



S W Hart & Co ®

MAKE HART MODEL PFG

Perforated Face Grille

FEATURES :

- ⊙ T-Bar lay-in or surface mount return or exhaust grille
- ⊙ Removable inner core
- ⊙ Aluminium construction
- ⊙ Standard powder coat finish in satin white
- ⊙ Alternative colours are available on request
- ⊙ Aluminium perforated plate - 4.76Ø holes (51% free area)
- ⊙ Aluminium perforated plate - 8mmØ holes (62% free area)



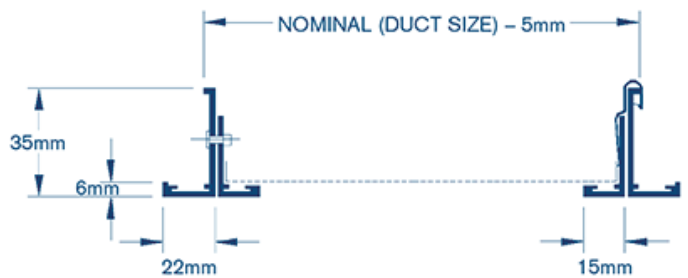
ACCESSORIES :

- ⊙ Opposed Blade Damper
- ⊙ Cushion Head Box
- ⊙ Barrier Screen for PC2 laboratory
- ⊙ Filter

INSTALLATION :

- ⊙ Ceiling
- ⊙ Wall

DIMENSION :



PFG-STANDARD SIZES :

