

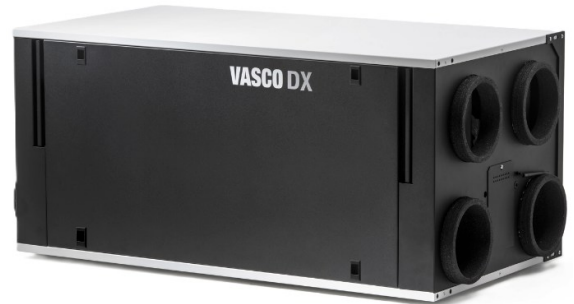
DX4/5/6

Description

Vasco ventilation units type DX4/DX5/DX6 with heat recovery, suitable for permanent, continuous mechanical ventilation.

This unit is approved according to:

- ✓ EN308 / EN13141-7 and, for Belgium, also according to EN 308 Annex G, whereby the unit is included in the EPB product data database under category "4.4 Fan and ventilation unit" with code 4.4.2 Double airflow with heat recovery.
- ✓ RG quality declaration and equivalence declaration for the Netherlands.



The ventilation unit is CE marked and complies with the following directives: 2014/53/EU (Radio Equipment Directive), 2014/35/EU (Low Voltage Directive) and 2014/30/EU (EMC Directive).

General characteristics

- Maximum flexibility: both vertical and horizontal installation (with a 3° slope for optimal condensate drainage)
- Painted metal casing with airtight internal EPP construction (expanded polypropylene)
- Reversible airflow possible through mirrored installation
- Indoor air supply and extract duct connections at top and/or bottom
- High-efficiency plastic heat exchanger

Ventilation & control

- DC radial fans with backward-curved blades
- Automatic, pressure-independent speed control for constant airflow
- Fully automatic modulating bypass (Free-cooling)

Control & communication

- RF 3-position switch:
 - Wall mounting (surface-mounted)
 - 3 ventilation speeds + Timer function + Auto mode
 - Adjustable maximum airflow
 - LED feedback
 - Battery powered (3V Lithium CR2450N)
- 3-position contact, control via e.g. building management system
- 1-10 V contact, control via e.g. building management system
- Alarm contact closes in case of malfunction or dirty filters

Filters

- ISO16890 Coarse 65 % (= G4 according to EN779) for extract air
- ISO16890 ePM1 55 % (= F7 according to EN779) for supply air

Included accessories

- Dry siphon
- RF 3-position switch



DX4/5/6

Optional extensions

- Electric preheating element:
 - Ohmic resistance
 - Insulated
 - Power variants: 1.2 kW or 1.8 kW
 - Surface-mounted installation (DN180)
- Additional RF 3-position switches
- Demand control via RF RH (humidity) switch (powered by 2x1.5V AA batteries)
- Demand control via RF CO₂ surface-mounted switches (230 V AC power supply)
- Control via Vasco Climate Control App via Gateway
- Mounting support for free-standing vertical or horizontal installation



RF 3-position switch



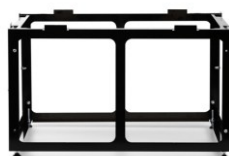
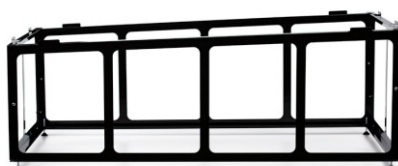
RF CO₂ switch surface-mounted



RF RH switch



Gateway for Vasco Climate Control App



Mounting support
"horizontal" & "vertical"



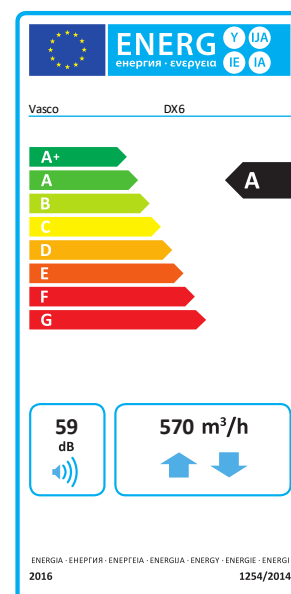
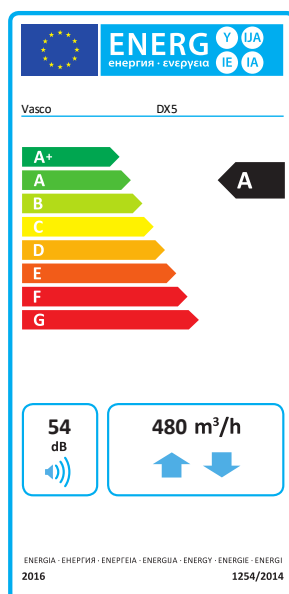
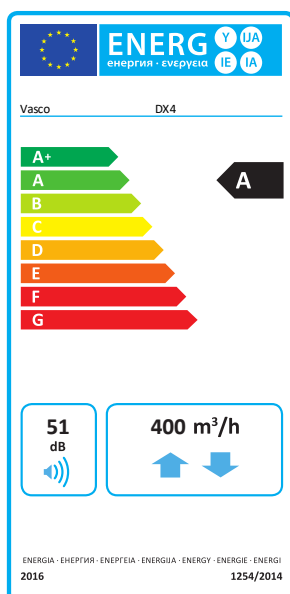
Preheating element

