



SYSTEMA

VENTILATION

- Complete ventilation system;
- Kit composed of:
 1. complete fan with grille and filter;
 2. filter for air exhaust grille;
 3. grille for air exhaust
- IP43, IP44, IP54 or IP55 protection degrees;
- Body and grille made of ABS self-extinguishing material grey RAL 7035;
- In accordance with European Standard EN 60529, EN 60335-2-80.

TECHNICAL DATA

Model	Code	IP Grade	Voltage (V)	Frequency (Hz)	Colour grille	Flow rate (m³/h) with filter	Flow rate (m³/h) without filter	Power (W)	Nom. Curr. (A)	Noisiness dB(A) _{1m}	Weight Kg
SYSTEMA 10.13	0097500	IP44	220-240	50/60	GREY RAL 7035	24	59	16	0,1	38	0,6
SYSTEMA 10.13	0098300	IP44	110-120	50/60	GREY RAL 7035	24	59	16	0,2	38	0,6
SYSTEMA 12.13	0097600	IP44	220-240	50/60	GREY RAL 7035	42	67	17	0,11	38	0,6
SYSTEMA 12.13	0098400	IP44	110-120	50/60	GREY RAL 7035	42	67	17	0,22	38	0,6
SYSTEMA 12.13	0097400	IP54	220-240	50/60	GREY RAL 7035	20	67	17	0,11	38	0,6
SYSTEMA 12.13	0097300	IP54	110-120	50/60	GREY RAL 7035	20	67	17	0,22	38	0,6
SYSTEMA 14.25	0097700	IP43	220-240	50/60	GREY RAL 7035	115	250	30	0,22	40	1,2
SYSTEMA 14.25	0098500	IP43	110-120	50/60	GREY RAL 7035	115	250	30	0,44	40	1,2
SYSTEMA 14.25	0097800	IP44	220-240	50/60	GREY RAL 7035	110	250	30	0,22	40	1,2
SYSTEMA 14.25	0098600	IP44	110-120	50/60	GREY RAL 7035	110	250	30	0,44	40	1,2
SYSTEMA 14.25	0099200	IP54	220-240	50/60	GREY RAL 7035	85	250	30	0,22	40	1,2
SYSTEMA 14.25	0099300	IP54	110-120	50/60	GREY RAL 7035	85	250	30	0,44	40	1,2
SYSTEMA 14.32	0097900	IP44	220-240	50/60	GREY RAL 7035	130	270	30	0,22	39	1,6
SYSTEMA 14.32	0098700	IP44	110-120	50/60	GREY RAL 7035	130	270	30	0,44	39	1,6
SYSTEMA 20.32	0098100	IP44	220-240	50/60	GREY RAL 7035	360	520	35	0,15	55	2,6
SYSTEMA 20.32	0098900	IP44	110-120	50/60	GREY RAL 7035	360	520	35	0,3	55	2,6
SYSTEMA 20.32	0098200	IP55	220-240	50/60	GREY RAL 7035	136	520	35	0,15	55	2,6
SYSTEMA 20.32	0099000	IP55	110-120	50/60	GREY RAL 7035	136	520	35	0,3	55	2,6

OPERATION

The air, properly filtered and blown in the bottom of the cabinet, produces an internal overpressure which leads to the extraction through the grille placed on the top of the cabinet, following the natural ascending movement.

This process has concrete and significant benefits in terms of aging and operation quality of the products: the overpressure prevents entry of dust inside the panel, thus ensuring better operating conditions of electrical and electronic equipment inside.

Working under pressure, the fan blows air into the room at ambient temperature, granting benefits in terms of long lifetime and reliability of the appliance. This one is less mechanically strained compared to the extraction operation where air would be heated up by the previous cooling process of the internal circuits. Recommended to keep the fan and the exhaust grille as far as possible. A proper ventilation and regular maintenance of filters grant efficient cooling of the electrical equipment achieving better quality and longer lifetime.

