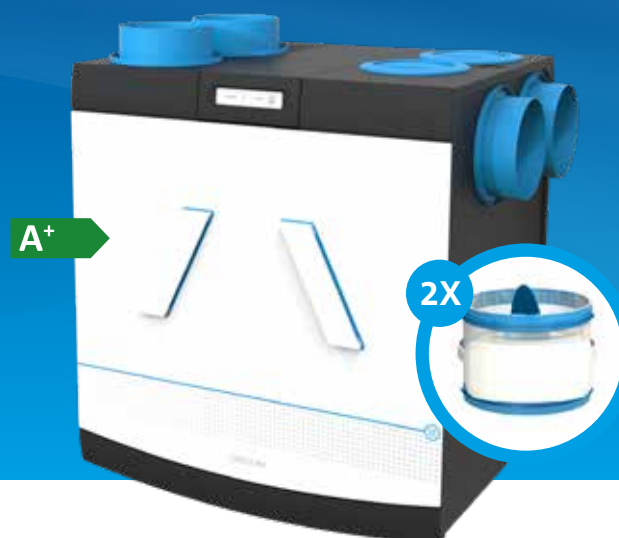


TECHNICAL SPECIFICATIONS

HRC-425 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 an input flow rate of 425 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, ENSURING OPTIMUM COMFORT IN WINTER.

	HRC-425 EcoSmart	HRC-425 SmartComfort
Article number	22001090	22001095
Air flow rate at 200 Pa	425 [m ³ /h]	425 [m ³ /h]
Max. permissible duct resistance	300 [Pa]	300 [Pa]
Thermal efficiency ¹	99,3%	99,3%
Electrical connection	Earthing	Earthing
Energy class	A+	A+
Channel connection	5 x 160	5 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-425 EcoSmart	HRC-425 SmartComfort
Connection voltage	V/Hz	230/50	230/50
Maximum current	A	0,65	5
Rated power ²	W	26,7	26,7
Inputs	-	2 x digital in, 230V	2 x digital in, 230V
Cable length	M	2	2
Type ventilator		EC	EC
Maximum fan power	W	73	73
Fan control		MOD-bus	MOD-bus
Maximum power pre-heater	W	-	1000

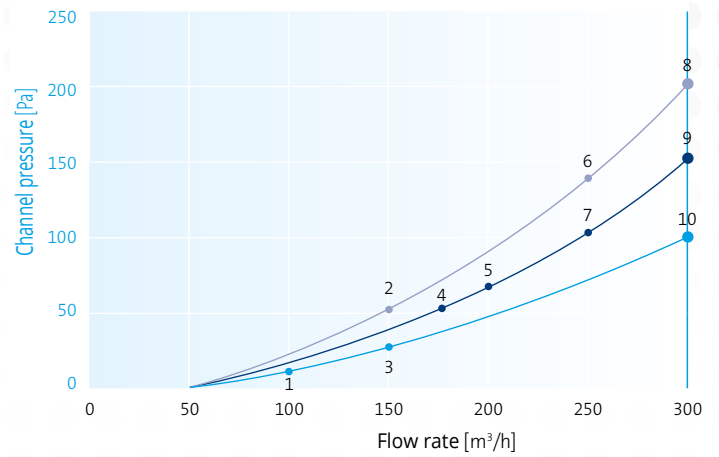
² Measured at 60% of maximum flow, conform NEN 5138.

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

Work point	reference flow	External pressure	Power consumption per fan	total power consumption	SPF total
	[m³/h]	[Pa]	[W]	[W]	[Wh/m³]
1	100	20	4	11	0,11
2	150	50	9	20	0,13
3	150	25	7	16	0,11
4	180	53	11	25	0,14
5	200	65	14	30	0,15
6	250	141	28	59	0,24
7	250	105	24	51	0,20
8	300	200	46	94	0,31
9	300	150	38	79	0,26
10	300	100	31	65	0,22

HRC-425 EcoSmart/SmartComfort



Dimensions HRC-425 EcoSmart en SmartComfort

