

# PRESSED STEEL GRILLES - PSG

## DESCRIPTION & FEATURES

Pressed Steel Grilles are pressed from Zintec coated steel. 67% Free Area.

Available with Intumescent Fireblock, constructed in a Zintec coated steel frame containing slats encasing strips of graphite based intumescent material. This material reacts when in contact with fire to expand and fill the area inside the grille.

For installation in doors, walls and partitions

Standard finish for grilles is RAL9010 or polyester powder coated to the customers colour requirement.



PSG

PSG ORDERING CODE	
Series	<b>PSG</b>
Type	<b>S</b> - Single Sided (1 Cover Grille) <b>D</b> - Double Sided (2 Cover Grilles)
Fireblock	<b>F</b> - 40mm thick (1 hour rated) <b>0</b> - Not Applicable
Fixing	<b>F0</b> - No fixings <b>F1</b> - CSK Flange Fixing Holes
Finish	<b>1</b> - (Mill Finish) <b>2</b> - RAL9006 (Silver/Grey) <b>3</b> - RAL9010 (White) <b>4</b> - RAL9005 (Black) <b>5</b> - RAL9003 (White) <b>6</b> - RAL9016 (White) <b>7</b> - Other RAL/BS Code (additional costs may apply) <b>8</b> - Chrome Finish - Powder Coated
<b>Example: PSG/D/F/F1/3/Nominal Opening Size</b>	

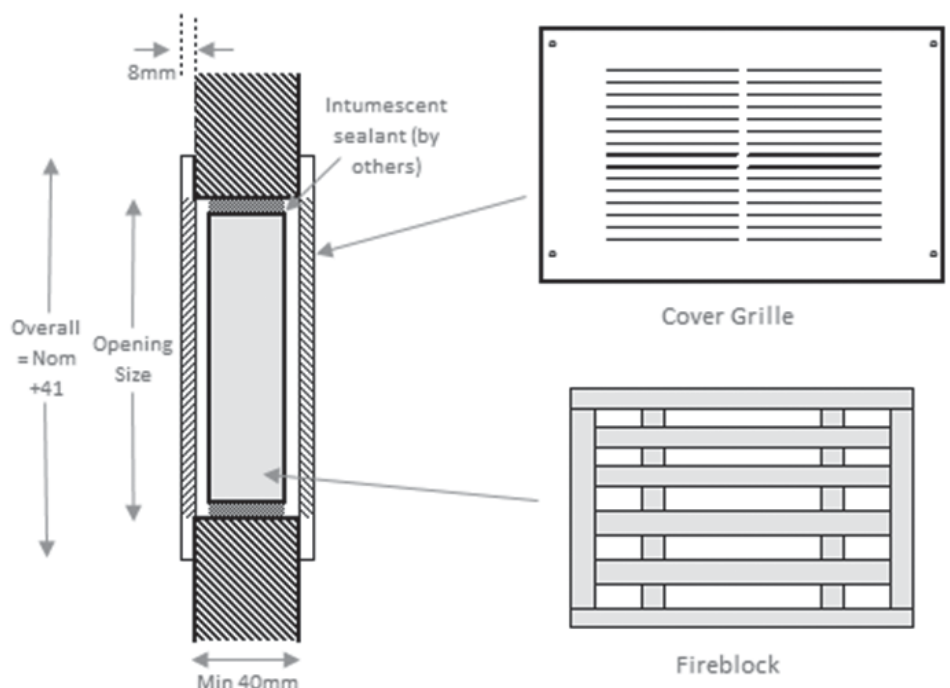
## PSG DIMENSIONS

Standard sizes from 100x100 to 600x600 in 50mm increments.

Fire rating 60 minutes in accordance with BS476: Part 29: 1987.

Other sizes available upon request.

Also available with longer fire rating. Contact sales for further information.