DX4/5/6

Technical data

	DX4	DX5	DX6
Dimensions (h x w x d)	1330 x 588 x 685 mm	1330 x 588 x 685 mm	1330 x 588 x 685 mm
Dimensions including packaging (h x w x d)	1438 x 623 x 720 mm	1438 x 623 x 720 mm	1438 x 623 x 720 mm
Weight	49.8 kg	49.8 kg	49.8 kg
Weight including packaging	62.5 kg	62.5 kg	62.5 kg
Power supply voltage	230 V AC	230 V AC	230 V AC
Maximum airflow at 100 Pa	400 m ³ /h	480 m ³ /h	570 m ³ /h
Maximum airflow at 150 Pa	380 m ³ /h	450 m ³ /h	545 m ³ /h
Thermal efficiency according to EN13141-7	92.7 %	91.8 %	92.2 %
Thermal efficiency according to EN308 Annex G	87 % at 400 m ³ /h 88 % at 325 m ³ /h 89 % at 250 m ³ /h	89 % at 500 m ³ /h 89 % at 480 m ³ /h 89 % at 450 m ³ /h	88 % at 600 m ³ /h 88 % at 570 m ³ /h 88 % at 550 m ³ /h
Power consumption	2 x 83 W	2 x 115 W	2 x 169 W
Energy label	A	A	A
Energy label with 2 sensors (CO ₂ or RH (humidity))	A+	A+	A+
Sound level unit emission (70 % Qmax @ 50 Pa)	51.0 dB(A)	54.0 dB(A)	59.0 dB(A)
Sound level supply duct (70 % Qmax @ 50 Pa)	46.0 dB(A)	51.0 dB(A)	56.0 dB(A)
Sound level extract duct (70 % Qmax @ 50 Pa)	43.0 dB(A)	47.0 dB(A)	51.0 dB(A)

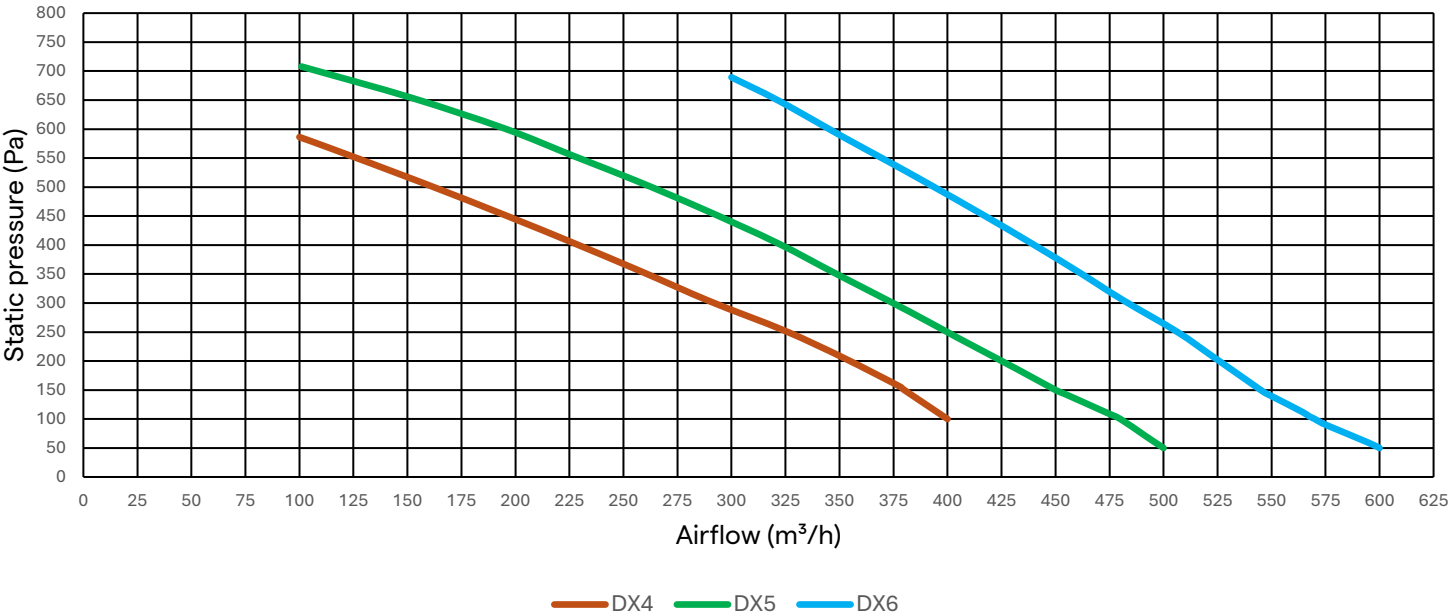
EU energy label (EPREL)