NOMINAL NECK MM
150 x 150
200 x 200
250x 250
300x 300
350x 350
400x 400
450x 450

- ⊙ Made to order



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Specifications

PERFORMANCE DATA - PERFORATED FACE GRILLE TYPE PFG

PERFORATED GRILLE - TYPE PFG		CORE VEL. M/s											
CORE AREA M2	NORMAL SIZE (mm)	CORE VEL. M/s	1.52	2.03	2.54	3.05	NC20			NC30		NC40	
		VEL. PRESS	2	3	4	6	3.56	4.06	4.57	5.1	6.1	7.11	
		NEG. S.P.	8	14	22	31	43	55	70	86	124	169	
0.014	175 x 100	M3/s	0.021	0.028	0.035	0.042	0.049	0.057	0.064	0.071	0.085	0.099	
	150 x 175	NC	-	-	-	18	22	26	30	33	38	42	
0.017	200 x 100 / 150 x 150	M3/s	0.025	0.034	0.042	0.051	0.059	0.068	0.076	0.085	0.102	0.119	
	175 x 125	NC	-	-	17	20	24	28	33	36	42	47	
0.020	250 x 100 / 175 x 150	M3/s	0.031	0.042	0.052	0.063	0.073	0.083	0.093	0.104	0.125	0.145	
	200 x 125	NC	-	-	19	23	27	32	37	41	47	52	
0.028	350 x 100	M3/s	0.042	0.057	0.071	0.085	0.099	0.113	0.127	0.142	0.169	0.198	
		NC	-	-	20	25	29	34	39	42	49	54	
0.032	400 x 100 / 250 x 150	M3/s	0.048	0.064	0.08	0.096	0.112	0.128	0.144	0.16	0.193	0.225	
	300 x 125	NC	-	-	21	27	30	35	40	43	50	55	
0.036	450 x 100 / 300 x 150	M3/s	0.055	0.074	0.092	0.110	0.129	0.147	0.166	0.184	0.221	0.258	
	350 x 125 / 200 x 200	NC	-	-	22	28	32	37	41	44	51	56	
0.043	500 x 100 / 350 x 150	M3/s	0.065	0.087	0.109	0.13	0.159	0.174	0.195	0.217	0.26	0.304	
	400 x 125 / 250 x 200	NC	-	-	23	29	34	38	42	45	52	57	
0.048	600 x 100 / 400 x 150	M3/s	0.074	0.098	0.123	0.147	0.172	0.196	0.22	0.245	0.294	0.344	
	450 x 125	NC	-	-	24	30	35	39	43	46	53	58	
0.056	700 x 100 / 450 x 150 / 250 x 250	M3/s	0.085	0.113	0.142	0.169	0.198	0.227	0.255	0.283	0.339	0.396	
	500 x 125 / 300 x 200	NC	-	-	24	30	35	39	43	46	53	58	
0.064	750 x 100 / 500 x 150 / 300 x 250	M3/s	0.098	0.13	0.163	0.195	0.228	0.26	0.293	0.326	0.388	0.456	
	600 x 125 / 350 x 200	NC	-	-	24	30	35	39	43	46	53	58	
0.075	900x 100 / 550 x 150 / 250 x 250	M3/s	0.115	0.153	0.191	0.229	0.268	0.306	0.344	0.382	0.459	0.535	
	700 x 125 / 400 x 200	NC	-	-	24	30	35	40	44	47	54	59	
0.084	1000 x 100 / 650 x 150 / 400 x 250	M3/s	0.127	0.17	0.212	0.255	0.297	0.34	0.382	0.425	0.51	0.595	
	750 x 125 / 450 x 200 / 300 x 300	NC	-	-	24	30	35	40	44	47	54	59	
0.099	1200 x 100 / 750 x 150 / 350 x 300	M3/s	0.151	0.202	0.252	0.303	0.353	0.404	0.454	0.505	0.606	0.707	
	900 x 125 / 450 x 250	NC	-	-	25	31	36	40	44	47	54	59	
0.110	850 x 150 / 500 x 250 / 350 x 350	M3/s	0.167	0.223	0.278	0.334	0.390	0.445	0.501	0.557	0.668	0.780	
	600 x 200 / 400 x 300	NC	-	-	25	31	36	41	45	48	55	60	
0.124	1500 x 100 / 900 x 150 / 400 x 350	M3/s	0.19	0.253	0.316	0.379	0.443	0.506	0.569	0.632	0.759	0.885	
	1200 x 125 / 450 x 300	NC	-	-	25	31	36	41	45	48	55	60	
0.149	1800 x 100 / 600 x 250 / 450 x 350	M3/s	0.227	0.302	0.378	0.453	0.530	0.604	0.680	0.755	0.906	1.060	
	750 x 200 / 550 x 300 / 400 x 400	NC	-	-	26	31	36	41	45	48	55	60	
0.167	1500 x 125 / 900 x 200 / 600 x 300	M3/s	0.255	0.34	0.425	0.510	0.595	0.680	0.764	0.849	1.020	1.190	
	450 x 400 / 750 x 250 / 500 x 350	NC	-	-	26	32	37	41	45	48	55	60	
0.193	1000 x 200 / 750 x 300 / 1500 x 150	M3/s	0.294	0.393	0.491	0.589	0.687	0.785	0.883	0.982	1.180	1.370	
	900 x 250 / 600 x 350 / 450 x 450	NC	-	-	26	32	37	41	45	48	55	60	
0.228	1800 x 150 / 800 x 300 / 600 x 400	M3/s	0.346	0.462	0.578	0.694	0.809	0.925	1.040	1.160	1.390	1.620	
	1200 x 200 / 650 x 350 / 500 x 450	NC	-	-	26	32	37	42	46	49	56	61	
0.258	900 x 300 / 650 x 400 / 550 x 500	M3/s	0.394	0.525	0.656	0.787	0.918	1.050	1.180	1.310	1.570	1.840	
	750 x 350 / 600 x 450	NC	-	-	27	35	38	42	46	49	56	61	
0.289	1500 x 200 / 1000 x 300 / 750 x 400	M3/s	0.440	0.587	0.734	0.881	1.03	1.17	1.32	1.47	1.76	2.05	
	600 x 500 1200 x 250 / 900 x 350	NC	-	-	27	35	38	42	46	49	56	61	
0.335	1800 x 200 / 1200 x 300 / 750 x 450	M3/s	0.511	0.681	0.851	1.020	1.190	1.360	1.530	1.700	2.040	2.380	
	1500 x 250 / 900 x 400 / 600 x 600	NC	-	-	28	34	39	43	48	51	57	61	
0.399	1200 x 350 / 800 x 500	M3/s	0.607	0.810	1.010	1.210	1.420	1.620	1.820	2.020	2.430	2.830	
	900 x 450 / 700 x 600	NC	-	-	28	35	39	44	48	51	57	62	
0.432	1800 x 250 / 900 x 500	M3/s	0.658	0.878	1.1	1.32	1.54	1.75	1.97	2.19	2.63	3.07	
	1200 x 400 / 750 x 600	NC	-	-	28	35	40	44	49	52	58	62	
0.518	1800 x 300 / 1200 x 450	M3/s	0.79	1.050	1.320	1.580	1.840	2.120	2.370	2.630	3.160	3.690	
	1500 x 350 / 900 x 600	NC	-	-	29	36	40	45	49	52	58	63	
0.581	1800 x 350 / 1200 x 500	M3/s	0.885	1.180	1.470	1.770	2.060	2.360	2.650	2.950	3.540	4.130	
	1500 x 400 / 750 x 750	NC	-	-	29	36	41	45	49	52	58	63	