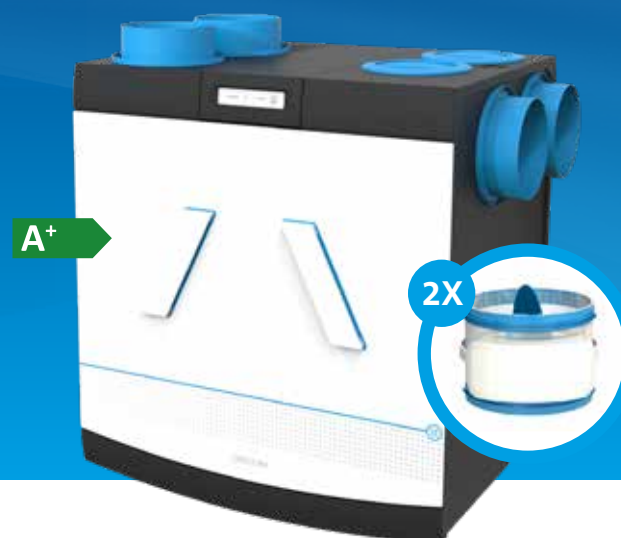


TECHNICAL SPECIFICATIONS

HRC-570 EcoSmart/SmartComfort

- Up to 5db noise reduction compared to HRC EcoMax/ MaxComfort
- Available in SmartComfort version with pre-heater and Epm 70% supply filter
- A+ energy label
- Smart modulating 2 zone control including humidity control
- Wireless communication device/zone valves and zone valves/CO2 sensors
- Suitable for input flow rate of 570 m³/h
- Highest efficiency (more than 99%) and lowest power consumption in the market
- Flexible installation (8 connection options; 2-zone valves can be fitted directly into the unit)
- Easy adjustment via zone valve menu (optimal balance thanks to adjustment at constant volume)
- Efficient and very quiet



PRODUCT DESCRIPTION:

THE HRC ECOSMART AND SMARTCOMFORT ARE DEMAND-CONTROLLED DUAL-ZONE VENTILATION SYSTEMS WITH INTELLIGENT CO₂-CONTROLLED DUAL-ZONE CONTROL BASED ON WIRELESSLY COMMUNICATING VALVES. THE SMARTCOMFORT HAS A PRE-HEATER AS AN EXTRA ADVANTAGE, WHICH ENSURES OPTIMAL COMFORT IN THE WINTER.

	HRC-570 EcoSmart	HRC-570 SmartComfort
Article number	22001100	22001105
Air flow rate at 200 Pa	570 [m ³ /h]	570 [m ³ /h]
Max. permissible duct resistance	400 [Pa]	400 [Pa]
Thermal efficiency ¹	99,7%	99,7%
Electrical connection	Earthing	Earthing
Energy class	A+	A+
Channel connection	3x 180 & 2 x 160	3x 180 & 2 x 160
Bypass	Yes, 100%	Yes, 100%
Frost protection	Imbalance	Pre-heater
Filter class (ISO16890)	Supply: Coarse 65% Drain: Coarse 65%	Supply: ePM1 70% Drain: Coarse 65%
Constant volume control	Yes, up to 1% accuracy	Yes, up to 1% accuracy

¹ Measurement in accordance with NEN 5138.

Physical characteristics		
Dimensions (BxDxH)	[mm]	760x600x830
Weight	[Kg]	35
Housing material		EPP / PMMA / PP
Housing colour		Black
Colour front cover		White
Condensate drain connection	[mm]	ø32 (1 ¼")
Heat exchanger length	[mm]	560
Heat exchanger material		ABS/PS

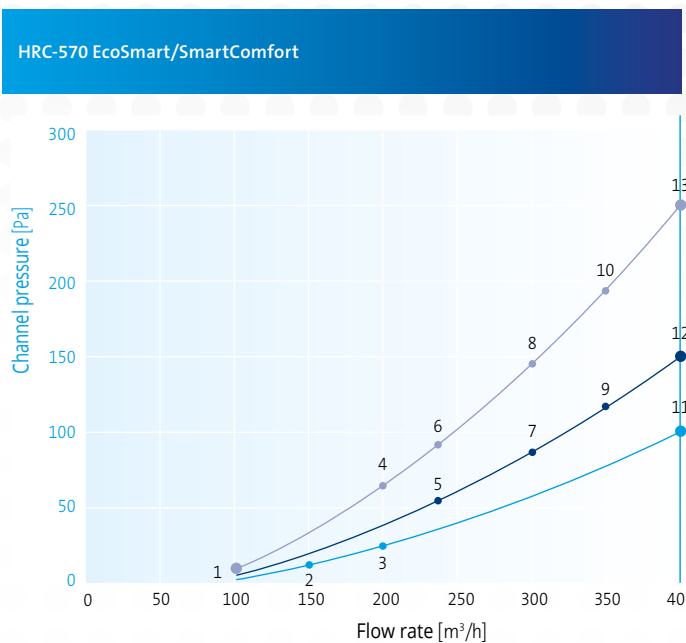
Electrical properties	HRC-570 EcoSmart	HRC-570 SmartComfort
Connection voltage	V/Hz	230/50
Maximum current	A	1,5
Rated power ²	W	40,4
Inputs	-	2 x digital in, 230V
Cable length	M	2
Fan type		EC
Maximum fan power	W	170
Fan control		MOD-bus
Maximum power pre-heater	W	-

² Measured at 60% of maximum flow, conform NEN 5138.

Accessories	Artikelnummer
Dry condensate drain set	22700065
Connection flanges ø150/180mm	22910245/ 22910248
Undercarriage	22700080
Perilex cable HRC EcoMax	29190405
CV-3 Perilex switch - flush-mounted	28000000

Filtersets	
Filterset HRC EcoMax 2x Coarse 45%	22700000
Filterset HRC EcoMax 2x Coarse 65%	22700009
Filterset HRC MaxComfort Coarse 65% & ePM1 70%	22700006

Wor point	reference flow	external pressure	Power consumption per fan	Total power consumption	SPF total
	[m³/h]	[Pa]	[W]	[W]	[Wh/m³]
1	100	20	5	13	0,13
2	150	20	7	17	0,11
3	200	25	11	25	0,13
4	200	62,5	15	32	0,16
5	240	53	18	39	0,16
6	240	89	21	44	0,18
7	300	85	29	60	0,20
8	300	140	37	77	0,26
9	350	115	44	90	0,26
10	350	190	55	112	0,32
11	400	100	53	108	0,27
12	400	150	62	126	0,32
13	400	250	79	160	0,40



Dimensions HRC-570 EcoSmart en SmartComfort

