



# X350/425/500

## DESCRIPTION

Vasco X350/425/500 ventilation units are of the heat recovery type and are suitable for permanent, continuously running mechanical ventilation.

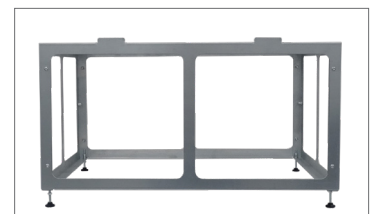
As standard these units are equipped with:

- compact ventilation unit for wall mounting
- indoor air duct connections at top and bottom with free choice of connection (top, bottom, combination of both)
- reversibility of the airflows by mirrored mounting
- painted metal housing
- internal airtight EPP (expanded polypropylene) construction
- high efficiency plastic heat exchanger
- direct current radial fans with backward curved blades
- constant air flow rate through automatic and pressure-independent speed control
- modulating and automatic bypass (summer night ventilation)
- alarm contact
- 3-position contacts for external control
- 0-10 V signal for external control (by a home automation system, for example)
- a F7 filter for the supply side and a G4 filter for the exhaust side, filters in accordance with EN779-ISO16890 F7- ePM1 55%, G4- COARSE 65%
- the possibility of combining up to 3 ventilation units on one or more controls
- the possibility of combining up to 20 RF switches (3 positions/CO<sub>2</sub>/RH (humidity)) with 1 ventilation unit
- dry siphon
- RF 3-position switch:
  - wall mounting structure
  - 3 ventilation positions + Timer position + Auto position
  - set maximum airflow
  - LED feedback
  - battery powered (3V Lithium CR2450N)



## OPTIONS

- Electric preheating element
- Extra RF switches
- Demand response via RH (humidity) RF remote control (2x1.5V AA)
- Demand response via CO<sub>2</sub> RF remote control (1x230V+N)
- Control via Timer module with LCD display (1x230V+N)
- Control via Vasco Climate Control App (Gateway)
- Mounting bracket allowing free-standing vertical installation



Mounting support



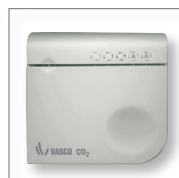
Preheating element



RF switch



RH RF remote control



CO<sub>2</sub> RF remote control



Timer module



Gateway for Vasco Climate Control App

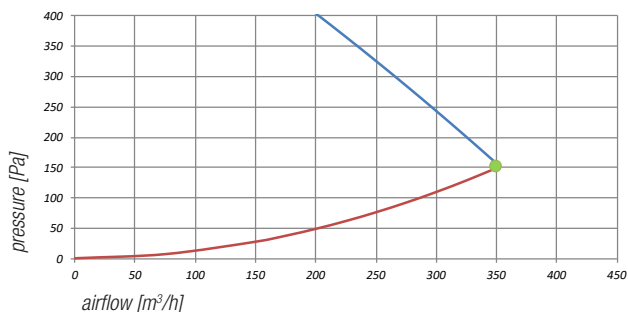


# X350/425/500

## TECHNICAL DATA

		X350			X425			X500		
Dimensions (hwxwx)	mm	724 x 764 x 560			724 x 764 x 560			724 x 764 x 560		
Weight	kg	45,4			45,4			45,4		
Weight including packaging	kg	54			54			54		
Supply voltage	V	230			230			230		
Maximum airflow at 150 Pa	m <sup>3</sup> /h	350			425			500		
Efficiency in accordance with EN13141-7	%	90,5%			89,5%			87,8%		
Efficiency in accordance with EN308 annex G	%	84% at 350 m <sup>3</sup> /h			82% at 425 m <sup>3</sup> /h			NA		
	%	86% at 295 m <sup>3</sup> /h			83% at 400 m <sup>3</sup> /h			NA		
	%	87% at 250 m <sup>3</sup> /h			84% at 370 m <sup>3</sup> /h			NA		
Energy consumption	W	2 x 83			2 x 115			2 x 115		
Energy label		A			A			A		
Energy label with 2 sensors (CO <sub>2</sub> or RH (humidity))		A+			A+			A+		
Sound power at 70% Q <sub>vmax</sub> at 50 Pa	dB	47,5			49			50,5		
Fan mode		1	2	3	1	2	3	1	2	3
Capacity	m <sup>3</sup> /h	87	175	350	106	212	425	125	250	500
Pressure	Pa	11	42	150	11	42	150	11	42	150
Power	W	15	34	153	14	43	235	16,4	53,0	279,4
Electric current	A	0,12	0,26	1,33	0,12	0,33	1,79	0,14	0,40	2,25

