SEC_4273
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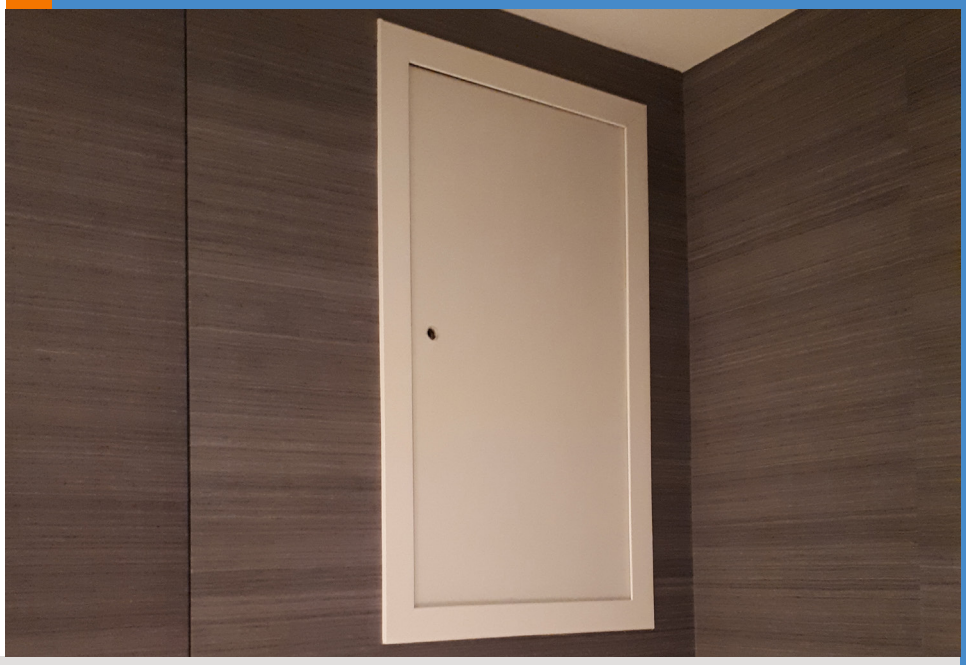
Smoke Extract Door



SE CONTROLS

Smoke Extract Door

This CE marked smoke extract door is certified in accordance with EN12101-8 and is suitable for vertical mounting within apertures in smoke shafts. Offering 60 minute fire resistance at minimum pressure loss (120 minute version available on request).

Smoke Extract Doors are suitable for use in ventilating protected lobbies, and venting into shafts for mechanically operated systems.

This product offers a contemporary aesthetic with a white lacquered finish or plasterboard self-finish option, thermal and acoustic insulation properties with optimal free air passage and minimal pressure loss.

This product has been tested according to EN 1366-10, is compliant with EN 12101-8 and is approved for installation in stud wall, smoke shaft duct work and concrete shafts.

Features:

- Mounting frame for simple installation is available with or without hinged drop guard grid to mitigate fall risk
- Power open/power closed and power open/manual reset versions are available.
- The power open/manual reset version has a magnetic latch which releases on a 24Vdc impulse and requires manual resetting/closing
- Available in 1 opening vent or 2 opening vent variants
- White lacquered finish or plasterboard self-finish available
- Superior airtightness tested at 1500 pa
- Optimal free air passage and minimal pressure loss
- Optimal acoustic performance

Sizes:

- For the 1 opening vent version, multiple sizes are available up to 700mm(w) x 1075mm(h) to achieve the required free area
- For the 2 opening vent version, the largest size is 1100mm(w) x 925mm(h)
- For the power open/power closed version, the only height option available is 1075mm

Product Application Guidance:

The SE Controls Contracting Team can advise on specific product requirements and any guidance required on installation or legislation related to this products. They can be contacted at: https://www.secontrols.com/en-gb/contact/.

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Free Area Table for 1 Door Power Open Manual Reset

