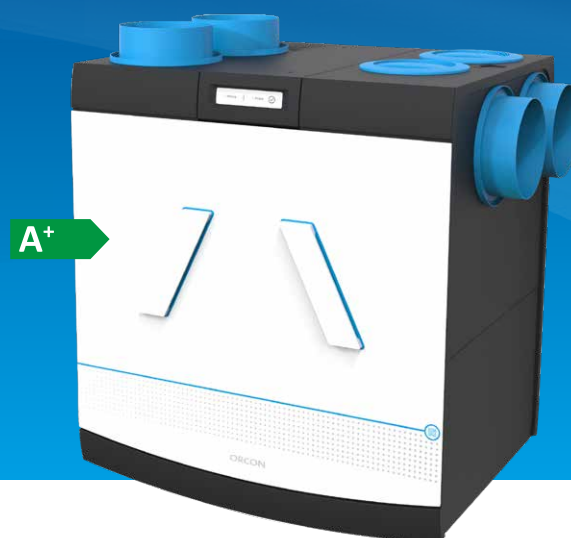


TECHNICAL SPECIFICATIONS

HRC-300 EcoMax/MaxComfort

- Capacity 300 m³/h at 200Pa
- Thermal efficiency of 99.3% (NEN 5138)
- Low power consumption, 26.7 Watt (Nominal according to NEN 5138) EN
- 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-300 ECOMAX/MAXCOMFORT IS THE BALANCE FAN FOR ALL APPLICATIONS. WITH AN EFFICIENCY OF 99.3% THANKS TO THE EXTRA LONG RECAIR RU EXCHANGER. STANDARD EQUIPPED WITH A HUMIDITY SENSOR, SEVERAL TEMPERATURE SENSORS AND CAN BE COUPLED 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 POSSIBILITIES AND THE CONSTANT VOLUME MOTORS ENSURE AN UNPRECEDENTED EASE OF INSTALLATION.

	HRC-300 EcoMax	HRC-300 MaxComfort
Item number	22000080	22000085
Air flow rate at 200 Pa	300 [m ³ /h]	300 [m ³ /h]
Max. permissible duct resistance	200 [Pa]	200 [Pa]
Thermal rendement 1	99,3 [%]	99,3 [%]
Electric connection	Grounding	Grounding
Energy Class	A+	A+
Channel connection	Ø150	Ø150
Bypass	yes, 100%	yes, 100%
Frost protection	Imbalance	Preheater
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 Meting conform NEN 5138.

Physical Characteristics		
Dimensions (WxDxH)	[mm]	760x600x830
Weight	[Kg]	34
Housing material		EPP / PMMA / PP
Housing color		Black
Color front cover		White
Condensate drain connection	[mm]	ø32 (1 ¼")
Heat exchanger length	[mm]	560
Heat exchanger material		ABS/PS

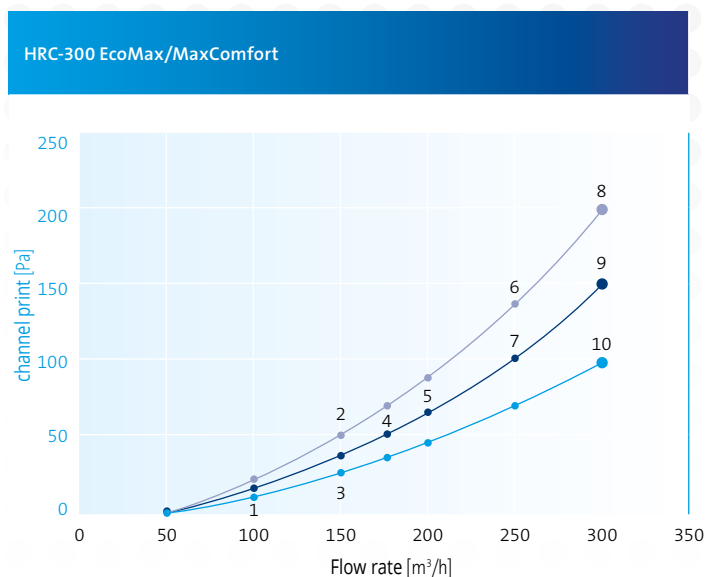
Electrical properties		
Connection voltage	V/Hz	230/50
Maximum current	A	0,65
Rated power 2	W	26,7
Inputs	-	2 x digital in, 230V
Cord length	M	2
Type ventilator		EC
Maximum fan power	W	73
Fan control		MOD-bus
Maximum power preheater	W	1000

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

Accessories	Item number
Remote control 15RF	21800000
CO ₂ Operating Sensor 15RF	21800045
CO ₂ room sensor 15RF	21800040
Undercarriage HRC EcoMax/MaxComfort	22700080
Dry condensate extraction HRC EcoMax/MaxComfort	22700065
Perilex cable	29190405
CV-3 Perilex switch - construction	28000005
CV-3 Perilex switch - built-in	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 items	Reference flow	External druk	Power consumption remote 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



Dimensions HRC-300 EcoMax and MaxComfort

