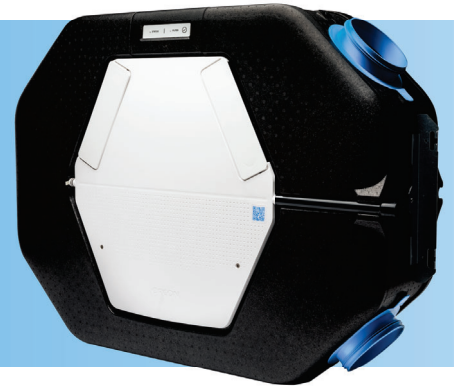


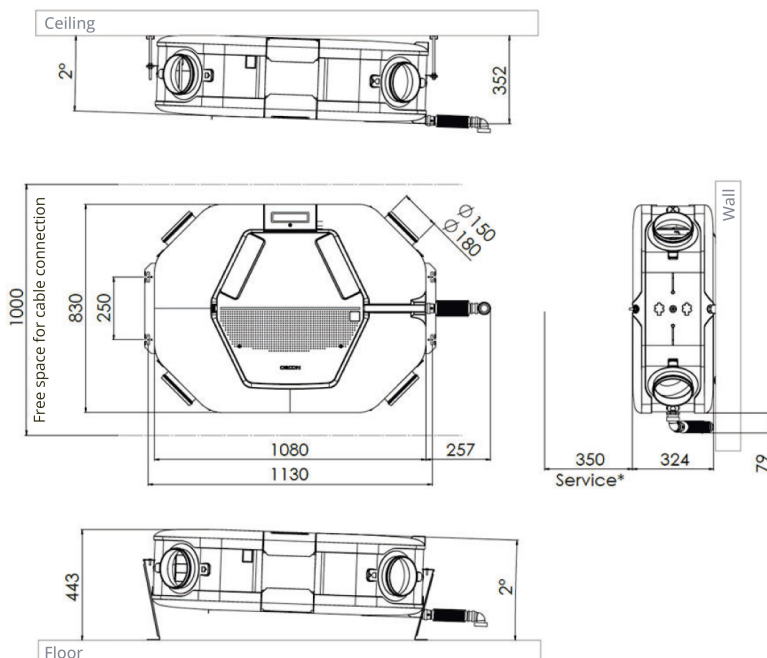
TECHNICAL SPECIFICATIONS Orcon HRC OptiAir



Key features

- ✓ Compact unit for ceiling, wall and floor mounting
- ✓ Generous capacity of 260 m³/h at 200 Pa (260) - 360 m³/h at 200 Pa (360)
- ✓ Left & right exchangeable
- ✓ With built-in humidity sensor
- ✓ With built-in pre-heater
- ✓ Constant volume control, accurate to 1%
- ✓ Passive cooling: 100% bypass and cold recovery
- ✓ Wireless RF communication with controls and sensors
- ✓ Insulated EPP housing
- ✓ Optional controls, sensors, zone control and valves

Dimensions



For more information, visit orcon.co.uk. Or scan the QR code!



Technical specifications

General properties	HRC-260-OptiAir	HRC-360-OptiAir
Maximum air capacity	260 m ³ /h - 200 Pa	360 m ³ /h - 200 Pa
Dimensions (mm)	830 x 1080 x 324	830 x 1080 x 324
Weight (kg)	23	23
Housing material	Expanded polypropylene (EPP)	Expanded polypropylene (EPP)
Housing colour	Black	Black
Colour front cover	White	White
Mounting	Ceiling, wall and floor	Ceiling, wall and floor
Supply filter class:	Coarse 70%	Coarse 70%
Exhaust filter class:	Coarse 65%	Coarse 65%

Thermal efficiency	HRC-260-OptiAir	HRC-360-OptiAir
EN 13141-7 (%)	90	89

EcoDesign	HRC-260-OptiAir	HRC-360-OptiAir
Energy class	A / A+ with additional CO2 sensor	A / A+ with additional CO2 sensor
Sound level (dB(A))	45	50
Maximum flow rate (m ³ /h)	260	360