Hn\Wn [mm]		300	350	400	450	500	550	600	650	700
385	Sn [m²]	0,0980	0,1160	0,1340	0,1520	0,1700	0,1880	0,2060	0,2240	0,2420
415	Sn [m²]	0,1070	0,1260	0,1450	0,1650	0,1840	0,2040	0,2230	0,2430	0,2620
445	Sn [m²]	0,1150	0,1360	0,1570	0,1780	0,1990	0,2200	0,2410	0,2610	0,2820
475	Sn [m²]	0,1230	0,1450	0,1680	0,1900	0,2130	0,2350	0,2580	0,2800	0,3030
505	Sn [m²]	0,1310	0,1550	0,1790	0,2030	0,2270	0,2510	0,2750	0,2990	0,3230
535	Sn [m²]	0,1390	0,1650	0,1900	0,2160	0,2410	0,2670	0,2920	0,3180	0,3430
565	Sn [m²]	0,1480	0,1750	0,2020	0,2290	0,2550	0,2820	0,3090	0,3360	0,3630
595	Sn [m²]	0,1560	0,1840	0,2130	0,2410	0,2700	0,2980	0,3270	0,3550	0,3840
625	Sn [m²]	0,1640	0,1940	0,2240	0,2540	0,2840	0,3140	0,3440	0,3740	0,4040
655	Sn [m²]	0,1720	0,2040	0,2350	0,2670	0,2980	0,3300	0,3610	0,3920	0,4240
685	Sn [m²]	0,1810	0,2140	0,2460	0,2790	0,3120	0,3450	0,3780	0,4110	0,4440
715	Sn [m²]	0,1890	0,2230	0,2580	0,2920	0,3270	0,3610	0,3950	0,4300	0,4640
745	Sn [m²]	0,1970	0,2330	0,2690	0,3050	0,3410	0,3770	0,4130	0,4490	0,4850
775	Sn [m²]	0,2050	0,2430	0,2800	0,3180	0,3550	0,3920	0,4300	0,4670	0,5050
805	Sn [m²]	0,2130	0,2520	0,2910	0,3300	0,3690	0,4080	0,4470	0,4860	0,5250
835	Sn [m²]	0,2220	0,2620	0,3030	0,3430	0,3830	0,4240	0,4640	0,5050	0,5450
865	Sn [m²]	0,2300	0,2720	0,3140	0,3560	0,3980	0,4400	0,4820	0,5240	0,5650
895	Sn [m²]	0,2380	0,2820	0,3250	0,3680	0,4120	0,4550	0,4990	0,5420	0,5860
925	Sn [m²]	0,2460	0,2910	0,3360	0,3810	0,4260	0,4710	0,5160	0,5610	0,6060
955	Sn [m²]	0,2550	0,3010	0,3470	0,3940	0,4400	0,4870	0,5330	0,5800	0,6260
985	Sn [m²]	0,2630	0,3110	0,3590	0,4070	0,4550	0,5030	0,5500	0,5980	0,6460
1015	Sn [m²]	0,2710	0,3200	0,3700	0,4190	0,4690	0,5180	0,5680	0,6170	0,6670
1045	Sn [m²]	0,2790	0,3300	0,3810	0,4320	0,4830	0,5340	0,5850	0,6360	0,6870
1075	Sn [m²]	0,2870	0,3400	0,3920	0,4450	0,4970	0,5500	0,6020	0,6550	0,7070

Free Area Table for 1 Door Power Open Power Closed

Hn\Wn [mm]		350	400	450	500	550	600	650	700
385	Sn [m²]	0,1080	0,1260	0,1430	0,1600	0,1780	0,1950	0,2120	0,2300
415	Sn [m²]	0,1180	0,1360	0,1550	0,1740	0,1930	0,2120	0,2310	0,2500
445	Sn [m²]	0,1270	0,1470	0,1680	0,1880	0,2080	0,2290	0,2490	0,2690
475	Sn [m²]	0,1360	0,1580	0,1800	0,2020	0,2240	0,2460	0,2670	0,2890
505	Sn [m²]	0,1460	0,1690	0,1920	0,2160	0,2390	0,2620	0,2860	0,3090
535	Sn [m²]	0,1550	0,1800	0,2050	0,2300	0,2540	0,2790	0,3040	0,3290
565	Sn [m²]	0,1640	0,1910	0,2170	0,2430	0,2700	0,2960	0,3230	0,3490
595	Sn [m²]	0,1740	0,2020	0,2290	0,2570	0,2850	0,3130	0,3410	0,3690
625	Sn [m²]	0,1830	0,2120	0,2420	0,2710	0,3010	0,3300	0,3590	0,3890
655	Sn [m²]	0,1930	0,2230	0,2540	0,2850	0,3160	0,3470	0,3780	0,4080
685	Sn [m²]	0,2020	0,2340	0,2670	0,2990	0,3310	0,3640	0,3960	0,4280
715	Sn [m²]	0,2110	0,2450	0,2790	0,3130	0,3470	0,3800	0,4140	0,4480
745	Sn [m²]	0,2210	0,2560	0,2910	0,3270	0,3620	0,3970	0,4330	0,4680
775	Sn [m²]	0,2300	0,2670	0,3040	0,3400	0,3770	0,4140	0,4510	0,4880
805	Sn [m²]	0,2390	0,2780	0,3160	0,3540	0,3930	0,4310	0,4690	0,5080
835	Sn [m²]	0,2490	0,2890	0,3280	0,3680	0,4080	0,4480	0,4880	0,5280
865	Sn [m²]	0,2580	0,2990	0,3410	0,3820	0,4230	0,4650	0,5060	0,5470
895	Sn [m²]	0,2670	0,3100	0,3530	0,3960	0,4390	0,4820	0,5240	0,5670
925	Sn [m²]	0,2770	0,3210	0,3650	0,4100	0,4540	0,4980	0,5430	0,5870
955	Sn [m²]	0,2860	0,3320	0,3780	0,4240	0,4700	0,5150	0,5610	0,6070
985	Sn [m²]	0,2950	0,3430	0,3900	0,4380	0,4850	0,5320	0,5800	0,6270
1015	Sn [m²]	0,3050	0,3540	0,4030	0,4510	0,5000	0,5490	0,5980	0,6470
1045	Sn [m²]	0,3140	0,3650	0,4150	0,4650	0,5160	0,5660	0,6160	0,6670
1075	Sn [m²]	0,3240	0,3750	0,4270	0,4790	0,5310	0,5830	0,6350	0,6860