exposed to dampness because the product has not been in normal operation.
7. Damages resulting from a lack of maintenance or check-ups of the product. Check-ups of the heat pump must be carried out in accordance with current legislation. The guarantee is no longer valid if the legally required check-ups have not been carried out. You must be able to provide documentation for the legally required check-ups at any time.
8. Expenses for start-up, for checks of the balance and for cleaning of the product.
9. Increased or added expenses in connection with work carried out during the weekend, on bank holidays or outside of normal working hours.
10. Losses such as production downtime, lost profits, operational losses, or other indirect losses and consequential damages are not covered.

If a claim falls under one of the points listed above, the job will be invoiced.

Storage fee and delayed delivery

Nilan reserves the right to charge storage fees if delivery is postponed at the buyer's request or cannot take place due to the buyer's non-payment. The storage fee is calculated from the originally agreed delivery date and amounts to 3.00 DKK per day for residential units and 15.00 DKK per day for commercial units.

Additionally, a fee of 120 DKK per stored unit will be charged.

The buyer is obligated to pay the storage fee and any handling costs together with all other amounts due as per the invoice. Nilan reserves the right, at its sole discretion, to store the goods at an external facility if deemed necessary. Any additional costs incurred as a result of external storage, including transport, handling, and storage fees, will be invoiced to the buyer.

The above terms apply unless otherwise agreed in writing between the parties. The buyer acknowledges that storage of the goods is at the buyer's expense and risk and that ownership of the goods will only transfer to the buyer upon full payment received by Nilan.



NILAN develops and manufactures premium-quality, energy-saving ventilation and heat pump solutions that provide a healthy indoor climate and low-level energy consumption with the greatest consideration for the environment.

In order to facilitate each step in the construction process - from choosing the solution through to planning, installation and maintenance - we have created a series of information material which is available for download at www.nilan.dk.

WWW.NILAN.DK

Visit us at www.nilan.dk to find out more about our company and solutions, download further information and find your nearest dealer.

