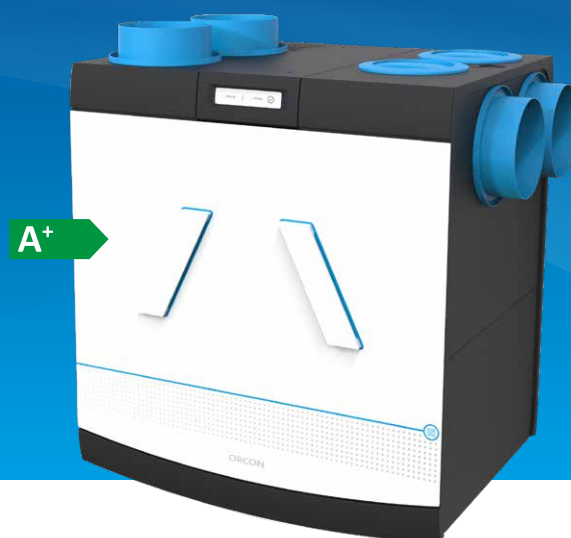


TECHNICAL SPECIFICATIONS

HRC-400 EcoMax/MaxComfort

- Capacity 400 m³/h at 200Pa
- Thermal efficiency of 99.7% (NEN 5138)
- Low power consumption, 40.4 Watt (Nominal according to NEN 5138)
- Efficient EC fans with constant volume control
- Automatic balancing, up to 1% accurate
- Quietly silent
- Modulating 100% bypass
- Equipped with top and side connections
- Easy to expand with RF sensors and / or RF controls, up to 20 pieces
- Left and right mounting with 1 unit
- Standard integrated humidity sensor
- EPP insulation housing
- Filter indicator
- Frost protection



PRODUCT DESCRIPTION:

THE HRC-400 ECOMAX/MAXCOMFORT IS THE BALANCE FAN FOR ALL APPLICATIONS. WITH AN EFFICIENCY OF 99.7% THANKS TO THE EXTRA-LONG RECAIR RU EXCHANGER. EQUIPPED AS STANDARD WITH A HUMIDITY SENSOR, SEVERAL TEMPERATURE SENSORS AND, OPTIONALLY, LINKABLE WITH VARIOUS CO₂ SENSORS. THE RESULT: AN EXTREMELY HEALTHY AND COMFORTABLE INDOOR CLIMATE AND A LOWER ENERGY BILL. BECAUSE THE UNIT CAN BE ROTATED, IT CAN EASILY BE CONFIGURED AS A LEFT OR RIGHT-HAND VERSION. THE 8 DIFFERENT CONNECTION OPTIONS AND THE CONSTANT VOLUME MOTORS ENSURE UNPRECEDENTED EASE OF INSTALLATION.

	HRC-400 EcoMAX	HRC-400 MaxCOMFORT
Article number	22000090	22000095
Air flow rate at 200 Pa	400 [m ³ /h]	400 [m ³ /h]
Max. permissible duct resistance	200 [Pa]	200 [Pa]
Thermal rendement ¹	99,7%	99,7%
Electrical connection	Earthing	Earthing
Energy class	A+	A+
Channel connection	Ø180	Ø180
Bypass	yes, 100%	yes, 100%
Frost protection	Imbalance	Pre-heater
Filter class (ISO16890)	Supply: Coarse 65% extraction: Coarse 65%	Supply: ePM1 70% extraction: Coarse 65%
Constant volume control	Yes, up to 1% accuracy	Yes, up to 1% accuracy

¹ Voldoet aan 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		
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
Type ventilator		EC
Maximum fan power	W	170
Fan control		MOD-bus
Maximum power pre-heater	W	1000

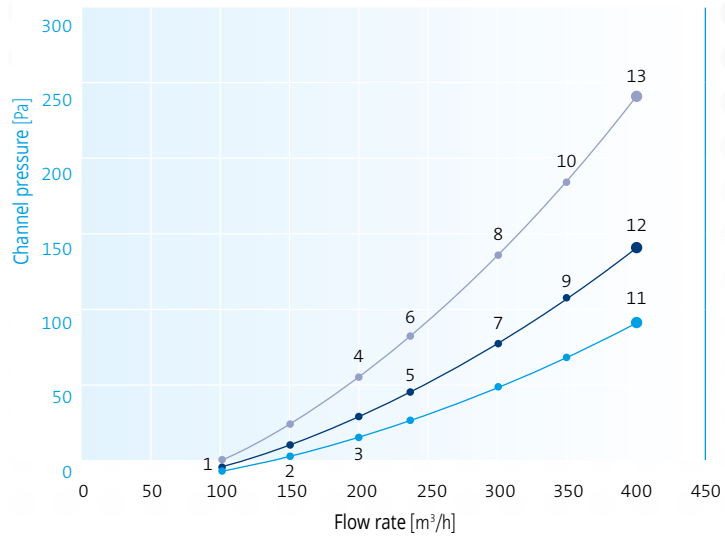
² Measured at 60% of maximum flow, in accordance with NEN 5138.

Accessories	Article number
Remote control 15RF	21800000
CO₂ control sensor 15RF	21800045
CO₂ room sensor 15RF	21800040
Undercarriage HRC EcoMax/MaxComfort	22700080
Dry condensate drain HRC EcoMax/MaxComfort	22700065
Perilex cable	29190405
CV-3 Perilex switch - construction	28000005
CV-3 Perilex switch - flush-mounted	28000000

Filtersets	
Filterset HRC EcoMax 2 x Coarse 45%	22700002
Filterset HRC MaxComfort Coarse 65% & ePM1 70%	22700006
Filterset HRC MaxComfort Coarse 65% & Coarse 65%	22700009

Work point	Reference Flow	External pressure	Power consumption per fan	Total absorbed power	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

HRC-400 EcoMax/MaxComfort



Dimensions HRC-400 EcoMax en MaxComfort