GRAPH X350

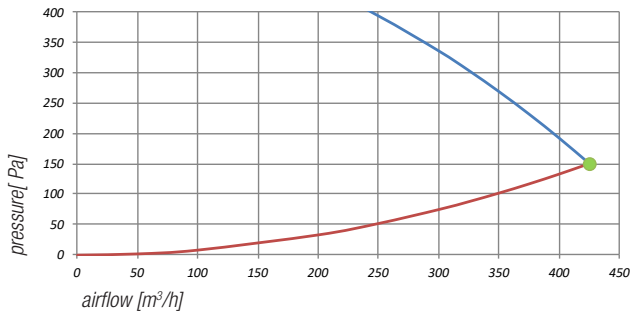


Indicative electrical power consumption X350			Indicative electrical power consumption X350		
Q [m <sup>3</sup> /h]	P [Pa]	P [W]	Q [m <sup>3</sup> /h]	P [Pa]	P [W]
325	200	154	250	200	106
	175	143		175	99
	150	136		150	92
	125	125		125	85
	100	114		100	77
300	200	137	225	200	96
	175	129		175	88
	150	120		150	81
	125	108		125	74
	100	102		100	69
275	200	119	200	200	89
	175	112		175	81
	150	104		150	70
	125	95		125	65
	100	89		100	58



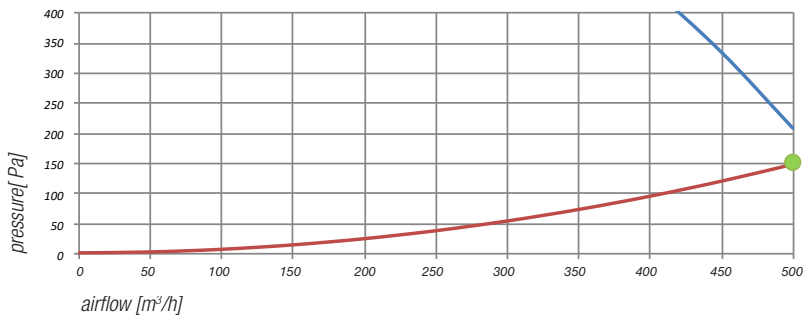
# X350/425/500

GRAPH X425



Indicative electrical power consumption X425			Indicative electrical power consumption X425		
Q [m³/h]	P [Pa]	P [W]	Q [m³/h]	P [Pa]	P [W]
425	200	226	350	200	159
	150	198		175	147
400	200	198		150	139
	175	189		125	127
	150	181	100	121	
	125	166	325	200	136
100	155	175		132	
200	178	150		122	
175	166	125		111	
375	150	156	100	103	
	125	147	300	200	126
	100	137		175	118
				150	109
		125		100	
			100	91	

