



Domestic fan casings with EC fan type MVS 15

This fan with **EC fan** for domestic usage is appropriate as a central mechanical fan system for air extraction for kitchens, bathrooms and lavatories. Standard equipped with 4 connections. One outlet dia. 125 mm and 4 extractions dia. 125 with one possibility for 125/160 mm.

Application

- Fan for domestic usage and small offices
- Only appropriate for indoor use
- Air extraction for bathrooms, kitchens, storage and lavatories

Composition

- Casing 100% ABS
- **MVS P** with perilex plug (perilex connection box in option)
- **MVS RH** with one wireless 3-position switch, plug and automatic humidity detection. When there's humidity production, the unit will raise the air flow to the maximum and go back to the latest position after 30 or 60 minutes (adjustable). The **humidity sensor** reacts on a change of 5% of the relative humidity within 3 minutes.
- **MVS 15** has an energy-saving direct current EC-motor

Order example

MVS, 15

Explanation

MVS = Type Domestic fan

15 = EC-motor 361/h - 150Pa

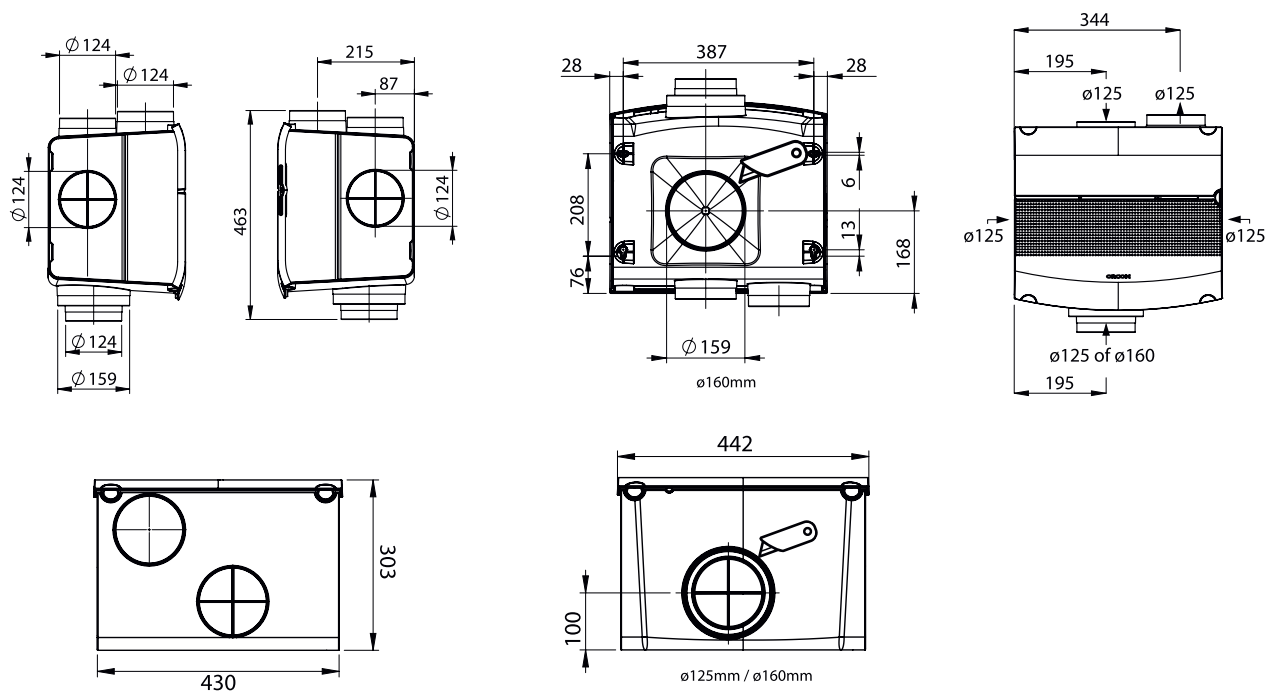
RHB = With wireless position switch

Technical data								
	Curbe [Number]	Q [m ³ /h]	Pf [Pa]	P [W]	In [A]	Cos φ [Cos φ]	LwA5 [dB(A)]	LwA2 [dB(A)]
absent	0	38	4	2	0,05	0,24	24	28
low	1a	45	5	2	0,05	0,25	24	28
low	2a	78	12	3	0,05	0,27	27	29
medium	3a	150	46	7	0,09	0,34	41	37
medium	4a	171	62	9	0,12	0,36	44	39
medium	5a	216	100	15	0,18	0,39	49	43
medium	6a	222	101	16	0,18	0,39	49	43
medium	7a	245	123	20	0,22	0,41	53	46
medium	8a	270	150	27	0,28	0,43	55	49
medium	9a	293	176	32	0,33	0,43	57	51
medium	10a	295	178	33	0,33	0,44	57	51
high	11a	245	123	20	0,22	0,41	53	46
high	12a	312	198	38	0,37	0,44	60	53
high	13a	318	208	40	0,39	0,45	63	53
high	14a	342	241	50	0,47	0,46	64	55

Design data low duct resistance								
	Curbe [Number]	Q [m ³ /h]	Pf [Pa]	Pe [W]	In [A]	Cos φ [Cos φ]	LwA5 [dB(A)]	LwA2 [dB(A)]
medium	3a	105	70	7	0,09	0,34	40	38
medium	4a	106	100	9	0,11	0,35	43	38
medium	5a	217	100	16	0,18	0,39	49	44
medium	8a	315	100	26	0,29	0,42	57	52
high	10a	359	100	33	0,34	0,43	60	54

Design data high duct resistance								
	Curbe [Number]	Q [m ³ /h]	Pf [Pa]	Pe [W]	In [A]	Cos φ [Cos φ]	LwA5 [dB(A)]	LwA2 [dB(A)]
medium	5a	148	150	15	0,17	0,39	48	43
medium	8a	272	150	27	0,28	0,42	56	50
medium	10a	319	150	33	0,33	0,43	59	52
high	13a	361	150	40	0,40	0,44	63	54

Lwa 2 = Casing sound power level
Lwa 5 = Sound power level @inlet
Lwa 6 = Sound power level @outlet



MVS15	Dimensions					
	B [mm]	D [mm]	H [mm]	H plenum [mm]	Ø [mm]	[kg]
	442	303	389	463	125	4,4