DX4/5/6

Technical data

Characteristic curve



Indicative electrical power consumption

DX4		
Q [m³/h]	p [Pa]	P [W]
400	100	152

380	150	154
	125	148
	100	141

350	175	151
	150	147
	125	135
	100	123

325	200	154
	175	140
	150	125
	125	118
	100	110

300	200	130
	175	125
	150	119
	125	108
	100	96

DX5		
Q [m³/h]	p [Pa]	P [W]
500	50	191

480	100	197
-----	-----	-----

450	150	200
	125	197
	100	185

425	150	198
	125	184
	100	176

400	200	188
	175	181
	150	179
	125	166
	100	157

DX6		
Q [m³/h]	p [Pa]	P [W]
600	50	332

570	100	329
-----	-----	-----

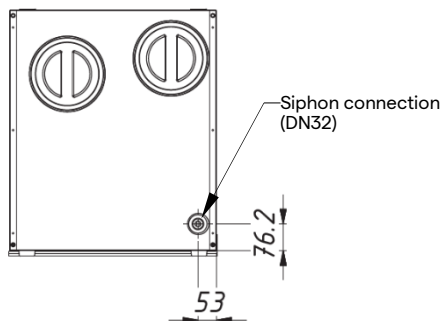
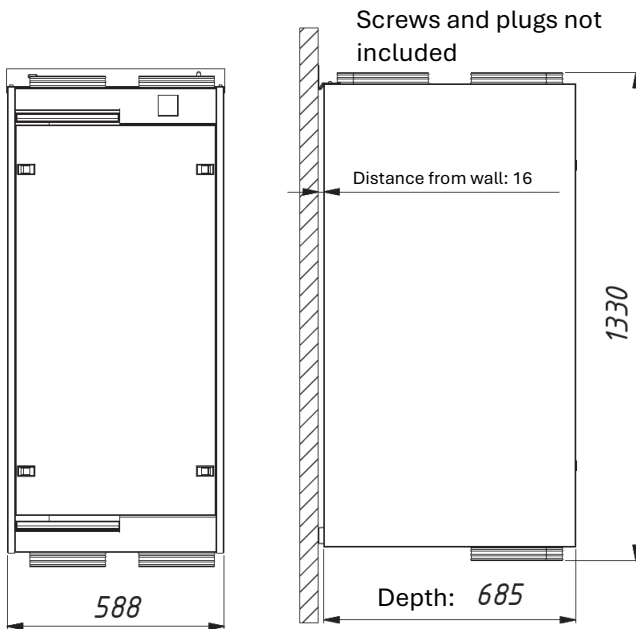
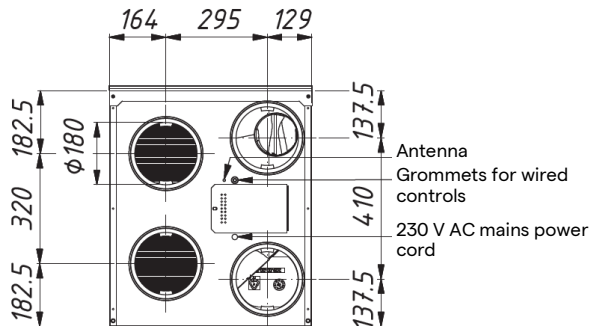
545	150	332
	125	314
	100	313

525	150	318
	125	308
	100	299

500	200	312
	175	308
	150	301
	125	278
	100	264

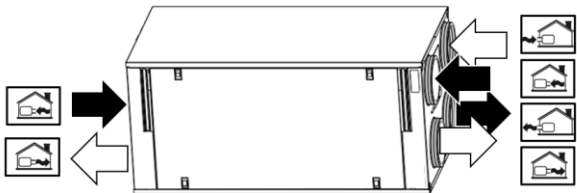
DX4/5/6

Dimensional drawings and connections

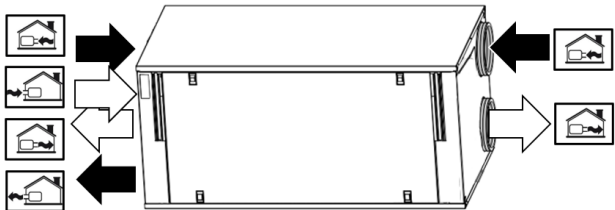


Dimensions in mm

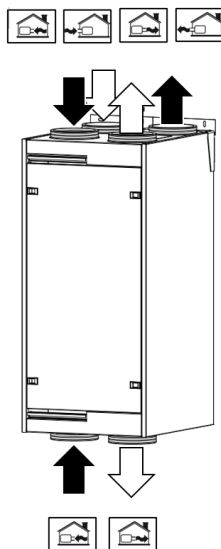
Standard configuration horizontal



Mirrored configuration horizontal



Standard configuration vertical



Mirrored configuration vertical