Electrical properties	HRC-260-OptiAir	HRC-360-OptiAir
Connection (V/HZ)	230/50	230/50
Maximum power consumption per fan (W)	53	85
Absorbed power EN 13141-7 (W)	36	57
Maximum unit power (W)	1100	1170
Maximum current (A)	4,7	5
Fan type	EC	EC
Specific input power (W/(m ³ /h))	0,17	0,22
Electrical connection	Peripheral earth	Peripheral earth
Frost protection	1 kW electrical element	1 kW electrical element

Sound data Orcon HRC-260-OptiAir

Air volume	Duct pressure	Power consumption	Specific input power (SPI)	Sound power level (LwA)		
				Casing	Supply	Exhaust
m³/h	Pa (st)	W	W/(m³/h)	dB[A]	dB[A]	dB[A]
100	25	16	0,16	40	48,5	34,5
150	25	25	0,17	42,5	54	43
150	50	29	0,19	44	56	41,5
165	100	41	0,25	47,5	59	45
182	50	36	0,2	45,5	58	43,5
200	50	43	0,22	47	59	46
200	100	49	0,25	49	61,5	46,5
250	100	51,5	0,21	51,5	65	48,5
250	150	52,5	0,21	52,5	66,5	49,5

Sound data Orcon HRC-360-OptiAir

Air volume	Duct Pressure	Power consumption	Specific input power (SPI)	Sound power level (LwA)		
				Casing	Supply	Exhaust
m³/h	Pa (st)	W	W/(m³/h)	dB[A]	dB[A]	dB[A]
100	25	16	0,16	40	48,5	34,5
150	25	25	0,17	42,5	54	43
150	50	29	0,19	44	56	41,5
165	100	41	0,25	47,5	59	45
182	50	36	0,2	45,5	58	43,5
200	50	43	0,22	47	59	46
200	100	53	0,25	49	61,5	46,5
250	100	73	0,21	51,5	65	48,5
250	150	85	0,21	52,5	66,5	49,5
300	100	96	0,32	54	72,5	49,5
300	150	111	0,37	54,5	68,5	50,5
300	200	123	0,43	55,5	68,5	51,5
350	150	145	0,41	58,5	70	52

Standard delivery Orcon HRC-260-OptiAir

Description	Article number
HRC-260-OptiAir with grounded cable	22020260
Dry condensate drain set	22700065
Filterset HRC-OptiAir extra (1x Course 65% + 1x ePM1 70%)	22700043

Standard delivery Orcon HRC-360-OptiAir

Description	Article number
HRC-360-OptiAir with grounded cable	22020360
Dry condensate drain set	22700065
Filterset HRC-OptiAir extra (1x Course 65% + 1x ePM1 70%)	22700043

Optional accessories

Article	Article number
Wall mounting kit HRC-OptiAir	22700092
Floor mounting kit HRC-OptiAir	22700084
EFF Ø125 Exhaust valve	23121002
EFF Ø160 Exhaust valve	23121003
TFF Ø125 Supply valve	23121012
TFF Ø160 Supply valve	23121013
MKL-T Ø125 Plastic supply valve	23120125
MKL-T Ø160 Plastic supply valve	23120160
MKL-A Ø125 Plastic exhaust valve	23120012
MKL-A Ø160 Plastic exhaust valve	23120016
Connection flange Ø160 mm	22910256
Connection flange Ø180 mm	22910248
Filterset HRC-OptiAir standard (2x coarse 65%)	22700040
Filterset HRC-OptiAir extra (1x Course 65% + 1x ePM1 70%)	22700043
Perilex power cable	22915405
CV-3 Perilex switch - flush mounted	28000000
CV-3 Perilex switch - surface mounted	28000005
Remote control 15RF	21800000
CO2 Room sensor 15RF	21800040
CO2 Control sensor 15RF	21800045
CO2 Built-in sensor 15RF	21800050
HRC Built-in display 15RF	21800060
HRC-OptiAir zone control set 160 mm	22700121