2x Pressed Steel Grilles - PSG

AIR VOL (l/s)	HEIGHT	WIDTH																	
		150		200		250		300		350		400		450		500		600	
		Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR
20	150	7	20	5	/	5	/	5	/	5	/	5	/	5	/	5	/	5	/
	150	36	43	20	36	13	31	9	26	7	23	6	20	5	/	5	/	5	/
50	200			11	29	7	24	6	20	5	/	5	/	5	/	5	/	5	/
	250					5	/	5	/	5	/	5	/	5	/	5	/	5	/
70	150			37	45	23	39	16	35	12	32	10	29	8	26	7	24	5	20
	200			20	38	13	33	9	28	7	25	6	22	5	20	5	/	5	/
100	250					6	23	5	20	5	/	5	/	5	/	5	/	5	/
	150							32	44	23	41	18	38	15	35	12	33	9	29
150	200			40	47	25	42	18	38	13	34	10	31	8	28	7	26	5	22
	250					16	37	11	32	9	29	7	26	6	23	5	21	5	/
200	300							8	28	6	25	5	20	5	/	5	/	5	/
	150											39	48	31	46	25	43	18	39
250	200											38	48	28	45	21	42	17	39
	250					35	47	24	43	18	39	14	36	11	34	9	31	7	27
300	300							17	39	13	35	10	32	8	30	7	27	5	23
	350									9	32	8	29	6	26	5	24	5	20
400	150															43	51	30	47
	200									48	52	37	49	29	46	24	44	17	40
500	250									41	50	23	44	19	41	15	39	11	35
	300							29	46	21	43	16	40	13	37	11	35	8	31
600	350									16	39	12	36	10	33	8	31	6	27
	400											10	33	8	30	7	28	6	26
700	200															36	50	25	46
	250									47	53	36	50	28	47	23	45	16	41
800	300							44	52	32	49	25	45	20	43	16	40	11	36
	350									24	45	18	42	15	39	12	37	9	33
900	400											14	39	11	36	9	34	7	30
	450													9	34	8	31	6	27
1000	500														7	29	5	25	

2x Pressed Steel Grilles - PSG (continued)

AIR VOL (l/s)	HEIGHT	WIDTH																	
		150		200		250		300		350		400		450		500		600	
		Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR
300	200																		
	250																		
	300																		
	350																		
	400																		
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	350																		
	400																		
	450																		
	500																		
	600																		
	300																		
	350																		

2x Pressed Steel Grilles - PSG c/w Fireblock

AIR VOL (l/s)	HEIGHT	WIDTH																	
		150		200		250		300		350		400		450		500		600	
		Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR
20	150	8	24	5	/	5	/	5	/	5	/	5	/	5	/	5	/	5	/
	150	45	48	25	41	16	36	11	31	8	28	7	25	6	22	5	20	5	/
50	200			14	34	9	29	7	25	5	21	5	/	5	/	5	/	5	/
	250					6	24	5	20	5	/	5	/	5	/	5	/	5	/
70	150			47	50	29	44	20	40	15	37	12	34	10	31	8	29	5	20
	200			25	43	16	38	12	33	9	30	7	27	6	24	5	22	5	/
250	250					11	32	8	28	6	25	5	22	5	/	5	/	5	/
	150							40	49	29	46	23	43	18	40	15	38	11	34
100	200			50	52	32	47	22	43	16	39	13	36	10	33	9	31	6	27
	250					20	42	14	37	11	34	8	31	7	28	6	26	5	22
300	300							10	33	8	30	6	27	5	24	5	22	5	/
	150											49	53	39	51	31	48	22	44
200	200							48	53	35	50	27	47	21	44	17	42	12	38
	250					44	52	30	48	22	44	17	41	14	39	11	36	8	32
300	300							21	44	16	40	12	37	10	35	8	32	6	28
	350									12	37	9	34	7	31	6	29	5	25
150	150															55	56	38	52
	200											46	54	37	51	30	49	21	45
250	250															38	46	19	44
	300							36	51	26	48	20	45	16	42	13	40	10	36
350	350									19	44	15	41	12	38	10	36	7	32
	400											12	38	10	35	8	33	6	29
200	200															46	55	32	51
	250											45	55	35	52	29	50	20	46
300	300							55	57	40	54	31	50	25	48	20	45	14	41
	350									30	50	23	47	18	44	15	42	11	38
400	400											18	44	14	41	12	39	8	35
	450													11	39	9	36	7	32
500	500														8	34	6	30	

2x Pressed Steel Grilles - PSG c/w Fireblock (continued)

AIR VOL (l/s)	HEIGHT	WIDTH																	
		150		200		250		300		350		400		450		500		600	
		Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR	Pa	NR
300	200																		
	250																		
	300																		
	350																		
	400																		
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# Notes

PSG