GRAPH X500

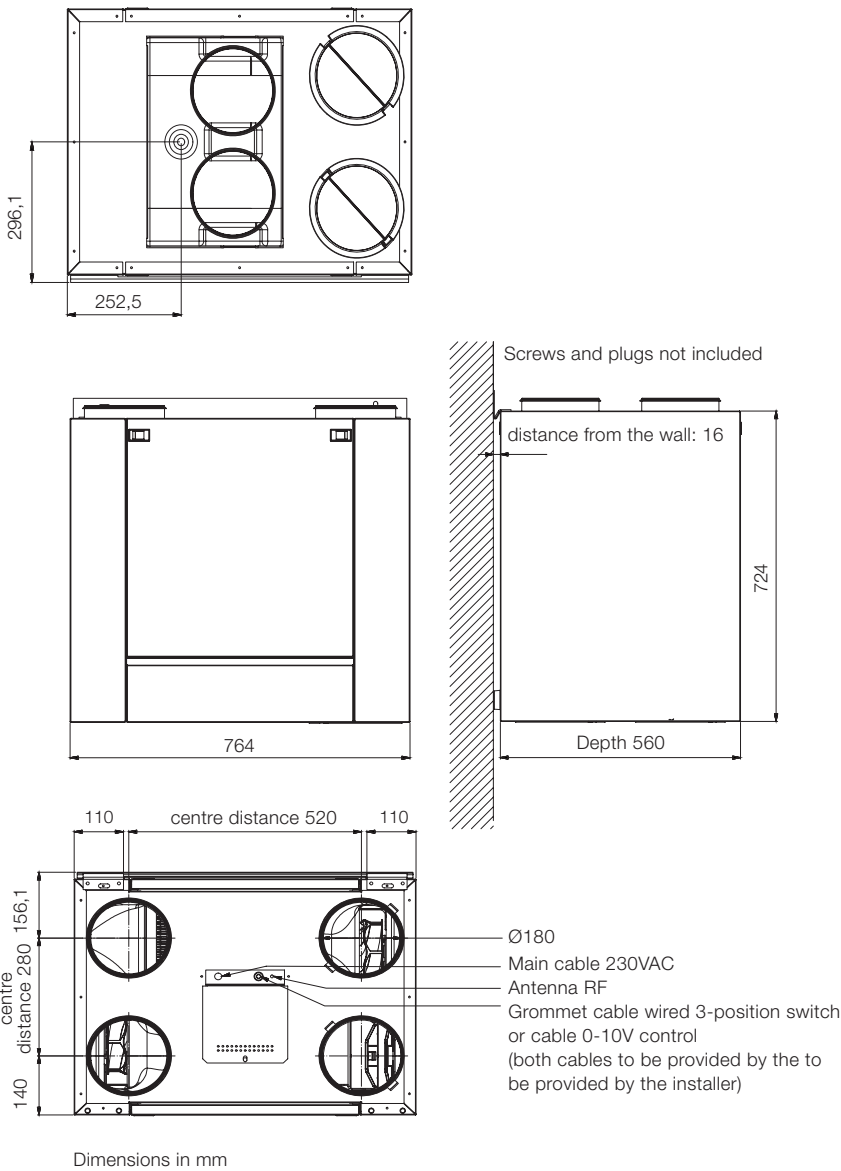


Indicative electrical power consumption X500		
Q [m³/h]	P [Pa]	P [W]
540 max)	200	345
563 max)	150	346
525	200	314
	150	288
500	200	285
	150	259

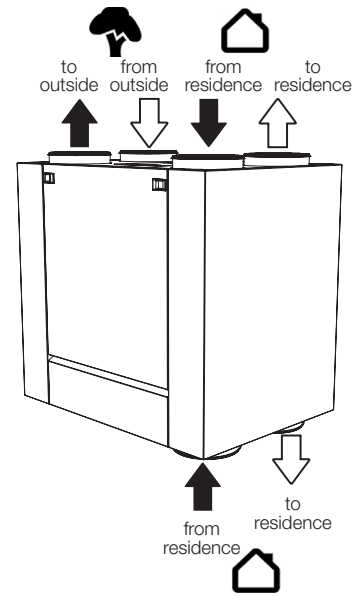


# X350/425/500

## DIMENSIONAL DRAWINGS AND CONNECTIONS



### STANDARD CONFIGURATION RIGHT



### MIRRORED CONFIGURATION LEFT

